



TOWNSHIP of HOPEWELL
MERCER COUNTY

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

PROJECT / APPLICATION

BLOCK: 93

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

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

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

SWM PLANS

P.
10,001-14,000

AUGUST 2025

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 2.72 cfs @ 12.17 hrs, Volume= 0.233 af, Depth= 3.12"
 Routed to Pond B-27 : Basin #27

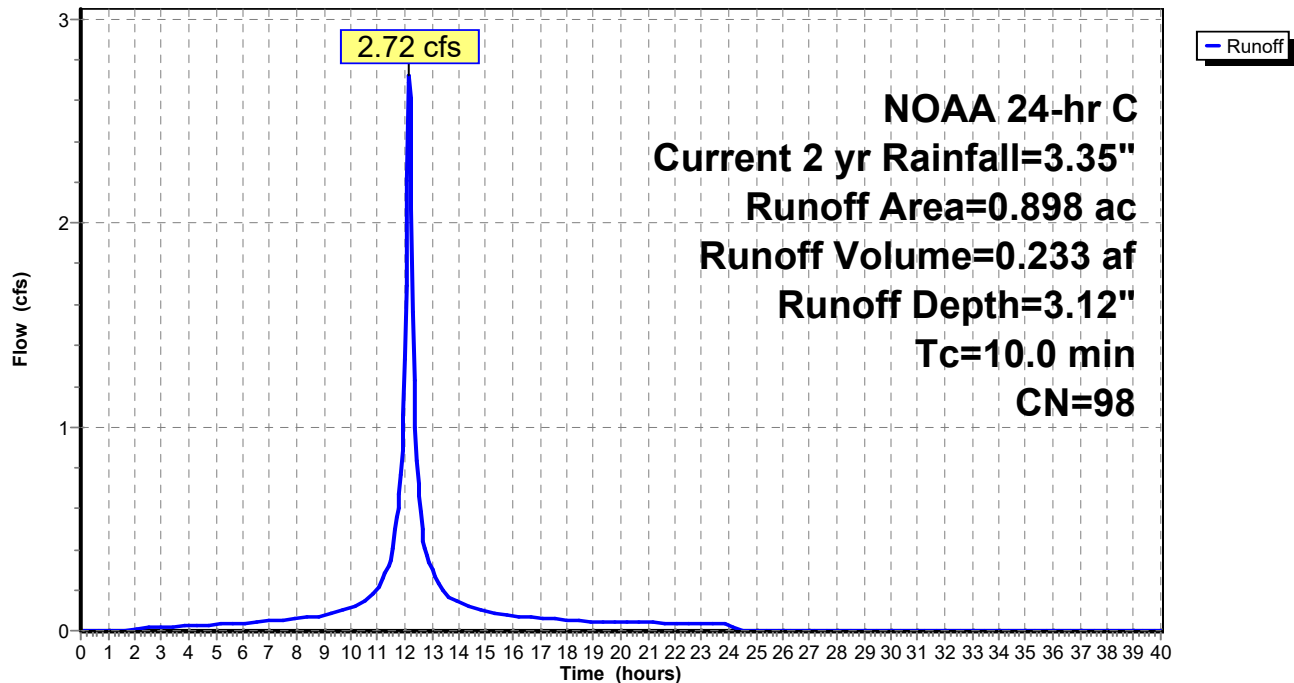
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.04	8.25	0.42	0.25	0.07
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.07
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.07
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.08
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.08
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.05	9.30	0.52	0.34	0.09
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.09
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.09
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.09
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.10
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.10
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.10
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.10
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.11
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.11
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.11
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.11
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.11
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.12
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.12
7.50	0.36	0.20	0.06	10.10	0.63	0.43	0.12
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.12
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.13
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.13
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.13
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.13

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.13	13.00	2.55	2.32	0.31
10.45	0.68	0.49	0.14	13.05	2.56	2.33	0.29
10.50	0.69	0.49	0.14	13.10	2.57	2.34	0.27
10.55	0.70	0.50	0.14	13.15	2.58	2.36	0.26
10.60	0.71	0.51	0.15	13.20	2.60	2.37	0.24
10.65	0.72	0.52	0.15	13.25	2.61	2.38	0.23
10.70	0.73	0.53	0.16	13.30	2.62	2.39	0.22
10.75	0.74	0.54	0.17	13.35	2.63	2.40	0.21
10.80	0.75	0.55	0.18	13.40	2.64	2.41	0.21
10.85	0.77	0.57	0.19	13.45	2.65	2.42	0.20
10.90	0.78	0.58	0.19	13.50	2.66	2.43	0.19
10.95	0.79	0.59	0.20	13.55	2.67	2.44	0.18
11.00	0.80	0.60	0.21	13.60	2.68	2.45	0.17
11.05	0.82	0.62	0.22	13.65	2.68	2.45	0.16
11.10	0.83	0.63	0.23	13.70	2.69	2.46	0.16
11.15	0.85	0.65	0.25	13.75	2.70	2.47	0.15
11.20	0.87	0.66	0.26	13.80	2.71	2.48	0.15
11.25	0.89	0.68	0.28	13.85	2.72	2.49	0.15
11.30	0.91	0.70	0.29	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.31	13.95	2.73	2.50	0.14
11.40	0.95	0.74	0.32	14.00	2.74	2.51	0.14
11.45	0.97	0.76	0.34	14.05	2.75	2.52	0.14
11.50	0.99	0.78	0.35	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.38	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.43	14.20	2.77	2.54	0.13
11.65	1.09	0.88	0.50	14.25	2.77	2.54	0.13
11.70	1.13	0.92	0.56	14.30	2.78	2.55	0.13
11.75	1.18	0.96	0.60	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.67	14.40	2.79	2.56	0.12
11.85	1.29	1.08	0.76	14.45	2.80	2.57	0.12
11.90	1.36	1.14	0.89	14.50	2.81	2.58	0.12
11.95	1.48	1.26	1.06	14.55	2.81	2.58	0.11
12.00	1.60	1.38	1.33	14.60	2.82	2.59	0.11
12.05	1.79	1.57	1.69	14.65	2.82	2.59	0.11
12.10	1.99	1.76	2.20	14.70	2.83	2.60	0.11
12.15	2.06	1.83	2.68	14.75	2.84	2.60	0.11
12.20	2.12	1.90	2.61	14.80	2.84	2.61	0.10
12.25	2.17	1.95	2.07	14.85	2.85	2.61	0.10
12.30	2.22	1.99	1.56	14.90	2.85	2.62	0.10
12.35	2.26	2.03	1.22	14.95	2.86	2.62	0.10
12.40	2.29	2.06	0.99	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.83	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.72	15.10	2.87	2.64	0.09
12.55	2.38	2.15	0.66	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.58	15.20	2.88	2.65	0.09
12.65	2.42	2.20	0.50	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.44	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.40	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.38	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.36	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.34	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.32	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.08	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.05
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.05
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.05
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.06	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 2.25 cfs @ 12.17 hrs, Volume= 0.170 af, Depth= 1.97"
 Routed to Pond B-27 : Basin #27

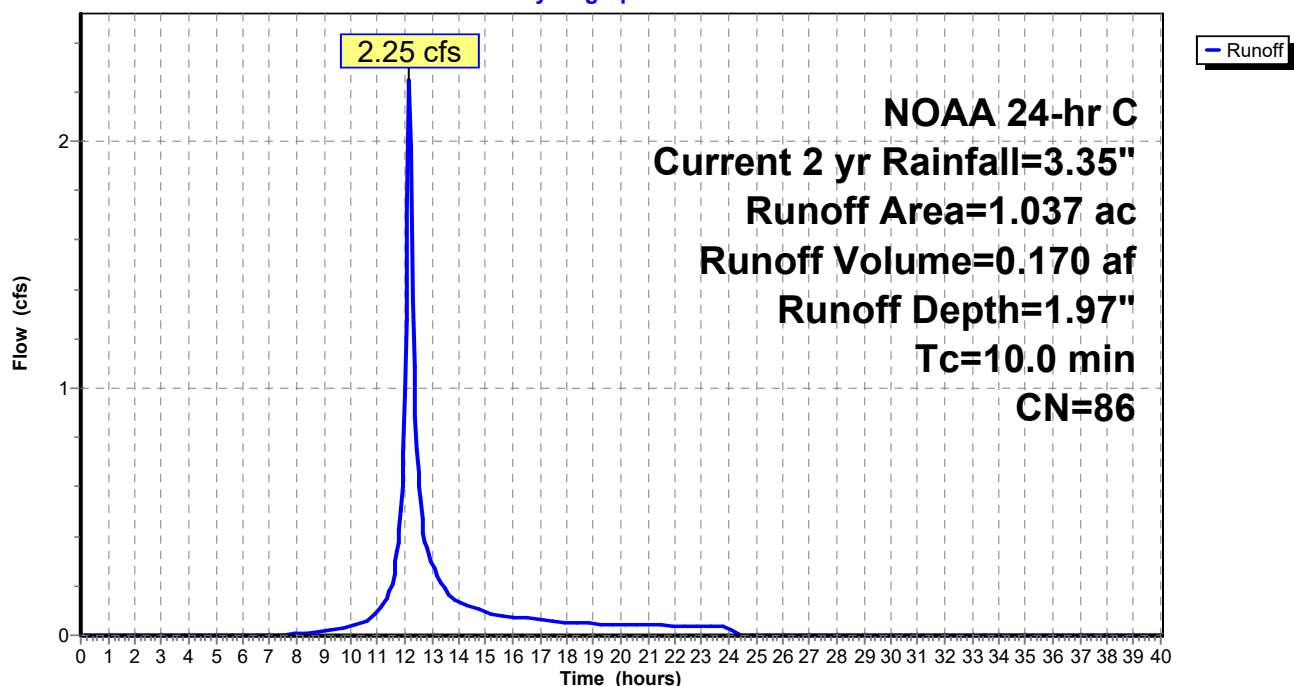
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

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

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.01
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.01
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.01
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.01
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.01
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.01
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.01
5.65	0.25	0.00	0.00	8.25	0.42	0.01	0.01
5.70	0.25	0.00	0.00	8.30	0.43	0.01	0.01
5.75	0.25	0.00	0.00	8.35	0.43	0.01	0.01
5.80	0.25	0.00	0.00	8.40	0.43	0.01	0.01
5.85	0.26	0.00	0.00	8.45	0.44	0.01	0.01
5.90	0.26	0.00	0.00	8.50	0.44	0.01	0.01
5.95	0.26	0.00	0.00	8.55	0.45	0.01	0.01
6.00	0.27	0.00	0.00	8.60	0.45	0.01	0.01
6.05	0.27	0.00	0.00	8.65	0.46	0.01	0.01
6.10	0.27	0.00	0.00	8.70	0.46	0.01	0.01
6.15	0.27	0.00	0.00	8.75	0.47	0.01	0.01
6.20	0.28	0.00	0.00	8.80	0.47	0.01	0.01
6.25	0.28	0.00	0.00	8.85	0.48	0.01	0.01
6.30	0.28	0.00	0.00	8.90	0.48	0.01	0.01
6.35	0.29	0.00	0.00	8.95	0.48	0.01	0.02
6.40	0.29	0.00	0.00	9.00	0.49	0.01	0.02
6.45	0.29	0.00	0.00	9.05	0.49	0.02	0.02
6.50	0.29	0.00	0.00	9.10	0.50	0.02	0.02
6.55	0.30	0.00	0.00	9.15	0.50	0.02	0.02
6.60	0.30	0.00	0.00	9.20	0.51	0.02	0.02
6.65	0.30	0.00	0.00	9.25	0.51	0.02	0.02
6.70	0.31	0.00	0.00	9.30	0.52	0.02	0.02
6.75	0.31	0.00	0.00	9.35	0.53	0.02	0.02
6.80	0.31	0.00	0.00	9.40	0.53	0.02	0.02
6.85	0.32	0.00	0.00	9.45	0.54	0.02	0.02
6.90	0.32	0.00	0.00	9.50	0.54	0.03	0.02
6.95	0.32	0.00	0.00	9.55	0.55	0.03	0.03
7.00	0.33	0.00	0.00	9.60	0.56	0.03	0.03
7.05	0.33	0.00	0.00	9.65	0.56	0.03	0.03
7.10	0.33	0.00	0.00	9.70	0.57	0.03	0.03
7.15	0.34	0.00	0.00	9.75	0.58	0.03	0.03
7.20	0.34	0.00	0.00	9.80	0.58	0.04	0.03
7.25	0.34	0.00	0.00	9.85	0.59	0.04	0.03
7.30	0.35	0.00	0.00	9.90	0.60	0.04	0.03
7.35	0.35	0.00	0.00	9.95	0.60	0.04	0.04
7.40	0.35	0.00	0.00	10.00	0.61	0.04	0.04
7.45	0.36	0.00	0.00	10.05	0.62	0.04	0.04
7.50	0.36	0.00	0.00	10.10	0.63	0.05	0.04
7.55	0.37	0.00	0.00	10.15	0.63	0.05	0.04
7.60	0.37	0.00	0.00	10.20	0.64	0.05	0.04
7.65	0.37	0.00	0.00	10.25	0.65	0.05	0.05
7.70	0.38	0.00	0.00	10.30	0.66	0.06	0.05
7.75	0.38	0.00	0.00	10.35	0.67	0.06	0.05

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.06	0.05	13.00	2.55	1.28	0.29
10.45	0.68	0.06	0.05	13.05	2.56	1.29	0.27
10.50	0.69	0.07	0.05	13.10	2.57	1.30	0.26
10.55	0.70	0.07	0.06	13.15	2.58	1.31	0.25
10.60	0.71	0.07	0.06	13.20	2.60	1.32	0.23
10.65	0.72	0.08	0.06	13.25	2.61	1.33	0.22
10.70	0.73	0.08	0.07	13.30	2.62	1.34	0.21
10.75	0.74	0.08	0.07	13.35	2.63	1.35	0.21
10.80	0.75	0.09	0.08	13.40	2.64	1.36	0.20
10.85	0.77	0.09	0.08	13.45	2.65	1.37	0.19
10.90	0.78	0.10	0.09	13.50	2.66	1.37	0.18
10.95	0.79	0.10	0.09	13.55	2.67	1.38	0.17
11.00	0.80	0.11	0.10	13.60	2.68	1.39	0.16
11.05	0.82	0.11	0.10	13.65	2.68	1.40	0.16
11.10	0.83	0.12	0.11	13.70	2.69	1.40	0.15
11.15	0.85	0.13	0.12	13.75	2.70	1.41	0.15
11.20	0.87	0.14	0.13	13.80	2.71	1.42	0.14
11.25	0.89	0.14	0.14	13.85	2.72	1.42	0.14
11.30	0.91	0.15	0.15	13.90	2.72	1.43	0.14
11.35	0.93	0.16	0.16	13.95	2.73	1.44	0.14
11.40	0.95	0.17	0.17	14.00	2.74	1.44	0.14
11.45	0.97	0.18	0.19	14.05	2.75	1.45	0.13
11.50	0.99	0.19	0.20	14.10	2.75	1.45	0.13
11.55	1.02	0.21	0.21	14.15	2.76	1.46	0.13
11.60	1.06	0.23	0.25	14.20	2.77	1.47	0.13
11.65	1.09	0.25	0.30	14.25	2.77	1.47	0.12
11.70	1.13	0.27	0.34	14.30	2.78	1.48	0.12
11.75	1.18	0.29	0.37	14.35	2.79	1.48	0.12
11.80	1.23	0.32	0.43	14.40	2.79	1.49	0.12
11.85	1.29	0.36	0.50	14.45	2.80	1.49	0.12
11.90	1.36	0.40	0.60	14.50	2.81	1.50	0.11
11.95	1.48	0.48	0.74	14.55	2.81	1.50	0.11
12.00	1.60	0.56	0.96	14.60	2.82	1.51	0.11
12.05	1.79	0.70	1.28	14.65	2.82	1.51	0.11
12.10	1.99	0.84	1.73	14.70	2.83	1.52	0.11
12.15	2.06	0.89	2.19	14.75	2.84	1.52	0.10
12.20	2.12	0.94	2.19	14.80	2.84	1.53	0.10
12.25	2.17	0.98	1.77	14.85	2.85	1.53	0.10
12.30	2.22	1.02	1.36	14.90	2.85	1.54	0.10
12.35	2.26	1.05	1.08	14.95	2.86	1.54	0.09
12.40	2.29	1.08	0.89	15.00	2.86	1.54	0.09
12.45	2.33	1.10	0.75	15.05	2.87	1.55	0.09
12.50	2.36	1.13	0.66	15.10	2.87	1.55	0.09
12.55	2.38	1.15	0.61	15.15	2.87	1.56	0.09
12.60	2.40	1.17	0.54	15.20	2.88	1.56	0.08
12.65	2.42	1.18	0.47	15.25	2.88	1.56	0.08
12.70	2.44	1.20	0.41	15.30	2.89	1.57	0.08
12.75	2.46	1.21	0.38	15.35	2.89	1.57	0.08
12.80	2.48	1.23	0.35	15.40	2.90	1.58	0.08
12.85	2.50	1.24	0.34	15.45	2.90	1.58	0.08
12.90	2.52	1.26	0.32	15.50	2.91	1.58	0.08
12.95	2.53	1.27	0.30	15.55	2.91	1.59	0.08

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	1.59	0.08	18.20	3.10	1.74	0.05
15.65	2.92	1.59	0.08	18.25	3.10	1.75	0.05
15.70	2.92	1.60	0.08	18.30	3.10	1.75	0.05
15.75	2.93	1.60	0.08	18.35	3.10	1.75	0.05
15.80	2.93	1.60	0.08	18.40	3.11	1.75	0.05
15.85	2.94	1.61	0.08	18.45	3.11	1.76	0.05
15.90	2.94	1.61	0.08	18.50	3.11	1.76	0.05
15.95	2.94	1.62	0.07	18.55	3.11	1.76	0.05
16.00	2.95	1.62	0.07	18.60	3.12	1.76	0.05
16.05	2.95	1.62	0.07	18.65	3.12	1.76	0.05
16.10	2.96	1.63	0.07	18.70	3.12	1.77	0.05
16.15	2.96	1.63	0.07	18.75	3.12	1.77	0.05
16.20	2.96	1.63	0.07	18.80	3.13	1.77	0.05
16.25	2.97	1.64	0.07	18.85	3.13	1.77	0.05
16.30	2.97	1.64	0.07	18.90	3.13	1.78	0.05
16.35	2.98	1.64	0.07	18.95	3.13	1.78	0.05
16.40	2.98	1.65	0.07	19.00	3.14	1.78	0.05
16.45	2.98	1.65	0.07	19.05	3.14	1.78	0.05
16.50	2.99	1.65	0.07	19.10	3.14	1.78	0.05
16.55	2.99	1.66	0.07	19.15	3.14	1.79	0.05
16.60	3.00	1.66	0.07	19.20	3.15	1.79	0.05
16.65	3.00	1.66	0.07	19.25	3.15	1.79	0.05
16.70	3.00	1.66	0.07	19.30	3.15	1.79	0.05
16.75	3.01	1.67	0.07	19.35	3.15	1.80	0.05
16.80	3.01	1.67	0.07	19.40	3.16	1.80	0.05
16.85	3.01	1.67	0.06	19.45	3.16	1.80	0.05
16.90	3.02	1.68	0.06	19.50	3.16	1.80	0.04
16.95	3.02	1.68	0.06	19.55	3.16	1.80	0.04
17.00	3.02	1.68	0.06	19.60	3.17	1.81	0.04
17.05	3.03	1.69	0.06	19.65	3.17	1.81	0.04
17.10	3.03	1.69	0.06	19.70	3.17	1.81	0.04
17.15	3.03	1.69	0.06	19.75	3.17	1.81	0.04
17.20	3.04	1.69	0.06	19.80	3.18	1.81	0.04
17.25	3.04	1.70	0.06	19.85	3.18	1.82	0.04
17.30	3.04	1.70	0.06	19.90	3.18	1.82	0.04
17.35	3.05	1.70	0.06	19.95	3.18	1.82	0.04
17.40	3.05	1.70	0.06	20.00	3.19	1.82	0.04
17.45	3.05	1.71	0.06	20.05	3.19	1.83	0.04
17.50	3.06	1.71	0.06	20.10	3.19	1.83	0.04
17.55	3.06	1.71	0.06	20.15	3.19	1.83	0.04
17.60	3.06	1.72	0.06	20.20	3.20	1.83	0.04
17.65	3.06	1.72	0.06	20.25	3.20	1.83	0.04
17.70	3.07	1.72	0.05	20.30	3.20	1.84	0.04
17.75	3.07	1.72	0.05	20.35	3.20	1.84	0.04
17.80	3.07	1.73	0.05	20.40	3.20	1.84	0.04
17.85	3.08	1.73	0.05	20.45	3.21	1.84	0.04
17.90	3.08	1.73	0.05	20.50	3.21	1.84	0.04
17.95	3.08	1.73	0.05	20.55	3.21	1.85	0.04
18.00	3.08	1.74	0.05	20.60	3.21	1.85	0.04
18.05	3.09	1.74	0.05	20.65	3.22	1.85	0.04
18.10	3.09	1.74	0.05	20.70	3.22	1.85	0.04
18.15	3.09	1.74	0.05	20.75	3.22	1.85	0.04

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.86	0.04	23.40	3.33	1.95	0.03
20.85	3.23	1.86	0.04	23.45	3.33	1.95	0.03
20.90	3.23	1.86	0.04	23.50	3.33	1.95	0.03
20.95	3.23	1.86	0.04	23.55	3.33	1.95	0.03
21.00	3.23	1.86	0.04	23.60	3.34	1.95	0.03
21.05	3.23	1.86	0.04	23.65	3.34	1.95	0.03
21.10	3.24	1.87	0.04	23.70	3.34	1.96	0.03
21.15	3.24	1.87	0.04	23.75	3.34	1.96	0.03
21.20	3.24	1.87	0.04	23.80	3.34	1.96	0.03
21.25	3.24	1.87	0.04	23.85	3.34	1.96	0.03
21.30	3.24	1.87	0.04	23.90	3.35	1.96	0.03
21.35	3.25	1.88	0.04	23.95	3.35	1.96	0.03
21.40	3.25	1.88	0.04	24.00	3.35	1.97	0.03
21.45	3.25	1.88	0.04	24.05	3.35	1.97	0.03
21.50	3.25	1.88	0.04	24.10	3.35	1.97	0.03
21.55	3.26	1.88	0.04	24.15	3.35	1.97	0.02
21.60	3.26	1.89	0.04	24.20	3.35	1.97	0.01
21.65	3.26	1.89	0.04	24.25	3.35	1.97	0.00
21.70	3.26	1.89	0.04	24.30	3.35	1.97	0.00
21.75	3.26	1.89	0.04	24.35	3.35	1.97	0.00
21.80	3.27	1.89	0.04	24.40	3.35	1.97	0.00
21.85	3.27	1.89	0.04	24.45	3.35	1.97	0.00
21.90	3.27	1.90	0.04	24.50	3.35	1.97	0.00
21.95	3.27	1.90	0.04	24.55	3.35	1.97	0.00
22.00	3.27	1.90	0.04	24.60	3.35	1.97	0.00
22.05	3.28	1.90	0.04	24.65	3.35	1.97	0.00
22.10	3.28	1.90	0.04	24.70	3.35	1.97	0.00
22.15	3.28	1.91	0.04	24.75	3.35	1.97	0.00
22.20	3.28	1.91	0.04	24.80	3.35	1.97	0.00
22.25	3.28	1.91	0.04	24.85	3.35	1.97	0.00
22.30	3.29	1.91	0.04	24.90	3.35	1.97	0.00
22.35	3.29	1.91	0.04	24.95	3.35	1.97	0.00
22.40	3.29	1.91	0.04	25.00	3.35	1.97	0.00
22.45	3.29	1.92	0.04	25.05	3.35	1.97	0.00
22.50	3.29	1.92	0.04	25.10	3.35	1.97	0.00
22.55	3.30	1.92	0.04	25.15	3.35	1.97	0.00
22.60	3.30	1.92	0.04	25.20	3.35	1.97	0.00
22.65	3.30	1.92	0.04	25.25	3.35	1.97	0.00
22.70	3.30	1.92	0.04	25.30	3.35	1.97	0.00
22.75	3.30	1.93	0.04	25.35	3.35	1.97	0.00
22.80	3.31	1.93	0.04	25.40	3.35	1.97	0.00
22.85	3.31	1.93	0.04	25.45	3.35	1.97	0.00
22.90	3.31	1.93	0.03	25.50	3.35	1.97	0.00
22.95	3.31	1.93	0.03	25.55	3.35	1.97	0.00
23.00	3.31	1.93	0.03	25.60	3.35	1.97	0.00
23.05	3.32	1.94	0.03	25.65	3.35	1.97	0.00
23.10	3.32	1.94	0.03	25.70	3.35	1.97	0.00
23.15	3.32	1.94	0.03	25.75	3.35	1.97	0.00
23.20	3.32	1.94	0.03	25.80	3.35	1.97	0.00
23.25	3.32	1.94	0.03	25.85	3.35	1.97	0.00
23.30	3.32	1.94	0.03	25.90	3.35	1.97	0.00
23.35	3.33	1.95	0.03	25.95	3.35	1.97	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.97	0.00	28.60	3.35	1.97	0.00
26.05	3.35	1.97	0.00	28.65	3.35	1.97	0.00
26.10	3.35	1.97	0.00	28.70	3.35	1.97	0.00
26.15	3.35	1.97	0.00	28.75	3.35	1.97	0.00
26.20	3.35	1.97	0.00	28.80	3.35	1.97	0.00
26.25	3.35	1.97	0.00	28.85	3.35	1.97	0.00
26.30	3.35	1.97	0.00	28.90	3.35	1.97	0.00
26.35	3.35	1.97	0.00	28.95	3.35	1.97	0.00
26.40	3.35	1.97	0.00	29.00	3.35	1.97	0.00
26.45	3.35	1.97	0.00	29.05	3.35	1.97	0.00
26.50	3.35	1.97	0.00	29.10	3.35	1.97	0.00
26.55	3.35	1.97	0.00	29.15	3.35	1.97	0.00
26.60	3.35	1.97	0.00	29.20	3.35	1.97	0.00
26.65	3.35	1.97	0.00	29.25	3.35	1.97	0.00
26.70	3.35	1.97	0.00	29.30	3.35	1.97	0.00
26.75	3.35	1.97	0.00	29.35	3.35	1.97	0.00
26.80	3.35	1.97	0.00	29.40	3.35	1.97	0.00
26.85	3.35	1.97	0.00	29.45	3.35	1.97	0.00
26.90	3.35	1.97	0.00	29.50	3.35	1.97	0.00
26.95	3.35	1.97	0.00	29.55	3.35	1.97	0.00
27.00	3.35	1.97	0.00	29.60	3.35	1.97	0.00
27.05	3.35	1.97	0.00	29.65	3.35	1.97	0.00
27.10	3.35	1.97	0.00	29.70	3.35	1.97	0.00
27.15	3.35	1.97	0.00	29.75	3.35	1.97	0.00
27.20	3.35	1.97	0.00	29.80	3.35	1.97	0.00
27.25	3.35	1.97	0.00	29.85	3.35	1.97	0.00
27.30	3.35	1.97	0.00	29.90	3.35	1.97	0.00
27.35	3.35	1.97	0.00	29.95	3.35	1.97	0.00
27.40	3.35	1.97	0.00	30.00	3.35	1.97	0.00
27.45	3.35	1.97	0.00	30.05	3.35	1.97	0.00
27.50	3.35	1.97	0.00	30.10	3.35	1.97	0.00
27.55	3.35	1.97	0.00	30.15	3.35	1.97	0.00
27.60	3.35	1.97	0.00	30.20	3.35	1.97	0.00
27.65	3.35	1.97	0.00	30.25	3.35	1.97	0.00
27.70	3.35	1.97	0.00	30.30	3.35	1.97	0.00
27.75	3.35	1.97	0.00	30.35	3.35	1.97	0.00
27.80	3.35	1.97	0.00	30.40	3.35	1.97	0.00
27.85	3.35	1.97	0.00	30.45	3.35	1.97	0.00
27.90	3.35	1.97	0.00	30.50	3.35	1.97	0.00
27.95	3.35	1.97	0.00	30.55	3.35	1.97	0.00
28.00	3.35	1.97	0.00	30.60	3.35	1.97	0.00
28.05	3.35	1.97	0.00	30.65	3.35	1.97	0.00
28.10	3.35	1.97	0.00	30.70	3.35	1.97	0.00
28.15	3.35	1.97	0.00	30.75	3.35	1.97	0.00
28.20	3.35	1.97	0.00	30.80	3.35	1.97	0.00
28.25	3.35	1.97	0.00	30.85	3.35	1.97	0.00
28.30	3.35	1.97	0.00	30.90	3.35	1.97	0.00
28.35	3.35	1.97	0.00	30.95	3.35	1.97	0.00
28.40	3.35	1.97	0.00	31.00	3.35	1.97	0.00
28.45	3.35	1.97	0.00	31.05	3.35	1.97	0.00
28.50	3.35	1.97	0.00	31.10	3.35	1.97	0.00
28.55	3.35	1.97	0.00	31.15	3.35	1.97	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.97	0.00	33.80	3.35	1.97	0.00
31.25	3.35	1.97	0.00	33.85	3.35	1.97	0.00
31.30	3.35	1.97	0.00	33.90	3.35	1.97	0.00
31.35	3.35	1.97	0.00	33.95	3.35	1.97	0.00
31.40	3.35	1.97	0.00	34.00	3.35	1.97	0.00
31.45	3.35	1.97	0.00	34.05	3.35	1.97	0.00
31.50	3.35	1.97	0.00	34.10	3.35	1.97	0.00
31.55	3.35	1.97	0.00	34.15	3.35	1.97	0.00
31.60	3.35	1.97	0.00	34.20	3.35	1.97	0.00
31.65	3.35	1.97	0.00	34.25	3.35	1.97	0.00
31.70	3.35	1.97	0.00	34.30	3.35	1.97	0.00
31.75	3.35	1.97	0.00	34.35	3.35	1.97	0.00
31.80	3.35	1.97	0.00	34.40	3.35	1.97	0.00
31.85	3.35	1.97	0.00	34.45	3.35	1.97	0.00
31.90	3.35	1.97	0.00	34.50	3.35	1.97	0.00
31.95	3.35	1.97	0.00	34.55	3.35	1.97	0.00
32.00	3.35	1.97	0.00	34.60	3.35	1.97	0.00
32.05	3.35	1.97	0.00	34.65	3.35	1.97	0.00
32.10	3.35	1.97	0.00	34.70	3.35	1.97	0.00
32.15	3.35	1.97	0.00	34.75	3.35	1.97	0.00
32.20	3.35	1.97	0.00	34.80	3.35	1.97	0.00
32.25	3.35	1.97	0.00	34.85	3.35	1.97	0.00
32.30	3.35	1.97	0.00	34.90	3.35	1.97	0.00
32.35	3.35	1.97	0.00	34.95	3.35	1.97	0.00
32.40	3.35	1.97	0.00	35.00	3.35	1.97	0.00
32.45	3.35	1.97	0.00	35.05	3.35	1.97	0.00
32.50	3.35	1.97	0.00	35.10	3.35	1.97	0.00
32.55	3.35	1.97	0.00	35.15	3.35	1.97	0.00
32.60	3.35	1.97	0.00	35.20	3.35	1.97	0.00
32.65	3.35	1.97	0.00	35.25	3.35	1.97	0.00
32.70	3.35	1.97	0.00	35.30	3.35	1.97	0.00
32.75	3.35	1.97	0.00	35.35	3.35	1.97	0.00
32.80	3.35	1.97	0.00	35.40	3.35	1.97	0.00
32.85	3.35	1.97	0.00	35.45	3.35	1.97	0.00
32.90	3.35	1.97	0.00	35.50	3.35	1.97	0.00
32.95	3.35	1.97	0.00	35.55	3.35	1.97	0.00
33.00	3.35	1.97	0.00	35.60	3.35	1.97	0.00
33.05	3.35	1.97	0.00	35.65	3.35	1.97	0.00
33.10	3.35	1.97	0.00	35.70	3.35	1.97	0.00
33.15	3.35	1.97	0.00	35.75	3.35	1.97	0.00
33.20	3.35	1.97	0.00	35.80	3.35	1.97	0.00
33.25	3.35	1.97	0.00	35.85	3.35	1.97	0.00
33.30	3.35	1.97	0.00	35.90	3.35	1.97	0.00
33.35	3.35	1.97	0.00	35.95	3.35	1.97	0.00
33.40	3.35	1.97	0.00	36.00	3.35	1.97	0.00
33.45	3.35	1.97	0.00	36.05	3.35	1.97	0.00
33.50	3.35	1.97	0.00	36.10	3.35	1.97	0.00
33.55	3.35	1.97	0.00	36.15	3.35	1.97	0.00
33.60	3.35	1.97	0.00	36.20	3.35	1.97	0.00
33.65	3.35	1.97	0.00	36.25	3.35	1.97	0.00
33.70	3.35	1.97	0.00	36.30	3.35	1.97	0.00
33.75	3.35	1.97	0.00	36.35	3.35	1.97	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.97	0.00	39.00	3.35	1.97	0.00
36.45	3.35	1.97	0.00	39.05	3.35	1.97	0.00
36.50	3.35	1.97	0.00	39.10	3.35	1.97	0.00
36.55	3.35	1.97	0.00	39.15	3.35	1.97	0.00
36.60	3.35	1.97	0.00	39.20	3.35	1.97	0.00
36.65	3.35	1.97	0.00	39.25	3.35	1.97	0.00
36.70	3.35	1.97	0.00	39.30	3.35	1.97	0.00
36.75	3.35	1.97	0.00	39.35	3.35	1.97	0.00
36.80	3.35	1.97	0.00	39.40	3.35	1.97	0.00
36.85	3.35	1.97	0.00	39.45	3.35	1.97	0.00
36.90	3.35	1.97	0.00	39.50	3.35	1.97	0.00
36.95	3.35	1.97	0.00	39.55	3.35	1.97	0.00
37.00	3.35	1.97	0.00	39.60	3.35	1.97	0.00
37.05	3.35	1.97	0.00	39.65	3.35	1.97	0.00
37.10	3.35	1.97	0.00	39.70	3.35	1.97	0.00
37.15	3.35	1.97	0.00	39.75	3.35	1.97	0.00
37.20	3.35	1.97	0.00	39.80	3.35	1.97	0.00
37.25	3.35	1.97	0.00	39.85	3.35	1.97	0.00
37.30	3.35	1.97	0.00	39.90	3.35	1.97	0.00
37.35	3.35	1.97	0.00	39.95	3.35	1.97	0.00
37.40	3.35	1.97	0.00	40.00	3.35	1.97	0.00
37.45	3.35	1.97	0.00				
37.50	3.35	1.97	0.00				
37.55	3.35	1.97	0.00				
37.60	3.35	1.97	0.00				
37.65	3.35	1.97	0.00				
37.70	3.35	1.97	0.00				
37.75	3.35	1.97	0.00				
37.80	3.35	1.97	0.00				
37.85	3.35	1.97	0.00				
37.90	3.35	1.97	0.00				
37.95	3.35	1.97	0.00				
38.00	3.35	1.97	0.00				
38.05	3.35	1.97	0.00				
38.10	3.35	1.97	0.00				
38.15	3.35	1.97	0.00				
38.20	3.35	1.97	0.00				
38.25	3.35	1.97	0.00				
38.30	3.35	1.97	0.00				
38.35	3.35	1.97	0.00				
38.40	3.35	1.97	0.00				
38.45	3.35	1.97	0.00				
38.50	3.35	1.97	0.00				
38.55	3.35	1.97	0.00				
38.60	3.35	1.97	0.00				
38.65	3.35	1.97	0.00				
38.70	3.35	1.97	0.00				
38.75	3.35	1.97	0.00				
38.80	3.35	1.97	0.00				
38.85	3.35	1.97	0.00				
38.90	3.35	1.97	0.00				
38.95	3.35	1.97	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 2.46 cfs @ 12.17 hrs, Volume= 0.211 af, Depth= 3.12"
 Routed to Pond B-28 : Basin #28

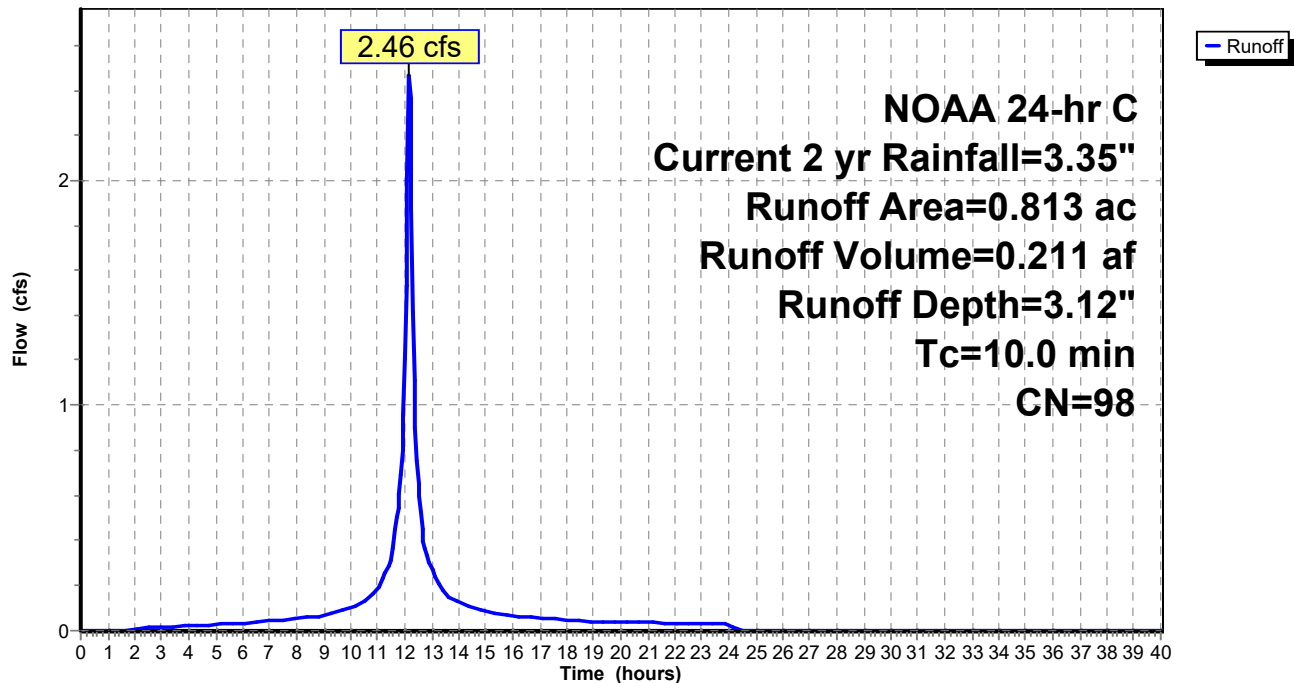
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.06
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.06
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.06
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.07
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.07
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.07
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.07
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.07
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.07
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.07
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.08
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.08
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.08
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.08
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.09
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.09
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.09
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.09
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.10
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.10
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.10
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.10
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.10
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.11
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.11
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.11
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.11
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.11
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.12
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.12
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.12

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.12	13.00	2.55	2.32	0.28
10.45	0.68	0.49	0.12	13.05	2.56	2.33	0.26
10.50	0.69	0.49	0.13	13.10	2.57	2.34	0.25
10.55	0.70	0.50	0.13	13.15	2.58	2.36	0.23
10.60	0.71	0.51	0.13	13.20	2.60	2.37	0.22
10.65	0.72	0.52	0.14	13.25	2.61	2.38	0.21
10.70	0.73	0.53	0.15	13.30	2.62	2.39	0.20
10.75	0.74	0.54	0.15	13.35	2.63	2.40	0.19
10.80	0.75	0.55	0.16	13.40	2.64	2.41	0.19
10.85	0.77	0.57	0.17	13.45	2.65	2.42	0.18
10.90	0.78	0.58	0.18	13.50	2.66	2.43	0.17
10.95	0.79	0.59	0.18	13.55	2.67	2.44	0.16
11.00	0.80	0.60	0.19	13.60	2.68	2.45	0.15
11.05	0.82	0.62	0.20	13.65	2.68	2.45	0.15
11.10	0.83	0.63	0.21	13.70	2.69	2.46	0.14
11.15	0.85	0.65	0.22	13.75	2.70	2.47	0.14
11.20	0.87	0.66	0.24	13.80	2.71	2.48	0.13
11.25	0.89	0.68	0.25	13.85	2.72	2.49	0.13
11.30	0.91	0.70	0.26	13.90	2.72	2.49	0.13
11.35	0.93	0.72	0.28	13.95	2.73	2.50	0.13
11.40	0.95	0.74	0.29	14.00	2.74	2.51	0.13
11.45	0.97	0.76	0.31	14.05	2.75	2.52	0.12
11.50	0.99	0.78	0.32	14.10	2.75	2.52	0.12
11.55	1.02	0.81	0.34	14.15	2.76	2.53	0.12
11.60	1.06	0.85	0.39	14.20	2.77	2.54	0.12
11.65	1.09	0.88	0.45	14.25	2.77	2.54	0.12
11.70	1.13	0.92	0.50	14.30	2.78	2.55	0.11
11.75	1.18	0.96	0.54	14.35	2.79	2.56	0.11
11.80	1.23	1.01	0.60	14.40	2.79	2.56	0.11
11.85	1.29	1.08	0.69	14.45	2.80	2.57	0.11
11.90	1.36	1.14	0.80	14.50	2.81	2.58	0.11
11.95	1.48	1.26	0.96	14.55	2.81	2.58	0.10
12.00	1.60	1.38	1.20	14.60	2.82	2.59	0.10
12.05	1.79	1.57	1.53	14.65	2.82	2.59	0.10
12.10	1.99	1.76	1.99	14.70	2.83	2.60	0.10
12.15	2.06	1.83	2.43	14.75	2.84	2.60	0.10
12.20	2.12	1.90	2.36	14.80	2.84	2.61	0.09
12.25	2.17	1.95	1.87	14.85	2.85	2.61	0.09
12.30	2.22	1.99	1.41	14.90	2.85	2.62	0.09
12.35	2.26	2.03	1.11	14.95	2.86	2.62	0.09
12.40	2.29	2.06	0.90	15.00	2.86	2.63	0.08
12.45	2.33	2.10	0.75	15.05	2.87	2.63	0.08
12.50	2.36	2.13	0.66	15.10	2.87	2.64	0.08
12.55	2.38	2.15	0.60	15.15	2.87	2.64	0.08
12.60	2.40	2.18	0.53	15.20	2.88	2.65	0.08
12.65	2.42	2.20	0.45	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.40	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.36	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.34	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.32	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.31	15.50	2.91	2.68	0.07
12.95	2.53	2.30	0.29	15.55	2.91	2.68	0.07

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.07	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.07	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.07	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.07	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.07	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.07	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.07	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.07	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.07	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.06	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.06	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.06	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.06	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 1.86 cfs @ 12.18 hrs, Volume= 0.144 af, Depth= 1.14"
 Routed to Pond B-28 : Basin #28

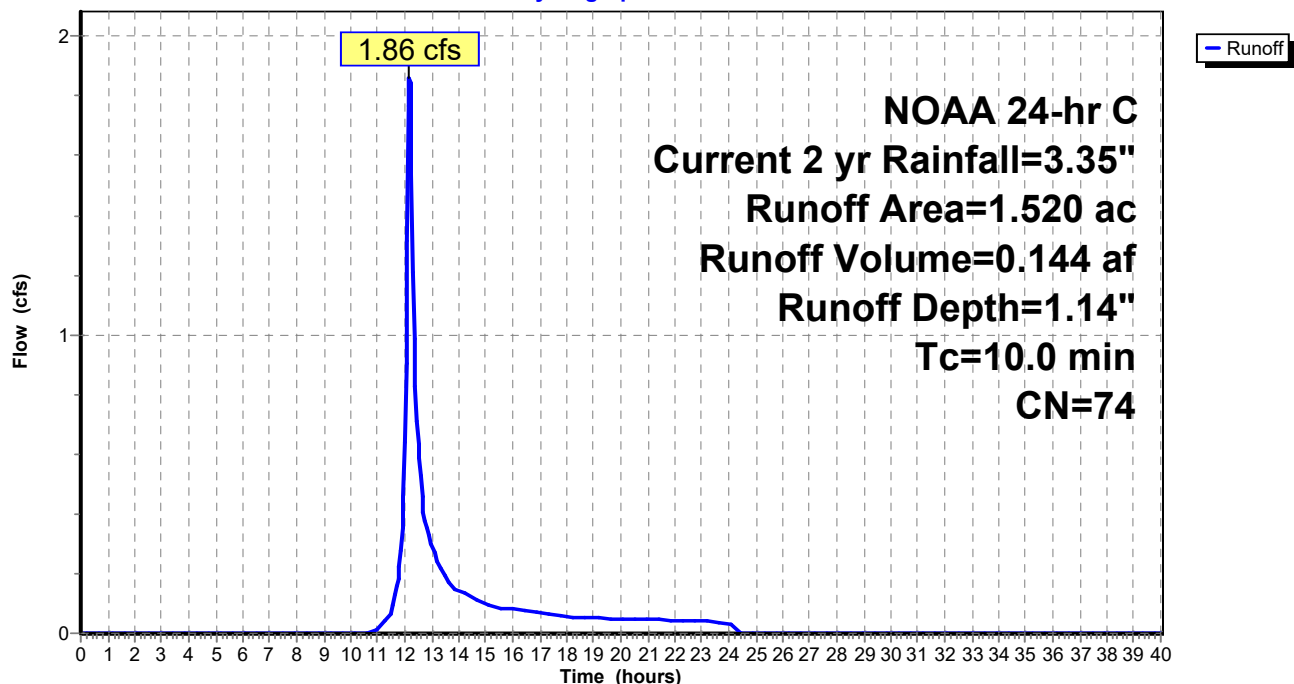
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.29
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.28
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.26
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.25
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.24
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.23
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.22
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.21
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.20
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.19
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.19
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.18
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.17
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.16
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.16
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.15
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.15
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.15
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.15
11.35	0.93	0.01	0.05	13.95	2.73	0.74	0.14
11.40	0.95	0.02	0.06	14.00	2.74	0.75	0.14
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.14
11.50	0.99	0.02	0.07	14.10	2.75	0.76	0.14
11.55	1.02	0.03	0.08	14.15	2.76	0.76	0.13
11.60	1.06	0.03	0.10	14.20	2.77	0.76	0.13
11.65	1.09	0.04	0.13	14.25	2.77	0.77	0.13
11.70	1.13	0.05	0.16	14.30	2.78	0.77	0.13
11.75	1.18	0.06	0.18	14.35	2.79	0.78	0.13
11.80	1.23	0.07	0.22	14.40	2.79	0.78	0.12
11.85	1.29	0.09	0.28	14.45	2.80	0.78	0.12
11.90	1.36	0.10	0.35	14.50	2.81	0.79	0.12
11.95	1.48	0.14	0.46	14.55	2.81	0.79	0.12
12.00	1.60	0.18	0.64	14.60	2.82	0.80	0.12
12.05	1.79	0.26	0.90	14.65	2.82	0.80	0.11
12.10	1.99	0.34	1.31	14.70	2.83	0.80	0.11
12.15	2.06	0.38	1.77	14.75	2.84	0.81	0.11
12.20	2.12	0.41	1.84	14.80	2.84	0.81	0.11
12.25	2.17	0.43	1.54	14.85	2.85	0.81	0.10
12.30	2.22	0.46	1.21	14.90	2.85	0.82	0.10
12.35	2.26	0.48	0.99	14.95	2.86	0.82	0.10
12.40	2.29	0.50	0.83	15.00	2.86	0.82	0.10
12.45	2.33	0.51	0.71	15.05	2.87	0.82	0.10
12.50	2.36	0.53	0.63	15.10	2.87	0.83	0.09
12.55	2.38	0.54	0.58	15.15	2.87	0.83	0.09
12.60	2.40	0.55	0.53	15.20	2.88	0.83	0.09
12.65	2.42	0.57	0.46	15.25	2.88	0.84	0.09
12.70	2.44	0.58	0.40	15.30	2.89	0.84	0.09
12.75	2.46	0.59	0.37	15.35	2.89	0.84	0.09
12.80	2.48	0.60	0.35	15.40	2.90	0.84	0.09
12.85	2.50	0.61	0.34	15.45	2.90	0.85	0.09
12.90	2.52	0.62	0.32	15.50	2.91	0.85	0.09
12.95	2.53	0.63	0.31	15.55	2.91	0.85	0.09

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.08	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.08	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.08	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.08	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.08	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.08	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.08	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.08	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.08	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.08	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.08	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.08	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.08	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.08	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.08	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.08	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.08	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.07	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.07	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.07	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.07	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.07	19.25	3.15	1.00	0.05
16.70	3.00	0.91	0.07	19.30	3.15	1.01	0.05
16.75	3.01	0.91	0.07	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.07	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.07	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.07	19.50	3.16	1.01	0.05
16.95	3.02	0.92	0.07	19.55	3.16	1.01	0.05
17.00	3.02	0.92	0.07	19.60	3.17	1.02	0.05
17.05	3.03	0.93	0.07	19.65	3.17	1.02	0.05
17.10	3.03	0.93	0.07	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.07	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.07	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.07	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.05
17.40	3.05	0.94	0.06	20.00	3.19	1.03	0.05
17.45	3.05	0.94	0.06	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.06	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.06	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.06	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.06	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.06	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.06	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.06	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.06	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.06	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.06	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 11.51 cfs @ 12.18 hrs, Volume= 0.892 af, Depth= 1.14"

Routed to Link PDA-2 : Proposed Drainage Area #2

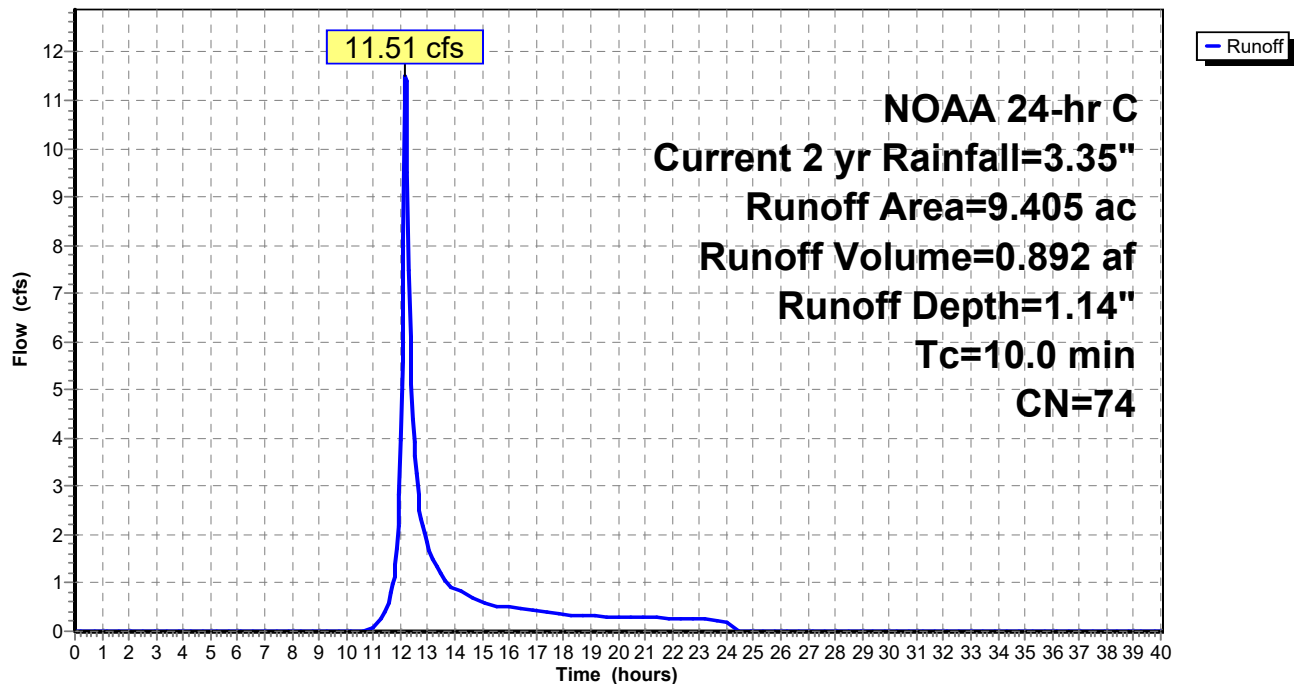
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	1.81
10.45	0.68	0.00	0.00	13.05	2.56	0.64	1.72
10.50	0.69	0.00	0.00	13.10	2.57	0.65	1.63
10.55	0.70	0.00	0.00	13.15	2.58	0.66	1.54
10.60	0.71	0.00	0.00	13.20	2.60	0.66	1.47
10.65	0.72	0.00	0.00	13.25	2.61	0.67	1.41
10.70	0.73	0.00	0.00	13.30	2.62	0.68	1.35
10.75	0.74	0.00	0.01	13.35	2.63	0.68	1.30
10.80	0.75	0.00	0.02	13.40	2.64	0.69	1.25
10.85	0.77	0.00	0.03	13.45	2.65	0.69	1.20
10.90	0.78	0.00	0.05	13.50	2.66	0.70	1.15
10.95	0.79	0.00	0.06	13.55	2.67	0.70	1.10
11.00	0.80	0.00	0.08	13.60	2.68	0.71	1.05
11.05	0.82	0.00	0.10	13.65	2.68	0.71	1.00
11.10	0.83	0.00	0.12	13.70	2.69	0.72	0.97
11.15	0.85	0.01	0.15	13.75	2.70	0.72	0.94
11.20	0.87	0.01	0.18	13.80	2.71	0.73	0.93
11.25	0.89	0.01	0.22	13.85	2.72	0.73	0.91
11.30	0.91	0.01	0.25	13.90	2.72	0.74	0.90
11.35	0.93	0.01	0.30	13.95	2.73	0.74	0.89
11.40	0.95	0.02	0.34	14.00	2.74	0.75	0.87
11.45	0.97	0.02	0.39	14.05	2.75	0.75	0.86
11.50	0.99	0.02	0.45	14.10	2.75	0.76	0.85
11.55	1.02	0.03	0.51	14.15	2.76	0.76	0.83
11.60	1.06	0.03	0.64	14.20	2.77	0.76	0.82
11.65	1.09	0.04	0.81	14.25	2.77	0.77	0.81
11.70	1.13	0.05	0.98	14.30	2.78	0.77	0.80
11.75	1.18	0.06	1.14	14.35	2.79	0.78	0.78
11.80	1.23	0.07	1.38	14.40	2.79	0.78	0.77
11.85	1.29	0.09	1.71	14.45	2.80	0.78	0.76
11.90	1.36	0.10	2.19	14.50	2.81	0.79	0.74
11.95	1.48	0.14	2.85	14.55	2.81	0.79	0.73
12.00	1.60	0.18	3.95	14.60	2.82	0.80	0.72
12.05	1.79	0.26	5.59	14.65	2.82	0.80	0.70
12.10	1.99	0.34	8.13	14.70	2.83	0.80	0.69
12.15	2.06	0.38	10.94	14.75	2.84	0.81	0.68
12.20	2.12	0.41	11.40	14.80	2.84	0.81	0.66
12.25	2.17	0.43	9.50	14.85	2.85	0.81	0.65
12.30	2.22	0.46	7.48	14.90	2.85	0.82	0.63
12.35	2.26	0.48	6.10	14.95	2.86	0.82	0.62
12.40	2.29	0.50	5.11	15.00	2.86	0.82	0.61
12.45	2.33	0.51	4.38	15.05	2.87	0.82	0.59
12.50	2.36	0.53	3.91	15.10	2.87	0.83	0.58
12.55	2.38	0.54	3.62	15.15	2.87	0.83	0.57
12.60	2.40	0.55	3.25	15.20	2.88	0.83	0.56
12.65	2.42	0.57	2.82	15.25	2.88	0.84	0.55
12.70	2.44	0.58	2.50	15.30	2.89	0.84	0.54
12.75	2.46	0.59	2.31	15.35	2.89	0.84	0.54
12.80	2.48	0.60	2.18	15.40	2.90	0.84	0.54
12.85	2.50	0.61	2.08	15.45	2.90	0.85	0.53
12.90	2.52	0.62	1.99	15.50	2.91	0.85	0.53
12.95	2.53	0.63	1.90	15.55	2.91	0.85	0.53

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.52	18.20	3.10	0.97	0.33
15.65	2.92	0.86	0.52	18.25	3.10	0.97	0.33
15.70	2.92	0.86	0.52	18.30	3.10	0.97	0.33
15.75	2.93	0.86	0.51	18.35	3.10	0.97	0.33
15.80	2.93	0.87	0.51	18.40	3.11	0.98	0.33
15.85	2.94	0.87	0.50	18.45	3.11	0.98	0.33
15.90	2.94	0.87	0.50	18.50	3.11	0.98	0.32
15.95	2.94	0.87	0.50	18.55	3.11	0.98	0.32
16.00	2.95	0.88	0.49	18.60	3.12	0.98	0.32
16.05	2.95	0.88	0.49	18.65	3.12	0.98	0.32
16.10	2.96	0.88	0.49	18.70	3.12	0.99	0.32
16.15	2.96	0.88	0.48	18.75	3.12	0.99	0.32
16.20	2.96	0.89	0.48	18.80	3.13	0.99	0.32
16.25	2.97	0.89	0.48	18.85	3.13	0.99	0.32
16.30	2.97	0.89	0.47	18.90	3.13	0.99	0.32
16.35	2.98	0.89	0.47	18.95	3.13	0.99	0.32
16.40	2.98	0.90	0.47	19.00	3.14	1.00	0.32
16.45	2.98	0.90	0.46	19.05	3.14	1.00	0.32
16.50	2.99	0.90	0.46	19.10	3.14	1.00	0.31
16.55	2.99	0.90	0.45	19.15	3.14	1.00	0.31
16.60	3.00	0.91	0.45	19.20	3.15	1.00	0.31
16.65	3.00	0.91	0.45	19.25	3.15	1.00	0.31
16.70	3.00	0.91	0.44	19.30	3.15	1.01	0.31
16.75	3.01	0.91	0.44	19.35	3.15	1.01	0.31
16.80	3.01	0.91	0.44	19.40	3.16	1.01	0.31
16.85	3.01	0.92	0.43	19.45	3.16	1.01	0.31
16.90	3.02	0.92	0.43	19.50	3.16	1.01	0.31
16.95	3.02	0.92	0.43	19.55	3.16	1.01	0.31
17.00	3.02	0.92	0.42	19.60	3.17	1.02	0.31
17.05	3.03	0.93	0.42	19.65	3.17	1.02	0.30
17.10	3.03	0.93	0.42	19.70	3.17	1.02	0.30
17.15	3.03	0.93	0.41	19.75	3.17	1.02	0.30
17.20	3.04	0.93	0.41	19.80	3.18	1.02	0.30
17.25	3.04	0.93	0.40	19.85	3.18	1.02	0.30
17.30	3.04	0.94	0.40	19.90	3.18	1.03	0.30
17.35	3.05	0.94	0.40	19.95	3.18	1.03	0.30
17.40	3.05	0.94	0.39	20.00	3.19	1.03	0.30
17.45	3.05	0.94	0.39	20.05	3.19	1.03	0.30
17.50	3.06	0.94	0.38	20.10	3.19	1.03	0.30
17.55	3.06	0.95	0.38	20.15	3.19	1.03	0.30
17.60	3.06	0.95	0.38	20.20	3.20	1.03	0.29
17.65	3.06	0.95	0.37	20.25	3.20	1.04	0.29
17.70	3.07	0.95	0.37	20.30	3.20	1.04	0.29
17.75	3.07	0.95	0.37	20.35	3.20	1.04	0.29
17.80	3.07	0.96	0.36	20.40	3.20	1.04	0.29
17.85	3.08	0.96	0.36	20.45	3.21	1.04	0.29
17.90	3.08	0.96	0.35	20.50	3.21	1.04	0.29
17.95	3.08	0.96	0.35	20.55	3.21	1.05	0.29
18.00	3.08	0.96	0.35	20.60	3.21	1.05	0.29
18.05	3.09	0.96	0.34	20.65	3.22	1.05	0.29
18.10	3.09	0.97	0.34	20.70	3.22	1.05	0.29
18.15	3.09	0.97	0.33	20.75	3.22	1.05	0.28

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.28	23.40	3.33	1.12	0.23
20.85	3.23	1.05	0.28	23.45	3.33	1.12	0.23
20.90	3.23	1.06	0.28	23.50	3.33	1.13	0.23
20.95	3.23	1.06	0.28	23.55	3.33	1.13	0.23
21.00	3.23	1.06	0.28	23.60	3.34	1.13	0.23
21.05	3.23	1.06	0.28	23.65	3.34	1.13	0.23
21.10	3.24	1.06	0.28	23.70	3.34	1.13	0.23
21.15	3.24	1.06	0.28	23.75	3.34	1.13	0.23
21.20	3.24	1.06	0.28	23.80	3.34	1.13	0.23
21.25	3.24	1.07	0.27	23.85	3.34	1.13	0.22
21.30	3.24	1.07	0.27	23.90	3.35	1.13	0.22
21.35	3.25	1.07	0.27	23.95	3.35	1.14	0.22
21.40	3.25	1.07	0.27	24.00	3.35	1.14	0.23
21.45	3.25	1.07	0.27	24.05	3.35	1.14	0.24
21.50	3.25	1.07	0.27	24.10	3.35	1.14	0.20
21.55	3.26	1.07	0.27	24.15	3.35	1.14	0.12
21.60	3.26	1.08	0.27	24.20	3.35	1.14	0.06
21.65	3.26	1.08	0.27	24.25	3.35	1.14	0.03
21.70	3.26	1.08	0.27	24.30	3.35	1.14	0.01
21.75	3.26	1.08	0.27	24.35	3.35	1.14	0.01
21.80	3.27	1.08	0.26	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.26	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.26	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.26	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.26	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.26	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.26	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.26	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.26	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.26	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.26	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.25	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.25	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.25	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.25	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.25	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.25	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.25	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.25	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.25	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.24	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.24	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.24	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.24	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.24	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.24	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.24	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.24	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.24	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.24	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.23	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.23	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 1.77" for Current 2 yr event
 Inflow = 2.53 cfs @ 12.18 hrs, Volume= 0.208 af
 Outflow = 0.20 cfs @ 13.57 hrs, Volume= 0.163 af, Atten= 92%, Lag= 83.4 min
 Primary = 0.20 cfs @ 13.57 hrs, Volume= 0.163 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 188.95' @ 13.57 hrs Surf.Area= 2,594 sf Storage= 5,365 cf

Plug-Flow detention time= 362.2 min calculated for 0.162 af (78% of inflow)
 Center-of-Mass det. time= 274.2 min (1,081.0 - 806.8)

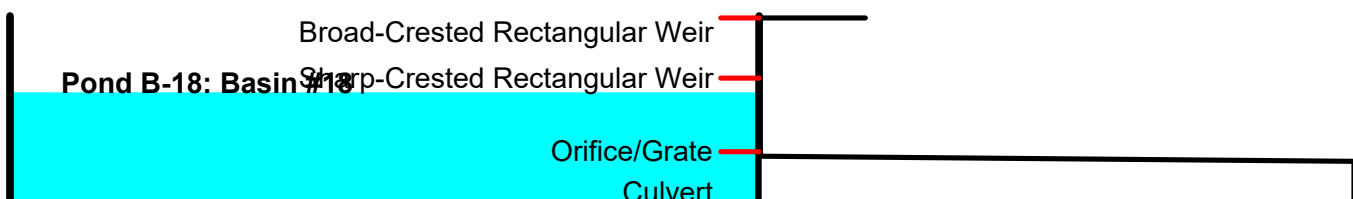
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

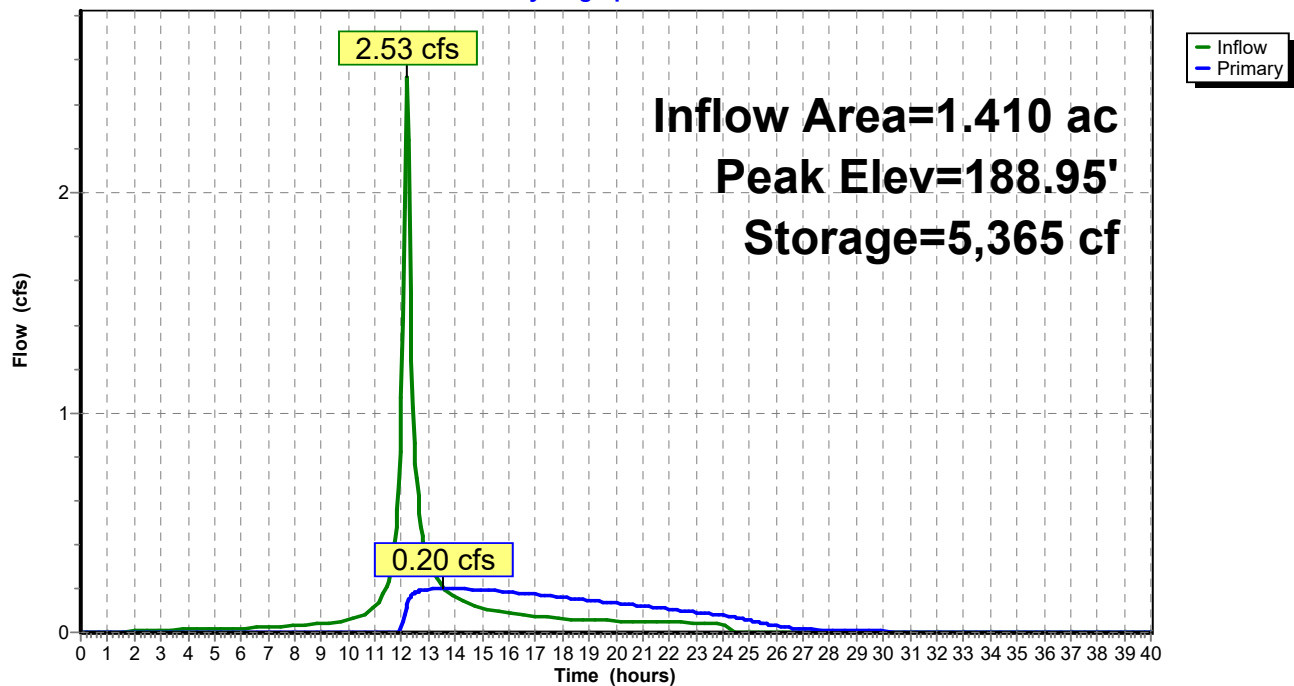
Primary OutFlow Max=0.20 cfs @ 13.57 hrs HW=188.95' (Free Discharge)

1=Culvert (Passes 0.20 cfs of 9.01 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.85 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	0	186.00	0.00
1.20	0.00	0	186.00	0.00
1.30	0.00	0	186.00	0.00
1.40	0.00	0	186.00	0.00
1.50	0.00	1	186.00	0.00
1.60	0.00	1	186.00	0.00
1.70	0.00	2	186.00	0.00
1.80	0.00	3	186.00	0.00
1.90	0.00	4	186.00	0.00
2.00	0.00	6	186.01	0.00
2.10	0.00	7	186.01	0.00
2.20	0.01	9	186.01	0.00
2.30	0.01	11	186.01	0.00
2.40	0.01	13	186.01	0.00
2.50	0.01	16	186.01	0.00
2.60	0.01	18	186.02	0.00
2.70	0.01	21	186.02	0.00
2.80	0.01	24	186.02	0.00
2.90	0.01	27	186.02	0.00
3.00	0.01	30	186.03	0.00
3.10	0.01	33	186.03	0.00
3.20	0.01	36	186.03	0.00
3.30	0.01	40	186.04	0.00
3.40	0.01	44	186.04	0.00
3.50	0.01	47	186.04	0.00
3.60	0.01	51	186.05	0.00
3.70	0.01	56	186.05	0.00
3.80	0.01	60	186.05	0.00
3.90	0.01	64	186.06	0.00
4.00	0.01	69	186.06	0.00
4.10	0.01	73	186.06	0.00
4.20	0.01	78	186.07	0.00
4.30	0.01	83	186.07	0.00
4.40	0.01	88	186.08	0.00
4.50	0.01	93	186.08	0.00
4.60	0.01	98	186.09	0.00
4.70	0.01	103	186.09	0.00
4.80	0.02	109	186.10	0.00
4.90	0.02	114	186.10	0.00
5.00	0.02	120	186.10	0.00
5.10	0.02	126	186.11	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	131	186.11	0.00
5.30	0.02	137	186.12	0.00
5.40	0.02	143	186.12	0.00
5.50	0.02	150	186.13	0.00
5.60	0.02	156	186.14	0.00
5.70	0.02	162	186.14	0.00
5.80	0.02	169	186.15	0.00
5.90	0.02	175	186.15	0.00
6.00	0.02	182	186.16	0.00
6.10	0.02	189	186.16	0.00
6.20	0.02	196	186.17	0.00
6.30	0.02	203	186.17	0.00
6.40	0.02	210	186.18	0.00
6.50	0.02	218	186.19	0.00
6.60	0.02	225	186.19	0.00
6.70	0.02	233	186.20	0.00
6.80	0.02	242	186.21	0.00
6.90	0.02	250	186.21	0.00
7.00	0.02	259	186.22	0.00
7.10	0.03	268	186.23	0.00
7.20	0.03	277	186.24	0.00
7.30	0.03	286	186.24	0.00
7.40	0.03	296	186.25	0.00
7.50	0.03	306	186.26	0.00
7.60	0.03	316	186.27	0.00
7.70	0.03	326	186.28	0.00
7.80	0.03	337	186.28	0.00
7.90	0.03	348	186.29	0.00
8.00	0.03	359	186.30	0.00
8.10	0.03	370	186.31	0.00
8.20	0.03	381	186.32	0.00
8.30	0.03	393	186.33	0.00
8.40	0.03	405	186.34	0.00
8.50	0.03	417	186.35	0.00
8.60	0.04	430	186.36	0.00
8.70	0.04	443	186.37	0.00
8.80	0.04	456	186.38	0.00
8.90	0.04	469	186.39	0.00
9.00	0.04	482	186.40	0.00
9.10	0.04	496	186.41	0.00
9.20	0.04	510	186.42	0.00
9.30	0.04	525	186.43	0.00
9.40	0.04	541	186.44	0.00
9.50	0.05	558	186.46	0.00
9.60	0.05	575	186.47	0.00
9.70	0.05	593	186.48	0.00
9.80	0.05	612	186.50	0.00
9.90	0.06	632	186.51	0.00
10.00	0.06	652	186.53	0.00
10.10	0.06	674	186.54	0.00
10.20	0.06	696	186.56	0.00
10.30	0.07	719	186.58	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.07	743	186.59	0.00
10.50	0.07	768	186.61	0.00
10.60	0.07	794	186.63	0.00
10.70	0.08	821	186.65	0.00
10.80	0.09	852	186.67	0.00
10.90	0.10	887	186.70	0.00
11.00	0.11	926	186.72	0.00
11.10	0.13	970	186.75	0.00
11.20	0.15	1,020	186.79	0.00
11.30	0.17	1,078	186.83	0.00
11.40	0.20	1,144	186.87	0.00
11.50	0.22	1,220	186.92	0.00
11.60	0.28	1,308	186.98	0.00
11.70	0.38	1,427	187.05	0.00
11.80	0.47	1,579	187.15	0.00
11.90	0.67	1,782	187.27	0.00
12.00	1.07	2,085	187.44	0.01
12.10	1.93	2,593	187.72	0.08
12.20	2.47	3,394	188.11	0.13
12.30	1.55	4,064	188.42	0.16
12.40	1.02	4,458	188.58	0.17
12.50	0.76	4,710	188.69	0.18
12.60	0.62	4,894	188.76	0.19
12.70	0.48	5,022	188.81	0.19
12.80	0.41	5,112	188.85	0.19
12.90	0.37	5,183	188.88	0.19
13.00	0.34	5,241	188.90	0.20
13.10	0.30	5,285	188.92	0.20
13.20	0.27	5,318	188.93	0.20
13.30	0.25	5,340	188.94	0.20
13.40	0.23	5,355	188.94	0.20
13.50	0.21	5,363	188.95	0.20
13.60	0.19	5,364	188.95	0.20
13.70	0.18	5,359	188.95	0.20
13.80	0.17	5,350	188.94	0.20
13.90	0.16	5,338	188.94	0.20
14.00	0.16	5,325	188.93	0.20
14.10	0.15	5,310	188.93	0.20
14.20	0.15	5,293	188.92	0.20
14.30	0.14	5,275	188.91	0.20
14.40	0.14	5,255	188.91	0.20
14.50	0.13	5,234	188.90	0.20
14.60	0.13	5,211	188.89	0.20
14.70	0.12	5,186	188.88	0.19
14.80	0.12	5,160	188.87	0.19
14.90	0.11	5,132	188.86	0.19
15.00	0.11	5,103	188.85	0.19
15.10	0.10	5,072	188.83	0.19
15.20	0.10	5,040	188.82	0.19
15.30	0.10	5,007	188.81	0.19
15.40	0.10	4,974	188.80	0.19
15.50	0.09	4,941	188.78	0.19

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	4,907	188.77	0.19
15.70	0.09	4,874	188.75	0.19
15.80	0.09	4,840	188.74	0.18
15.90	0.09	4,806	188.73	0.18
16.00	0.09	4,772	188.71	0.18
16.10	0.09	4,738	188.70	0.18
16.20	0.09	4,703	188.69	0.18
16.30	0.08	4,669	188.67	0.18
16.40	0.08	4,635	188.66	0.18
16.50	0.08	4,600	188.64	0.18
16.60	0.08	4,566	188.63	0.18
16.70	0.08	4,531	188.61	0.18
16.80	0.08	4,496	188.60	0.17
16.90	0.08	4,461	188.59	0.17
17.00	0.07	4,426	188.57	0.17
17.10	0.07	4,391	188.56	0.17
17.20	0.07	4,356	188.54	0.17
17.30	0.07	4,321	188.53	0.17
17.40	0.07	4,286	188.51	0.17
17.50	0.07	4,251	188.50	0.17
17.60	0.07	4,215	188.48	0.16
17.70	0.07	4,180	188.47	0.16
17.80	0.06	4,144	188.45	0.16
17.90	0.06	4,109	188.44	0.16
18.00	0.06	4,073	188.42	0.16
18.10	0.06	4,038	188.40	0.16
18.20	0.06	4,002	188.39	0.16
18.30	0.06	3,967	188.37	0.16
18.40	0.06	3,932	188.36	0.15
18.50	0.06	3,897	188.34	0.15
18.60	0.06	3,863	188.33	0.15
18.70	0.06	3,829	188.31	0.15
18.80	0.06	3,795	188.30	0.15
18.90	0.06	3,762	188.28	0.15
19.00	0.06	3,729	188.27	0.15
19.10	0.06	3,697	188.25	0.14
19.20	0.05	3,665	188.24	0.14
19.30	0.05	3,633	188.22	0.14
19.40	0.05	3,601	188.21	0.14
19.50	0.05	3,570	188.20	0.14
19.60	0.05	3,540	188.18	0.14
19.70	0.05	3,509	188.17	0.14
19.80	0.05	3,480	188.15	0.14
19.90	0.05	3,450	188.14	0.13
20.00	0.05	3,421	188.13	0.13
20.10	0.05	3,392	188.11	0.13
20.20	0.05	3,364	188.10	0.13
20.30	0.05	3,336	188.09	0.13
20.40	0.05	3,308	188.07	0.13
20.50	0.05	3,281	188.06	0.13
20.60	0.05	3,254	188.05	0.12
20.70	0.05	3,228	188.03	0.12

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	3,202	188.02	0.12
20.90	0.05	3,176	188.01	0.12
21.00	0.05	3,150	188.00	0.12
21.10	0.05	3,125	187.99	0.12
21.20	0.05	3,101	187.97	0.12
21.30	0.05	3,077	187.96	0.11
21.40	0.05	3,053	187.95	0.11
21.50	0.05	3,029	187.94	0.11
21.60	0.05	3,006	187.93	0.11
21.70	0.05	2,983	187.92	0.11
21.80	0.05	2,961	187.90	0.11
21.90	0.05	2,939	187.89	0.11
22.00	0.05	2,917	187.88	0.10
22.10	0.04	2,896	187.87	0.10
22.20	0.04	2,875	187.86	0.10
22.30	0.04	2,855	187.85	0.10
22.40	0.04	2,834	187.84	0.10
22.50	0.04	2,815	187.83	0.10
22.60	0.04	2,795	187.82	0.10
22.70	0.04	2,776	187.81	0.10
22.80	0.04	2,757	187.80	0.09
22.90	0.04	2,739	187.79	0.09
23.00	0.04	2,721	187.78	0.09
23.10	0.04	2,703	187.77	0.09
23.20	0.04	2,686	187.77	0.09
23.30	0.04	2,669	187.76	0.09
23.40	0.04	2,653	187.75	0.09
23.50	0.04	2,636	187.74	0.08
23.60	0.04	2,621	187.73	0.08
23.70	0.04	2,605	187.72	0.08
23.80	0.04	2,590	187.72	0.08
23.90	0.04	2,575	187.71	0.08
24.00	0.04	2,561	187.70	0.08
24.10	0.03	2,547	187.69	0.08
24.20	0.01	2,527	187.68	0.07
24.30	0.00	2,503	187.67	0.07
24.40	0.00	2,478	187.66	0.07
24.50	0.00	2,453	187.64	0.07
24.60	0.00	2,429	187.63	0.06
24.70	0.00	2,406	187.62	0.06
24.80	0.00	2,384	187.61	0.06
24.90	0.00	2,363	187.60	0.06
25.00	0.00	2,343	187.59	0.05
25.10	0.00	2,324	187.58	0.05
25.20	0.00	2,306	187.57	0.05
25.30	0.00	2,288	187.56	0.05
25.40	0.00	2,272	187.55	0.04
25.50	0.00	2,257	187.54	0.04
25.60	0.00	2,242	187.53	0.04
25.70	0.00	2,229	187.52	0.04
25.80	0.00	2,217	187.52	0.03
25.90	0.00	2,205	187.51	0.03

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,194	187.50	0.03
26.10	0.00	2,184	187.50	0.03
26.20	0.00	2,175	187.49	0.03
26.30	0.00	2,166	187.49	0.02
26.40	0.00	2,157	187.48	0.02
26.50	0.00	2,150	187.48	0.02
26.60	0.00	2,142	187.48	0.02
26.70	0.00	2,135	187.47	0.02
26.80	0.00	2,129	187.47	0.02
26.90	0.00	2,123	187.46	0.02
27.00	0.00	2,117	187.46	0.02
27.10	0.00	2,112	187.46	0.01
27.20	0.00	2,107	187.46	0.01
27.30	0.00	2,102	187.45	0.01
27.40	0.00	2,098	187.45	0.01
27.50	0.00	2,093	187.45	0.01
27.60	0.00	2,089	187.45	0.01
27.70	0.00	2,086	187.44	0.01
27.80	0.00	2,082	187.44	0.01
27.90	0.00	2,078	187.44	0.01
28.00	0.00	2,075	187.44	0.01
28.10	0.00	2,072	187.44	0.01
28.20	0.00	2,069	187.43	0.01
28.30	0.00	2,066	187.43	0.01
28.40	0.00	2,063	187.43	0.01
28.50	0.00	2,060	187.43	0.01
28.60	0.00	2,057	187.43	0.01
28.70	0.00	2,055	187.43	0.01
28.80	0.00	2,052	187.43	0.01
28.90	0.00	2,050	187.42	0.01
29.00	0.00	2,047	187.42	0.01
29.10	0.00	2,045	187.42	0.01
29.20	0.00	2,043	187.42	0.01
29.30	0.00	2,041	187.42	0.01
29.40	0.00	2,039	187.42	0.01
29.50	0.00	2,037	187.42	0.01
29.60	0.00	2,035	187.42	0.00
29.70	0.00	2,034	187.41	0.00
29.80	0.00	2,032	187.41	0.00
29.90	0.00	2,030	187.41	0.00
30.00	0.00	2,029	187.41	0.00
30.10	0.00	2,027	187.41	0.00
30.20	0.00	2,026	187.41	0.00
30.30	0.00	2,025	187.41	0.00
30.40	0.00	2,023	187.41	0.00
30.50	0.00	2,022	187.41	0.00
30.60	0.00	2,021	187.41	0.00
30.70	0.00	2,020	187.41	0.00
30.80	0.00	2,019	187.41	0.00
30.90	0.00	2,018	187.41	0.00
31.00	0.00	2,016	187.41	0.00
31.10	0.00	2,015	187.40	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,015	187.40	0.00
31.30	0.00	2,014	187.40	0.00
31.40	0.00	2,013	187.40	0.00
31.50	0.00	2,012	187.40	0.00
31.60	0.00	2,011	187.40	0.00
31.70	0.00	2,010	187.40	0.00
31.80	0.00	2,010	187.40	0.00
31.90	0.00	2,009	187.40	0.00
32.00	0.00	2,008	187.40	0.00
32.10	0.00	2,007	187.40	0.00
32.20	0.00	2,007	187.40	0.00
32.30	0.00	2,006	187.40	0.00
32.40	0.00	2,006	187.40	0.00
32.50	0.00	2,005	187.40	0.00
32.60	0.00	2,004	187.40	0.00
32.70	0.00	2,004	187.40	0.00
32.80	0.00	2,003	187.40	0.00
32.90	0.00	2,003	187.40	0.00
33.00	0.00	2,002	187.40	0.00
33.10	0.00	2,001	187.40	0.00
33.20	0.00	2,001	187.40	0.00
33.30	0.00	2,000	187.40	0.00
33.40	0.00	2,000	187.40	0.00
33.50	0.00	1,999	187.40	0.00
33.60	0.00	1,999	187.40	0.00
33.70	0.00	1,998	187.39	0.00
33.80	0.00	1,998	187.39	0.00
33.90	0.00	1,997	187.39	0.00
34.00	0.00	1,997	187.39	0.00
34.10	0.00	1,996	187.39	0.00
34.20	0.00	1,996	187.39	0.00
34.30	0.00	1,995	187.39	0.00
34.40	0.00	1,995	187.39	0.00
34.50	0.00	1,994	187.39	0.00
34.60	0.00	1,994	187.39	0.00
34.70	0.00	1,993	187.39	0.00
34.80	0.00	1,993	187.39	0.00
34.90	0.00	1,992	187.39	0.00
35.00	0.00	1,992	187.39	0.00
35.10	0.00	1,991	187.39	0.00
35.20	0.00	1,991	187.39	0.00
35.30	0.00	1,990	187.39	0.00
35.40	0.00	1,990	187.39	0.00
35.50	0.00	1,990	187.39	0.00
35.60	0.00	1,989	187.39	0.00
35.70	0.00	1,989	187.39	0.00
35.80	0.00	1,988	187.39	0.00
35.90	0.00	1,988	187.39	0.00
36.00	0.00	1,987	187.39	0.00
36.10	0.00	1,987	187.39	0.00
36.20	0.00	1,987	187.39	0.00
36.30	0.00	1,986	187.39	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,986	187.39	0.00
36.50	0.00	1,985	187.39	0.00
36.60	0.00	1,985	187.39	0.00
36.70	0.00	1,985	187.39	0.00
36.80	0.00	1,984	187.39	0.00
36.90	0.00	1,984	187.39	0.00
37.00	0.00	1,984	187.39	0.00
37.10	0.00	1,983	187.39	0.00
37.20	0.00	1,983	187.39	0.00
37.30	0.00	1,983	187.39	0.00
37.40	0.00	1,982	187.39	0.00
37.50	0.00	1,982	187.39	0.00
37.60	0.00	1,982	187.39	0.00
37.70	0.00	1,981	187.39	0.00
37.80	0.00	1,981	187.39	0.00
37.90	0.00	1,981	187.38	0.00
38.00	0.00	1,980	187.38	0.00
38.10	0.00	1,980	187.38	0.00
38.20	0.00	1,980	187.38	0.00
38.30	0.00	1,979	187.38	0.00
38.40	0.00	1,979	187.38	0.00
38.50	0.00	1,979	187.38	0.00
38.60	0.00	1,978	187.38	0.00
38.70	0.00	1,978	187.38	0.00
38.80	0.00	1,978	187.38	0.00
38.90	0.00	1,978	187.38	0.00
39.00	0.00	1,977	187.38	0.00
39.10	0.00	1,977	187.38	0.00
39.20	0.00	1,977	187.38	0.00
39.30	0.00	1,977	187.38	0.00
39.40	0.00	1,976	187.38	0.00
39.50	0.00	1,976	187.38	0.00
39.60	0.00	1,976	187.38	0.00
39.70	0.00	1,975	187.38	0.00
39.80	0.00	1,975	187.38	0.00
39.90	0.00	1,975	187.38	0.00
40.00	0.00	1,975	187.38	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 1.83" for Current 2 yr event
 Inflow = 3.16 cfs @ 12.18 hrs, Volume= 0.261 af
 Outflow = 0.19 cfs @ 14.04 hrs, Volume= 0.201 af, Atten= 94%, Lag= 111.6 min
 Primary = 0.19 cfs @ 14.04 hrs, Volume= 0.201 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 197.63' @ 14.04 hrs Surf.Area= 3,554 sf Storage= 7,122 cf

Plug-Flow detention time= 455.0 min calculated for 0.201 af (77% of inflow)
 Center-of-Mass det. time= 363.6 min (1,167.1 - 803.4)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

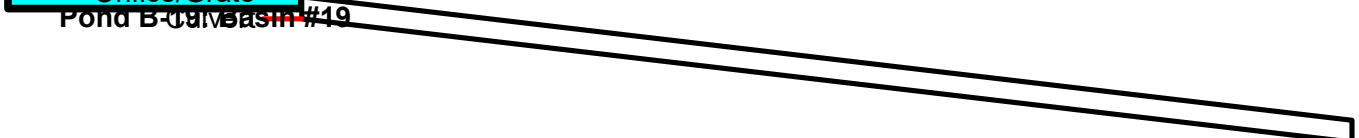
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.19 cfs @ 14.04 hrs HW=197.63' (Free Discharge)

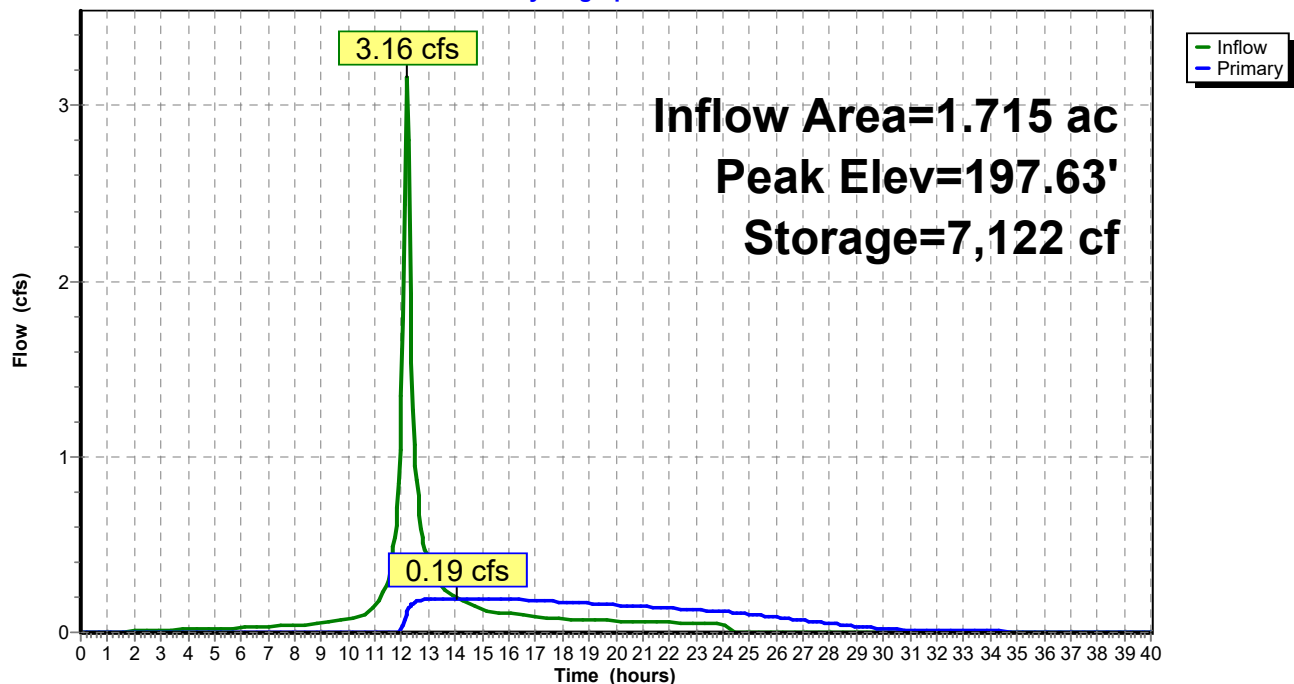
1=Culvert (Passes 0.19 cfs of 13.68 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.70 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	0	195.00	0.00
1.10	0.00	0	195.00	0.00
1.20	0.00	0	195.00	0.00
1.30	0.00	0	195.00	0.00
1.40	0.00	0	195.00	0.00
1.50	0.00	1	195.00	0.00
1.60	0.00	2	195.00	0.00
1.70	0.00	3	195.00	0.00
1.80	0.00	4	195.00	0.00
1.90	0.00	6	195.00	0.00
2.00	0.01	8	195.00	0.00
2.10	0.01	10	195.01	0.00
2.20	0.01	12	195.01	0.00
2.30	0.01	15	195.01	0.00
2.40	0.01	18	195.01	0.00
2.50	0.01	21	195.01	0.00
2.60	0.01	24	195.01	0.00
2.70	0.01	28	195.01	0.00
2.80	0.01	31	195.02	0.00
2.90	0.01	35	195.02	0.00
3.00	0.01	39	195.02	0.00
3.10	0.01	44	195.02	0.00
3.20	0.01	48	195.03	0.00
3.30	0.01	53	195.03	0.00
3.40	0.01	58	195.03	0.00
3.50	0.01	63	195.03	0.00
3.60	0.01	68	195.04	0.00
3.70	0.02	74	195.04	0.00
3.80	0.02	79	195.04	0.00
3.90	0.02	85	195.04	0.00
4.00	0.02	91	195.05	0.00
4.10	0.02	97	195.05	0.00
4.20	0.02	103	195.05	0.00
4.30	0.02	110	195.06	0.00
4.40	0.02	116	195.06	0.00
4.50	0.02	123	195.06	0.00
4.60	0.02	130	195.07	0.00
4.70	0.02	137	195.07	0.00
4.80	0.02	144	195.07	0.00
4.90	0.02	152	195.08	0.00
5.00	0.02	159	195.08	0.00
5.10	0.02	167	195.09	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	174	195.09	0.00
5.30	0.02	182	195.09	0.00
5.40	0.02	190	195.10	0.00
5.50	0.02	199	195.10	0.00
5.60	0.02	207	195.11	0.00
5.70	0.02	215	195.11	0.00
5.80	0.02	224	195.11	0.00
5.90	0.02	232	195.12	0.00
6.00	0.02	241	195.12	0.00
6.10	0.03	250	195.13	0.00
6.20	0.03	259	195.13	0.00
6.30	0.03	269	195.14	0.00
6.40	0.03	279	195.14	0.00
6.50	0.03	289	195.15	0.00
6.60	0.03	299	195.15	0.00
6.70	0.03	310	195.16	0.00
6.80	0.03	321	195.16	0.00
6.90	0.03	332	195.17	0.00
7.00	0.03	343	195.17	0.00
7.10	0.03	355	195.18	0.00
7.20	0.03	367	195.19	0.00
7.30	0.04	380	195.19	0.00
7.40	0.04	393	195.20	0.00
7.50	0.04	406	195.21	0.00
7.60	0.04	419	195.21	0.00
7.70	0.04	433	195.22	0.00
7.80	0.04	447	195.23	0.00
7.90	0.04	461	195.23	0.00
8.00	0.04	476	195.24	0.00
8.10	0.04	491	195.25	0.00
8.20	0.04	506	195.25	0.00
8.30	0.04	522	195.26	0.00
8.40	0.04	538	195.27	0.00
8.50	0.05	554	195.28	0.00
8.60	0.05	570	195.29	0.00
8.70	0.05	587	195.29	0.00
8.80	0.05	604	195.30	0.00
8.90	0.05	622	195.31	0.00
9.00	0.05	640	195.32	0.00
9.10	0.05	658	195.33	0.00
9.20	0.05	677	195.34	0.00
9.30	0.06	697	195.35	0.00
9.40	0.06	718	195.36	0.00
9.50	0.06	740	195.37	0.00
9.60	0.07	763	195.38	0.00
9.70	0.07	787	195.39	0.00
9.80	0.07	812	195.40	0.00
9.90	0.07	838	195.41	0.00
10.00	0.08	866	195.42	0.00
10.10	0.08	894	195.44	0.00
10.20	0.08	924	195.45	0.00
10.30	0.09	954	195.47	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.09	986	195.48	0.00
10.50	0.09	1,019	195.49	0.00
10.60	0.10	1,053	195.51	0.00
10.70	0.11	1,090	195.53	0.00
10.80	0.12	1,131	195.55	0.00
10.90	0.13	1,177	195.57	0.00
11.00	0.15	1,228	195.59	0.00
11.10	0.17	1,285	195.61	0.00
11.20	0.20	1,351	195.64	0.00
11.30	0.22	1,426	195.68	0.00
11.40	0.26	1,513	195.71	0.00
11.50	0.29	1,611	195.76	0.00
11.60	0.36	1,725	195.80	0.00
11.70	0.49	1,878	195.87	0.00
11.80	0.61	2,072	195.95	0.00
11.90	0.85	2,331	196.05	0.00
12.00	1.35	2,716	196.20	0.01
12.10	2.43	3,363	196.44	0.07
12.20	3.09	4,379	196.79	0.12
12.30	1.93	5,232	197.07	0.15
12.40	1.27	5,740	197.23	0.16
12.50	0.95	6,072	197.33	0.17
12.60	0.77	6,320	197.40	0.18
12.70	0.59	6,498	197.46	0.18
12.80	0.51	6,629	197.49	0.18
12.90	0.46	6,737	197.52	0.19
13.00	0.42	6,828	197.55	0.19
13.10	0.38	6,902	197.57	0.19
13.20	0.34	6,962	197.59	0.19
13.30	0.31	7,009	197.60	0.19
13.40	0.29	7,047	197.61	0.19
13.50	0.26	7,076	197.62	0.19
13.60	0.24	7,096	197.63	0.19
13.70	0.22	7,109	197.63	0.19
13.80	0.21	7,116	197.63	0.19
13.90	0.20	7,120	197.63	0.19
14.00	0.20	7,122	197.63	0.19
14.10	0.19	7,122	197.63	0.19
14.20	0.18	7,119	197.63	0.19
14.30	0.18	7,115	197.63	0.19
14.40	0.17	7,108	197.63	0.19
14.50	0.17	7,099	197.63	0.19
14.60	0.16	7,088	197.62	0.19
14.70	0.15	7,074	197.62	0.19
14.80	0.15	7,059	197.62	0.19
14.90	0.14	7,041	197.61	0.19
15.00	0.13	7,022	197.61	0.19
15.10	0.13	7,000	197.60	0.19
15.20	0.12	6,976	197.59	0.19
15.30	0.12	6,951	197.59	0.19
15.40	0.12	6,925	197.58	0.19
15.50	0.12	6,899	197.57	0.19

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.12	6,873	197.56	0.19
15.70	0.11	6,846	197.56	0.19
15.80	0.11	6,819	197.55	0.19
15.90	0.11	6,791	197.54	0.19
16.00	0.11	6,763	197.53	0.19
16.10	0.11	6,735	197.52	0.19
16.20	0.11	6,706	197.52	0.19
16.30	0.10	6,677	197.51	0.19
16.40	0.10	6,648	197.50	0.18
16.50	0.10	6,618	197.49	0.18
16.60	0.10	6,588	197.48	0.18
16.70	0.10	6,557	197.47	0.18
16.80	0.10	6,526	197.46	0.18
16.90	0.09	6,495	197.45	0.18
17.00	0.09	6,463	197.44	0.18
17.10	0.09	6,431	197.44	0.18
17.20	0.09	6,399	197.43	0.18
17.30	0.09	6,366	197.42	0.18
17.40	0.09	6,333	197.41	0.18
17.50	0.08	6,299	197.40	0.18
17.60	0.08	6,266	197.39	0.18
17.70	0.08	6,232	197.38	0.18
17.80	0.08	6,197	197.37	0.17
17.90	0.08	6,162	197.36	0.17
18.00	0.08	6,127	197.35	0.17
18.10	0.07	6,092	197.34	0.17
18.20	0.07	6,056	197.32	0.17
18.30	0.07	6,020	197.31	0.17
18.40	0.07	5,985	197.30	0.17
18.50	0.07	5,949	197.29	0.17
18.60	0.07	5,914	197.28	0.17
18.70	0.07	5,879	197.27	0.17
18.80	0.07	5,844	197.26	0.17
18.90	0.07	5,809	197.25	0.17
19.00	0.07	5,774	197.24	0.16
19.10	0.07	5,739	197.23	0.16
19.20	0.07	5,705	197.22	0.16
19.30	0.07	5,671	197.21	0.16
19.40	0.07	5,637	197.20	0.16
19.50	0.07	5,603	197.19	0.16
19.60	0.07	5,569	197.18	0.16
19.70	0.07	5,535	197.17	0.16
19.80	0.07	5,502	197.16	0.16
19.90	0.06	5,469	197.15	0.16
20.00	0.06	5,436	197.14	0.16
20.10	0.06	5,403	197.13	0.15
20.20	0.06	5,370	197.11	0.15
20.30	0.06	5,338	197.10	0.15
20.40	0.06	5,305	197.09	0.15
20.50	0.06	5,273	197.08	0.15
20.60	0.06	5,241	197.07	0.15
20.70	0.06	5,209	197.06	0.15

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	5,178	197.05	0.15
20.90	0.06	5,146	197.04	0.15
21.00	0.06	5,115	197.03	0.15
21.10	0.06	5,084	197.02	0.15
21.20	0.06	5,053	197.01	0.14
21.30	0.06	5,022	197.00	0.14
21.40	0.06	4,991	196.99	0.14
21.50	0.06	4,961	196.98	0.14
21.60	0.06	4,930	196.98	0.14
21.70	0.06	4,900	196.97	0.14
21.80	0.06	4,870	196.96	0.14
21.90	0.06	4,841	196.95	0.14
22.00	0.06	4,811	196.94	0.14
22.10	0.06	4,782	196.93	0.14
22.20	0.05	4,753	196.92	0.14
22.30	0.05	4,724	196.91	0.13
22.40	0.05	4,695	196.90	0.13
22.50	0.05	4,666	196.89	0.13
22.60	0.05	4,638	196.88	0.13
22.70	0.05	4,610	196.87	0.13
22.80	0.05	4,582	196.86	0.13
22.90	0.05	4,554	196.85	0.13
23.00	0.05	4,526	196.84	0.13
23.10	0.05	4,499	196.83	0.13
23.20	0.05	4,471	196.82	0.13
23.30	0.05	4,444	196.82	0.13
23.40	0.05	4,417	196.81	0.12
23.50	0.05	4,390	196.80	0.12
23.60	0.05	4,364	196.79	0.12
23.70	0.05	4,338	196.78	0.12
23.80	0.05	4,312	196.77	0.12
23.90	0.05	4,286	196.76	0.12
24.00	0.05	4,260	196.75	0.12
24.10	0.04	4,235	196.75	0.12
24.20	0.01	4,203	196.73	0.12
24.30	0.00	4,163	196.72	0.11
24.40	0.00	4,123	196.71	0.11
24.50	0.00	4,083	196.69	0.11
24.60	0.00	4,043	196.68	0.11
24.70	0.00	4,004	196.67	0.11
24.80	0.00	3,965	196.65	0.11
24.90	0.00	3,927	196.64	0.10
25.00	0.00	3,890	196.63	0.10
25.10	0.00	3,853	196.61	0.10
25.20	0.00	3,817	196.60	0.10
25.30	0.00	3,781	196.59	0.10
25.40	0.00	3,747	196.58	0.10
25.50	0.00	3,712	196.57	0.09
25.60	0.00	3,679	196.55	0.09
25.70	0.00	3,645	196.54	0.09
25.80	0.00	3,613	196.53	0.09
25.90	0.00	3,581	196.52	0.09

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,550	196.51	0.09
26.10	0.00	3,519	196.50	0.08
26.20	0.00	3,489	196.49	0.08
26.30	0.00	3,460	196.48	0.08
26.40	0.00	3,431	196.47	0.08
26.50	0.00	3,403	196.46	0.08
26.60	0.00	3,376	196.45	0.08
26.70	0.00	3,349	196.44	0.07
26.80	0.00	3,323	196.43	0.07
26.90	0.00	3,297	196.42	0.07
27.00	0.00	3,272	196.41	0.07
27.10	0.00	3,248	196.40	0.07
27.20	0.00	3,224	196.39	0.06
27.30	0.00	3,201	196.38	0.06
27.40	0.00	3,179	196.37	0.06
27.50	0.00	3,157	196.37	0.06
27.60	0.00	3,136	196.36	0.06
27.70	0.00	3,115	196.35	0.06
27.80	0.00	3,095	196.34	0.05
27.90	0.00	3,076	196.34	0.05
28.00	0.00	3,058	196.33	0.05
28.10	0.00	3,040	196.32	0.05
28.20	0.00	3,022	196.32	0.05
28.30	0.00	3,006	196.31	0.05
28.40	0.00	2,990	196.30	0.04
28.50	0.00	2,975	196.30	0.04
28.60	0.00	2,960	196.29	0.04
28.70	0.00	2,947	196.29	0.04
28.80	0.00	2,933	196.28	0.04
28.90	0.00	2,921	196.28	0.03
29.00	0.00	2,909	196.27	0.03
29.10	0.00	2,897	196.27	0.03
29.20	0.00	2,886	196.27	0.03
29.30	0.00	2,876	196.26	0.03
29.40	0.00	2,866	196.26	0.03
29.50	0.00	2,857	196.25	0.03
29.60	0.00	2,848	196.25	0.02
29.70	0.00	2,839	196.25	0.02
29.80	0.00	2,831	196.24	0.02
29.90	0.00	2,823	196.24	0.02
30.00	0.00	2,816	196.24	0.02
30.10	0.00	2,808	196.24	0.02
30.20	0.00	2,802	196.23	0.02
30.30	0.00	2,795	196.23	0.02
30.40	0.00	2,789	196.23	0.02
30.50	0.00	2,783	196.23	0.02
30.60	0.00	2,777	196.22	0.02
30.70	0.00	2,771	196.22	0.02
30.80	0.00	2,766	196.22	0.01
30.90	0.00	2,760	196.22	0.01
31.00	0.00	2,755	196.22	0.01
31.10	0.00	2,751	196.21	0.01

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,746	196.21	0.01
31.30	0.00	2,741	196.21	0.01
31.40	0.00	2,737	196.21	0.01
31.50	0.00	2,733	196.21	0.01
31.60	0.00	2,729	196.21	0.01
31.70	0.00	2,725	196.20	0.01
31.80	0.00	2,722	196.20	0.01
31.90	0.00	2,718	196.20	0.01
32.00	0.00	2,715	196.20	0.01
32.10	0.00	2,712	196.20	0.01
32.20	0.00	2,708	196.20	0.01
32.30	0.00	2,705	196.20	0.01
32.40	0.00	2,702	196.20	0.01
32.50	0.00	2,699	196.19	0.01
32.60	0.00	2,696	196.19	0.01
32.70	0.00	2,694	196.19	0.01
32.80	0.00	2,691	196.19	0.01
32.90	0.00	2,688	196.19	0.01
33.00	0.00	2,686	196.19	0.01
33.10	0.00	2,683	196.19	0.01
33.20	0.00	2,681	196.19	0.01
33.30	0.00	2,678	196.19	0.01
33.40	0.00	2,676	196.19	0.01
33.50	0.00	2,674	196.18	0.01
33.60	0.00	2,671	196.18	0.01
33.70	0.00	2,669	196.18	0.01
33.80	0.00	2,667	196.18	0.01
33.90	0.00	2,665	196.18	0.01
34.00	0.00	2,663	196.18	0.01
34.10	0.00	2,661	196.18	0.01
34.20	0.00	2,659	196.18	0.01
34.30	0.00	2,657	196.18	0.01
34.40	0.00	2,655	196.18	0.00
34.50	0.00	2,654	196.18	0.00
34.60	0.00	2,652	196.18	0.00
34.70	0.00	2,650	196.18	0.00
34.80	0.00	2,649	196.18	0.00
34.90	0.00	2,647	196.17	0.00
35.00	0.00	2,645	196.17	0.00
35.10	0.00	2,644	196.17	0.00
35.20	0.00	2,642	196.17	0.00
35.30	0.00	2,641	196.17	0.00
35.40	0.00	2,640	196.17	0.00
35.50	0.00	2,638	196.17	0.00
35.60	0.00	2,637	196.17	0.00
35.70	0.00	2,636	196.17	0.00
35.80	0.00	2,634	196.17	0.00
35.90	0.00	2,633	196.17	0.00
36.00	0.00	2,632	196.17	0.00
36.10	0.00	2,631	196.17	0.00
36.20	0.00	2,629	196.17	0.00
36.30	0.00	2,628	196.17	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,627	196.17	0.00
36.50	0.00	2,626	196.17	0.00
36.60	0.00	2,625	196.17	0.00
36.70	0.00	2,624	196.17	0.00
36.80	0.00	2,623	196.17	0.00
36.90	0.00	2,622	196.16	0.00
37.00	0.00	2,621	196.16	0.00
37.10	0.00	2,620	196.16	0.00
37.20	0.00	2,619	196.16	0.00
37.30	0.00	2,618	196.16	0.00
37.40	0.00	2,618	196.16	0.00
37.50	0.00	2,617	196.16	0.00
37.60	0.00	2,616	196.16	0.00
37.70	0.00	2,615	196.16	0.00
37.80	0.00	2,614	196.16	0.00
37.90	0.00	2,614	196.16	0.00
38.00	0.00	2,613	196.16	0.00
38.10	0.00	2,612	196.16	0.00
38.20	0.00	2,611	196.16	0.00
38.30	0.00	2,611	196.16	0.00
38.40	0.00	2,610	196.16	0.00
38.50	0.00	2,609	196.16	0.00
38.60	0.00	2,609	196.16	0.00
38.70	0.00	2,608	196.16	0.00
38.80	0.00	2,608	196.16	0.00
38.90	0.00	2,607	196.16	0.00
39.00	0.00	2,606	196.16	0.00
39.10	0.00	2,606	196.16	0.00
39.20	0.00	2,605	196.16	0.00
39.30	0.00	2,604	196.16	0.00
39.40	0.00	2,604	196.16	0.00
39.50	0.00	2,603	196.16	0.00
39.60	0.00	2,603	196.16	0.00
39.70	0.00	2,602	196.16	0.00
39.80	0.00	2,602	196.16	0.00
39.90	0.00	2,601	196.16	0.00
40.00	0.00	2,600	196.16	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 2.05" for Current 2 yr event
 Inflow = 5.03 cfs @ 12.17 hrs, Volume= 0.419 af
 Outflow = 0.39 cfs @ 13.52 hrs, Volume= 0.293 af, Atten= 92%, Lag= 80.7 min
 Primary = 0.39 cfs @ 13.52 hrs, Volume= 0.293 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 152.82' @ 13.52 hrs Surf.Area= 7,366 sf Storage= 12,060 cf

Plug-Flow detention time= 638.9 min calculated for 0.293 af (70% of inflow)
 Center-of-Mass det. time= 535.9 min (1,328.0 - 792.1)

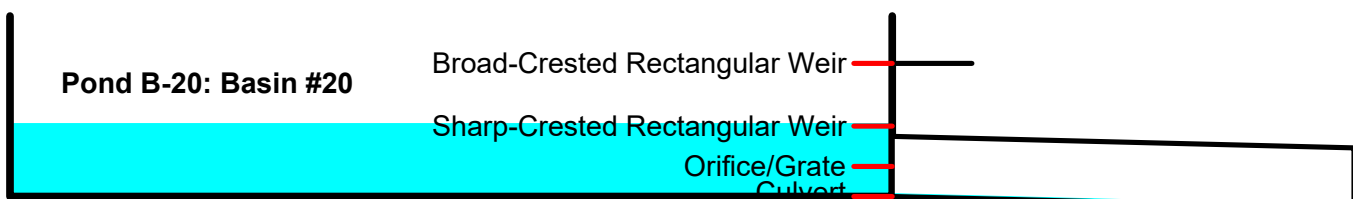
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

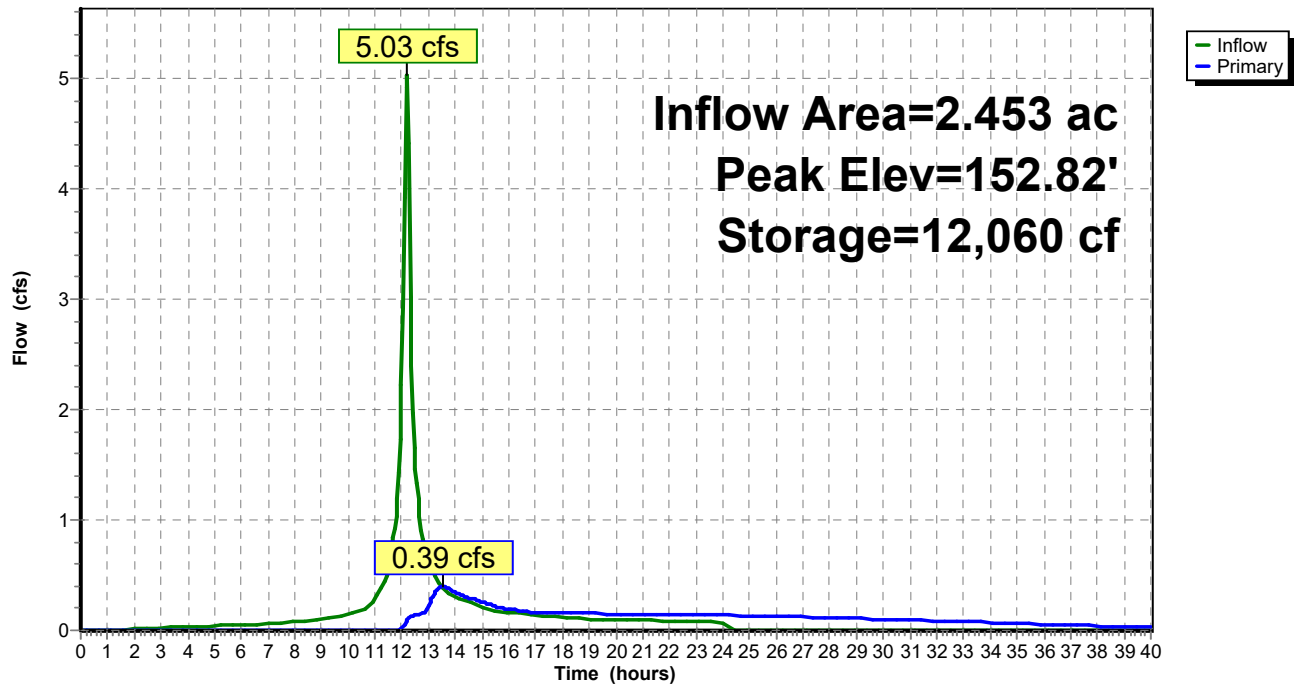
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.38 cfs @ 13.52 hrs HW=152.82' (Free Discharge)

1=Culvert (Passes 0.38 cfs of 8.42 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.72 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.22 cfs @ 0.84 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20**Hydrograph**

Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.00	0	151.00	0.00
0.60	0.00	0	151.00	0.00
0.70	0.00	0	151.00	0.00
0.80	0.00	0	151.00	0.00
0.90	0.00	0	151.00	0.00
1.00	0.00	0	151.00	0.00
1.10	0.00	0	151.00	0.00
1.20	0.00	0	151.00	0.00
1.30	0.00	0	151.00	0.00
1.40	0.00	1	151.00	0.00
1.50	0.00	2	151.00	0.00
1.60	0.01	3	151.00	0.00
1.70	0.01	5	151.00	0.00
1.80	0.01	8	151.00	0.00
1.90	0.01	11	151.00	0.00
2.00	0.01	15	151.00	0.00
2.10	0.01	19	151.00	0.00
2.20	0.01	23	151.00	0.00
2.30	0.01	28	151.00	0.00
2.40	0.02	34	151.01	0.00
2.50	0.02	39	151.01	0.00
2.60	0.02	46	151.01	0.00
2.70	0.02	52	151.01	0.00
2.80	0.02	59	151.01	0.00
2.90	0.02	67	151.01	0.00
3.00	0.02	75	151.01	0.00
3.10	0.02	83	151.01	0.00
3.20	0.02	91	151.02	0.00
3.30	0.03	100	151.02	0.00
3.40	0.03	109	151.02	0.00
3.50	0.03	119	151.02	0.00
3.60	0.03	129	151.02	0.00
3.70	0.03	139	151.02	0.00
3.80	0.03	150	151.03	0.00
3.90	0.03	161	151.03	0.00
4.00	0.03	172	151.03	0.00
4.10	0.03	184	151.03	0.00
4.20	0.03	196	151.03	0.00
4.30	0.03	208	151.03	0.00
4.40	0.04	220	151.04	0.00
4.50	0.04	233	151.04	0.00
4.60	0.04	246	151.04	0.00
4.70	0.04	259	151.04	0.00
4.80	0.04	273	151.05	0.00
4.90	0.04	287	151.05	0.00
5.00	0.04	301	151.05	0.00
5.10	0.04	315	151.05	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	330	151.06	0.00
5.30	0.04	345	151.06	0.00
5.40	0.04	360	151.06	0.00
5.50	0.04	376	151.06	0.00
5.60	0.04	391	151.07	0.00
5.70	0.04	407	151.07	0.00
5.80	0.05	424	151.07	0.00
5.90	0.05	440	151.07	0.00
6.00	0.05	457	151.08	0.00
6.10	0.05	474	151.08	0.00
6.20	0.05	491	151.08	0.00
6.30	0.05	509	151.09	0.00
6.40	0.05	527	151.09	0.00
6.50	0.05	546	151.09	0.00
6.60	0.06	566	151.09	0.00
6.70	0.06	586	151.10	0.00
6.80	0.06	607	151.10	0.00
6.90	0.06	628	151.11	0.00
7.00	0.06	650	151.11	0.00
7.10	0.06	672	151.11	0.00
7.20	0.06	695	151.12	0.00
7.30	0.07	719	151.12	0.00
7.40	0.07	743	151.12	0.00
7.50	0.07	768	151.13	0.00
7.60	0.07	793	151.13	0.00
7.70	0.07	819	151.14	0.00
7.80	0.07	846	151.14	0.00
7.90	0.08	873	151.15	0.00
8.00	0.08	900	151.15	0.00
8.10	0.08	929	151.16	0.00
8.20	0.08	958	151.16	0.00
8.30	0.08	987	151.16	0.00
8.40	0.08	1,017	151.17	0.00
8.50	0.09	1,048	151.17	0.00
8.60	0.09	1,080	151.18	0.00
8.70	0.09	1,112	151.19	0.00
8.80	0.09	1,144	151.19	0.00
8.90	0.09	1,177	151.20	0.00
9.00	0.09	1,211	151.20	0.00
9.10	0.10	1,245	151.21	0.00
9.20	0.10	1,281	151.21	0.00
9.30	0.11	1,319	151.22	0.00
9.40	0.11	1,358	151.23	0.00
9.50	0.12	1,400	151.23	0.00
9.60	0.12	1,444	151.24	0.00
9.70	0.13	1,489	151.25	0.00
9.80	0.14	1,537	151.26	0.00
9.90	0.14	1,587	151.26	0.00
10.00	0.15	1,638	151.27	0.00
10.10	0.15	1,692	151.28	0.00
10.20	0.16	1,748	151.29	0.00
10.30	0.16	1,806	151.30	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,866	151.31	0.00
10.50	0.18	1,928	151.32	0.00
10.60	0.19	1,993	151.33	0.00
10.70	0.20	2,063	151.34	0.00
10.80	0.23	2,140	151.35	0.00
10.90	0.25	2,226	151.37	0.00
11.00	0.28	2,321	151.38	0.00
11.10	0.31	2,426	151.40	0.00
11.20	0.35	2,546	151.42	0.00
11.30	0.40	2,682	151.44	0.00
11.40	0.46	2,836	151.46	0.00
11.50	0.51	3,010	151.49	0.00
11.60	0.62	3,210	151.52	0.00
11.70	0.84	3,475	151.57	0.00
11.80	1.03	3,808	151.62	0.00
11.90	1.43	4,244	151.69	0.00
12.00	2.22	4,884	151.78	0.00
12.10	3.92	5,954	151.95	0.05
12.20	4.89	7,605	152.19	0.10
12.30	3.02	8,987	152.39	0.12
12.40	1.97	9,821	152.51	0.13
12.50	1.46	10,379	152.59	0.14
12.60	1.19	10,807	152.64	0.15
12.70	0.90	11,127	152.69	0.15
12.80	0.78	11,374	152.72	0.15
12.90	0.71	11,586	152.75	0.16
13.00	0.64	11,759	152.78	0.23
13.10	0.57	11,885	152.79	0.28
13.20	0.51	11,971	152.80	0.33
13.30	0.47	12,023	152.81	0.37
13.40	0.43	12,050	152.82	0.39
13.50	0.40	12,060	152.82	0.39
13.60	0.36	12,056	152.82	0.39
13.70	0.33	12,042	152.81	0.38
13.80	0.32	12,025	152.81	0.37
13.90	0.31	12,007	152.81	0.35
14.00	0.30	11,991	152.81	0.34
14.10	0.29	11,975	152.80	0.33
14.20	0.28	11,960	152.80	0.32
14.30	0.27	11,946	152.80	0.31
14.40	0.26	11,931	152.80	0.30
14.50	0.25	11,916	152.80	0.30
14.60	0.24	11,899	152.79	0.29
14.70	0.23	11,882	152.79	0.28
14.80	0.22	11,865	152.79	0.27
14.90	0.21	11,846	152.79	0.26
15.00	0.20	11,828	152.78	0.26
15.10	0.19	11,808	152.78	0.25
15.20	0.19	11,789	152.78	0.24
15.30	0.18	11,770	152.78	0.23
15.40	0.18	11,753	152.77	0.22
15.50	0.18	11,738	152.77	0.22

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	11,724	152.77	0.21
15.70	0.17	11,712	152.77	0.21
15.80	0.17	11,700	152.77	0.20
15.90	0.17	11,689	152.77	0.20
16.00	0.16	11,679	152.76	0.19
16.10	0.16	11,670	152.76	0.19
16.20	0.16	11,661	152.76	0.18
16.30	0.16	11,652	152.76	0.18
16.40	0.15	11,644	152.76	0.18
16.50	0.15	11,637	152.76	0.17
16.60	0.15	11,629	152.76	0.17
16.70	0.15	11,622	152.76	0.17
16.80	0.14	11,615	152.76	0.16
16.90	0.14	11,608	152.75	0.16
17.00	0.14	11,601	152.75	0.16
17.10	0.14	11,594	152.75	0.16
17.20	0.13	11,585	152.75	0.16
17.30	0.13	11,577	152.75	0.16
17.40	0.13	11,567	152.75	0.16
17.50	0.13	11,557	152.75	0.16
17.60	0.12	11,546	152.75	0.16
17.70	0.12	11,535	152.74	0.15
17.80	0.12	11,522	152.74	0.15
17.90	0.12	11,508	152.74	0.15
18.00	0.11	11,494	152.74	0.15
18.10	0.11	11,478	152.74	0.15
18.20	0.11	11,462	152.73	0.15
18.30	0.11	11,446	152.73	0.15
18.40	0.11	11,429	152.73	0.15
18.50	0.11	11,412	152.73	0.15
18.60	0.11	11,394	152.73	0.15
18.70	0.10	11,377	152.72	0.15
18.80	0.10	11,360	152.72	0.15
18.90	0.10	11,342	152.72	0.15
19.00	0.10	11,324	152.72	0.15
19.10	0.10	11,306	152.71	0.15
19.20	0.10	11,288	152.71	0.15
19.30	0.10	11,270	152.71	0.15
19.40	0.10	11,251	152.71	0.15
19.50	0.10	11,233	152.70	0.15
19.60	0.10	11,214	152.70	0.15
19.70	0.10	11,195	152.70	0.15
19.80	0.10	11,176	152.70	0.15
19.90	0.10	11,157	152.69	0.15
20.00	0.10	11,138	152.69	0.15
20.10	0.10	11,119	152.69	0.15
20.20	0.10	11,099	152.68	0.15
20.30	0.09	11,079	152.68	0.15
20.40	0.09	11,060	152.68	0.15
20.50	0.09	11,040	152.68	0.15
20.60	0.09	11,019	152.67	0.15
20.70	0.09	10,999	152.67	0.15

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	10,979	152.67	0.15
20.90	0.09	10,958	152.67	0.15
21.00	0.09	10,938	152.66	0.15
21.10	0.09	10,917	152.66	0.15
21.20	0.09	10,896	152.66	0.15
21.30	0.09	10,875	152.65	0.15
21.40	0.09	10,854	152.65	0.15
21.50	0.09	10,832	152.65	0.15
21.60	0.09	10,811	152.65	0.15
21.70	0.09	10,789	152.64	0.15
21.80	0.08	10,768	152.64	0.15
21.90	0.08	10,746	152.64	0.15
22.00	0.08	10,724	152.63	0.14
22.10	0.08	10,702	152.63	0.14
22.20	0.08	10,679	152.63	0.14
22.30	0.08	10,657	152.62	0.14
22.40	0.08	10,634	152.62	0.14
22.50	0.08	10,612	152.62	0.14
22.60	0.08	10,589	152.61	0.14
22.70	0.08	10,566	152.61	0.14
22.80	0.08	10,543	152.61	0.14
22.90	0.08	10,520	152.60	0.14
23.00	0.08	10,497	152.60	0.14
23.10	0.08	10,473	152.60	0.14
23.20	0.08	10,450	152.60	0.14
23.30	0.07	10,426	152.59	0.14
23.40	0.07	10,402	152.59	0.14
23.50	0.07	10,378	152.59	0.14
23.60	0.07	10,354	152.58	0.14
23.70	0.07	10,330	152.58	0.14
23.80	0.07	10,306	152.58	0.14
23.90	0.07	10,282	152.57	0.14
24.00	0.07	10,257	152.57	0.14
24.10	0.06	10,234	152.56	0.14
24.20	0.02	10,198	152.56	0.14
24.30	0.00	10,152	152.55	0.14
24.40	0.00	10,104	152.55	0.14
24.50	0.00	10,055	152.54	0.14
24.60	0.00	10,006	152.53	0.14
24.70	0.00	9,957	152.53	0.13
24.80	0.00	9,909	152.52	0.13
24.90	0.00	9,861	152.51	0.13
25.00	0.00	9,813	152.51	0.13
25.10	0.00	9,766	152.50	0.13
25.20	0.00	9,718	152.49	0.13
25.30	0.00	9,671	152.49	0.13
25.40	0.00	9,624	152.48	0.13
25.50	0.00	9,578	152.47	0.13
25.60	0.00	9,531	152.47	0.13
25.70	0.00	9,485	152.46	0.13
25.80	0.00	9,439	152.45	0.13
25.90	0.00	9,394	152.45	0.13

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,348	152.44	0.13
26.10	0.00	9,303	152.43	0.12
26.20	0.00	9,258	152.43	0.12
26.30	0.00	9,214	152.42	0.12
26.40	0.00	9,170	152.42	0.12
26.50	0.00	9,125	152.41	0.12
26.60	0.00	9,082	152.40	0.12
26.70	0.00	9,038	152.40	0.12
26.80	0.00	8,994	152.39	0.12
26.90	0.00	8,951	152.38	0.12
27.00	0.00	8,908	152.38	0.12
27.10	0.00	8,866	152.37	0.12
27.20	0.00	8,823	152.37	0.12
27.30	0.00	8,781	152.36	0.12
27.40	0.00	8,739	152.35	0.12
27.50	0.00	8,698	152.35	0.12
27.60	0.00	8,656	152.34	0.11
27.70	0.00	8,615	152.34	0.11
27.80	0.00	8,574	152.33	0.11
27.90	0.00	8,534	152.32	0.11
28.00	0.00	8,493	152.32	0.11
28.10	0.00	8,453	152.31	0.11
28.20	0.00	8,413	152.31	0.11
28.30	0.00	8,374	152.30	0.11
28.40	0.00	8,334	152.30	0.11
28.50	0.00	8,295	152.29	0.11
28.60	0.00	8,256	152.28	0.11
28.70	0.00	8,218	152.28	0.11
28.80	0.00	8,179	152.27	0.11
28.90	0.00	8,141	152.27	0.11
29.00	0.00	8,103	152.26	0.10
29.10	0.00	8,066	152.26	0.10
29.20	0.00	8,028	152.25	0.10
29.30	0.00	7,991	152.25	0.10
29.40	0.00	7,954	152.24	0.10
29.50	0.00	7,918	152.24	0.10
29.60	0.00	7,881	152.23	0.10
29.70	0.00	7,845	152.22	0.10
29.80	0.00	7,810	152.22	0.10
29.90	0.00	7,774	152.21	0.10
30.00	0.00	7,739	152.21	0.10
30.10	0.00	7,703	152.20	0.10
30.20	0.00	7,669	152.20	0.10
30.30	0.00	7,634	152.19	0.10
30.40	0.00	7,600	152.19	0.09
30.50	0.00	7,566	152.18	0.09
30.60	0.00	7,532	152.18	0.09
30.70	0.00	7,498	152.17	0.09
30.80	0.00	7,465	152.17	0.09
30.90	0.00	7,432	152.16	0.09
31.00	0.00	7,399	152.16	0.09
31.10	0.00	7,367	152.16	0.09

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,334	152.15	0.09
31.30	0.00	7,302	152.15	0.09
31.40	0.00	7,271	152.14	0.09
31.50	0.00	7,239	152.14	0.09
31.60	0.00	7,208	152.13	0.09
31.70	0.00	7,177	152.13	0.09
31.80	0.00	7,146	152.12	0.09
31.90	0.00	7,116	152.12	0.08
32.00	0.00	7,085	152.11	0.08
32.10	0.00	7,055	152.11	0.08
32.20	0.00	7,026	152.11	0.08
32.30	0.00	6,996	152.10	0.08
32.40	0.00	6,967	152.10	0.08
32.50	0.00	6,938	152.09	0.08
32.60	0.00	6,909	152.09	0.08
32.70	0.00	6,881	152.08	0.08
32.80	0.00	6,853	152.08	0.08
32.90	0.00	6,825	152.08	0.08
33.00	0.00	6,797	152.07	0.08
33.10	0.00	6,770	152.07	0.08
33.20	0.00	6,743	152.06	0.07
33.30	0.00	6,716	152.06	0.07
33.40	0.00	6,689	152.06	0.07
33.50	0.00	6,663	152.05	0.07
33.60	0.00	6,637	152.05	0.07
33.70	0.00	6,611	152.04	0.07
33.80	0.00	6,585	152.04	0.07
33.90	0.00	6,560	152.04	0.07
34.00	0.00	6,535	152.03	0.07
34.10	0.00	6,510	152.03	0.07
34.20	0.00	6,486	152.03	0.07
34.30	0.00	6,461	152.02	0.07
34.40	0.00	6,437	152.02	0.07
34.50	0.00	6,414	152.01	0.07
34.60	0.00	6,390	152.01	0.06
34.70	0.00	6,367	152.01	0.06
34.80	0.00	6,344	152.00	0.06
34.90	0.00	6,321	152.00	0.06
35.00	0.00	6,299	152.00	0.06
35.10	0.00	6,276	151.99	0.06
35.20	0.00	6,254	151.99	0.06
35.30	0.00	6,233	151.99	0.06
35.40	0.00	6,211	151.98	0.06
35.50	0.00	6,190	151.98	0.06
35.60	0.00	6,169	151.98	0.06
35.70	0.00	6,149	151.97	0.06
35.80	0.00	6,128	151.97	0.06
35.90	0.00	6,108	151.97	0.06
36.00	0.00	6,088	151.97	0.05
36.10	0.00	6,069	151.96	0.05
36.20	0.00	6,049	151.96	0.05
36.30	0.00	6,030	151.96	0.05

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,011	151.95	0.05
36.50	0.00	5,993	151.95	0.05
36.60	0.00	5,974	151.95	0.05
36.70	0.00	5,956	151.95	0.05
36.80	0.00	5,938	151.94	0.05
36.90	0.00	5,921	151.94	0.05
37.00	0.00	5,903	151.94	0.05
37.10	0.00	5,886	151.94	0.05
37.20	0.00	5,870	151.93	0.05
37.30	0.00	5,853	151.93	0.05
37.40	0.00	5,837	151.93	0.04
37.50	0.00	5,821	151.93	0.04
37.60	0.00	5,806	151.92	0.04
37.70	0.00	5,791	151.92	0.04
37.80	0.00	5,776	151.92	0.04
37.90	0.00	5,761	151.92	0.04
38.00	0.00	5,747	151.91	0.04
38.10	0.00	5,733	151.91	0.04
38.20	0.00	5,719	151.91	0.04
38.30	0.00	5,705	151.91	0.04
38.40	0.00	5,692	151.91	0.04
38.50	0.00	5,679	151.90	0.04
38.60	0.00	5,666	151.90	0.04
38.70	0.00	5,653	151.90	0.03
38.80	0.00	5,641	151.90	0.03
38.90	0.00	5,629	151.90	0.03
39.00	0.00	5,617	151.90	0.03
39.10	0.00	5,605	151.89	0.03
39.20	0.00	5,593	151.89	0.03
39.30	0.00	5,582	151.89	0.03
39.40	0.00	5,571	151.89	0.03
39.50	0.00	5,560	151.89	0.03
39.60	0.00	5,549	151.88	0.03
39.70	0.00	5,539	151.88	0.03
39.80	0.00	5,529	151.88	0.03
39.90	0.00	5,518	151.88	0.03
40.00	0.00	5,509	151.88	0.03

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 1.84" for Current 2 yr event
 Inflow = 4.64 cfs @ 12.18 hrs, Volume= 0.383 af
 Outflow = 0.18 cfs @ 15.28 hrs, Volume= 0.282 af, Atten= 96%, Lag= 186.2 min
 Primary = 0.18 cfs @ 15.28 hrs, Volume= 0.282 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 151.98' @ 15.28 hrs Surf.Area= 6,744 sf Storage= 11,464 cf

Plug-Flow detention time= 679.0 min calculated for 0.282 af (74% of inflow)
 Center-of-Mass det. time= 580.6 min (1,383.3 - 802.7)

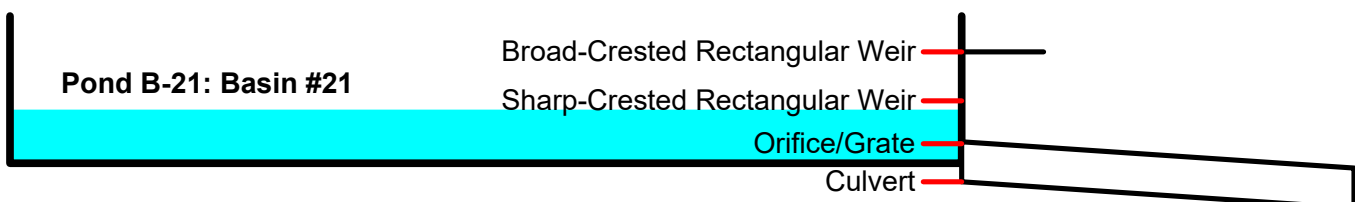
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

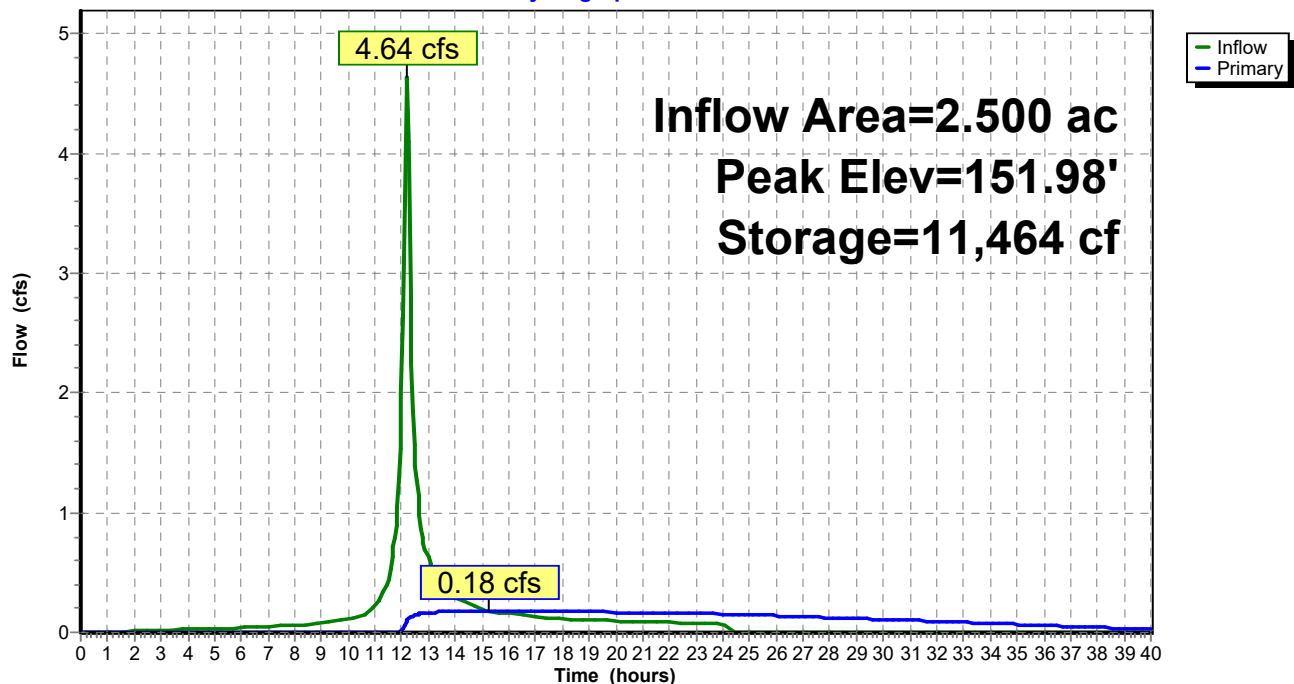
Primary OutFlow Max=0.18 cfs @ 15.28 hrs HW=151.98' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 11.83 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.18 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	0	150.00	0.00
0.60	0.00	0	150.00	0.00
0.70	0.00	0	150.00	0.00
0.80	0.00	0	150.00	0.00
0.90	0.00	0	150.00	0.00
1.00	0.00	0	150.00	0.00
1.10	0.00	0	150.00	0.00
1.20	0.00	0	150.00	0.00
1.30	0.00	0	150.00	0.00
1.40	0.00	1	150.00	0.00
1.50	0.00	1	150.00	0.00
1.60	0.00	3	150.00	0.00
1.70	0.01	4	150.00	0.00
1.80	0.01	6	150.00	0.00
1.90	0.01	9	150.00	0.00
2.00	0.01	11	150.00	0.00
2.10	0.01	15	150.00	0.00
2.20	0.01	18	150.00	0.00
2.30	0.01	22	150.00	0.00
2.40	0.01	26	150.01	0.00
2.50	0.01	31	150.01	0.00
2.60	0.01	36	150.01	0.00
2.70	0.01	41	150.01	0.00
2.80	0.02	46	150.01	0.00
2.90	0.02	52	150.01	0.00
3.00	0.02	58	150.01	0.00
3.10	0.02	65	150.01	0.00
3.20	0.02	72	150.01	0.00
3.30	0.02	79	150.02	0.00
3.40	0.02	86	150.02	0.00
3.50	0.02	93	150.02	0.00
3.60	0.02	101	150.02	0.00
3.70	0.02	109	150.02	0.00
3.80	0.02	118	150.02	0.00
3.90	0.02	126	150.03	0.00
4.00	0.02	135	150.03	0.00
4.10	0.03	144	150.03	0.00
4.20	0.03	153	150.03	0.00
4.30	0.03	163	150.03	0.00
4.40	0.03	173	150.04	0.00
4.50	0.03	183	150.04	0.00
4.60	0.03	193	150.04	0.00
4.70	0.03	203	150.04	0.00
4.80	0.03	214	150.04	0.00
4.90	0.03	225	150.05	0.00
5.00	0.03	236	150.05	0.00
5.10	0.03	247	150.05	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	259	150.05	0.00
5.30	0.03	271	150.06	0.00
5.40	0.03	283	150.06	0.00
5.50	0.03	295	150.06	0.00
5.60	0.03	307	150.06	0.00
5.70	0.04	319	150.07	0.00
5.80	0.04	332	150.07	0.00
5.90	0.04	345	150.07	0.00
6.00	0.04	358	150.07	0.00
6.10	0.04	371	150.08	0.00
6.20	0.04	385	150.08	0.00
6.30	0.04	399	150.08	0.00
6.40	0.04	413	150.08	0.00
6.50	0.04	428	150.09	0.00
6.60	0.04	444	150.09	0.00
6.70	0.04	459	150.09	0.00
6.80	0.05	476	150.10	0.00
6.90	0.05	492	150.10	0.00
7.00	0.05	509	150.10	0.00
7.10	0.05	527	150.11	0.00
7.20	0.05	545	150.11	0.00
7.30	0.05	564	150.11	0.00
7.40	0.05	583	150.12	0.00
7.50	0.05	602	150.12	0.00
7.60	0.06	622	150.13	0.00
7.70	0.06	642	150.13	0.00
7.80	0.06	663	150.13	0.00
7.90	0.06	684	150.14	0.00
8.00	0.06	706	150.14	0.00
8.10	0.06	728	150.15	0.00
8.20	0.06	751	150.15	0.00
8.30	0.07	774	150.16	0.00
8.40	0.07	798	150.16	0.00
8.50	0.07	822	150.17	0.00
8.60	0.07	846	150.17	0.00
8.70	0.07	872	150.18	0.00
8.80	0.07	897	150.18	0.00
8.90	0.07	923	150.19	0.00
9.00	0.07	950	150.19	0.00
9.10	0.08	977	150.20	0.00
9.20	0.08	1,005	150.20	0.00
9.30	0.08	1,034	150.21	0.00
9.40	0.09	1,065	150.22	0.00
9.50	0.09	1,098	150.22	0.00
9.60	0.10	1,132	150.23	0.00
9.70	0.10	1,168	150.24	0.00
9.80	0.11	1,205	150.24	0.00
9.90	0.11	1,244	150.25	0.00
10.00	0.12	1,285	150.26	0.00
10.10	0.12	1,327	150.27	0.00
10.20	0.12	1,371	150.28	0.00
10.30	0.13	1,416	150.28	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,463	150.29	0.00
10.50	0.14	1,512	150.30	0.00
10.60	0.15	1,563	150.31	0.00
10.70	0.16	1,617	150.32	0.00
10.80	0.18	1,678	150.34	0.00
10.90	0.20	1,746	150.35	0.00
11.00	0.22	1,822	150.36	0.00
11.10	0.25	1,907	150.38	0.00
11.20	0.29	2,004	150.40	0.00
11.30	0.33	2,115	150.42	0.00
11.40	0.38	2,243	150.44	0.00
11.50	0.43	2,388	150.47	0.00
11.60	0.53	2,557	150.50	0.00
11.70	0.72	2,782	150.55	0.00
11.80	0.89	3,069	150.60	0.00
11.90	1.25	3,450	150.67	0.00
12.00	1.99	4,016	150.77	0.01
12.10	3.57	4,979	150.94	0.06
12.20	4.53	6,495	151.20	0.10
12.30	2.82	7,777	151.41	0.13
12.40	1.86	8,556	151.54	0.14
12.50	1.39	9,079	151.62	0.15
12.60	1.13	9,480	151.68	0.15
12.70	0.86	9,780	151.73	0.16
12.80	0.75	10,011	151.76	0.16
12.90	0.68	10,209	151.79	0.16
13.00	0.61	10,382	151.82	0.16
13.10	0.55	10,532	151.84	0.17
13.20	0.49	10,659	151.86	0.17
13.30	0.45	10,769	151.88	0.17
13.40	0.42	10,865	151.89	0.17
13.50	0.38	10,948	151.91	0.17
13.60	0.35	11,018	151.92	0.17
13.70	0.32	11,076	151.92	0.17
13.80	0.31	11,127	151.93	0.17
13.90	0.30	11,173	151.94	0.17
14.00	0.29	11,215	151.95	0.17
14.10	0.28	11,254	151.95	0.17
14.20	0.27	11,290	151.96	0.17
14.30	0.26	11,322	151.96	0.18
14.40	0.25	11,351	151.97	0.18
14.50	0.24	11,377	151.97	0.18
14.60	0.23	11,399	151.97	0.18
14.70	0.22	11,419	151.98	0.18
14.80	0.22	11,434	151.98	0.18
14.90	0.21	11,447	151.98	0.18
15.00	0.20	11,455	151.98	0.18
15.10	0.19	11,461	151.98	0.18
15.20	0.18	11,463	151.98	0.18
15.30	0.18	11,464	151.98	0.18
15.40	0.17	11,463	151.98	0.18
15.50	0.17	11,461	151.98	0.18

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	11,459	151.98	0.18
15.70	0.17	11,456	151.98	0.18
15.80	0.16	11,451	151.98	0.18
15.90	0.16	11,446	151.98	0.18
16.00	0.16	11,441	151.98	0.18
16.10	0.16	11,434	151.98	0.18
16.20	0.15	11,426	151.98	0.18
16.30	0.15	11,418	151.98	0.18
16.40	0.15	11,409	151.97	0.18
16.50	0.15	11,399	151.97	0.18
16.60	0.14	11,388	151.97	0.18
16.70	0.14	11,376	151.97	0.18
16.80	0.14	11,364	151.97	0.18
16.90	0.14	11,350	151.97	0.18
17.00	0.13	11,336	151.96	0.18
17.10	0.13	11,321	151.96	0.18
17.20	0.13	11,306	151.96	0.17
17.30	0.13	11,289	151.96	0.17
17.40	0.12	11,271	151.95	0.17
17.50	0.12	11,253	151.95	0.17
17.60	0.12	11,234	151.95	0.17
17.70	0.12	11,214	151.95	0.17
17.80	0.11	11,193	151.94	0.17
17.90	0.11	11,172	151.94	0.17
18.00	0.11	11,149	151.94	0.17
18.10	0.11	11,126	151.93	0.17
18.20	0.11	11,102	151.93	0.17
18.30	0.10	11,078	151.93	0.17
18.40	0.10	11,053	151.92	0.17
18.50	0.10	11,029	151.92	0.17
18.60	0.10	11,004	151.91	0.17
18.70	0.10	10,979	151.91	0.17
18.80	0.10	10,954	151.91	0.17
18.90	0.10	10,929	151.90	0.17
19.00	0.10	10,903	151.90	0.17
19.10	0.10	10,878	151.90	0.17
19.20	0.10	10,853	151.89	0.17
19.30	0.10	10,827	151.89	0.17
19.40	0.10	10,801	151.88	0.17
19.50	0.10	10,776	151.88	0.17
19.60	0.10	10,750	151.88	0.17
19.70	0.10	10,724	151.87	0.17
19.80	0.10	10,698	151.87	0.17
19.90	0.09	10,672	151.86	0.17
20.00	0.09	10,645	151.86	0.17
20.10	0.09	10,619	151.86	0.17
20.20	0.09	10,592	151.85	0.17
20.30	0.09	10,566	151.85	0.17
20.40	0.09	10,539	151.84	0.17
20.50	0.09	10,512	151.84	0.17
20.60	0.09	10,485	151.84	0.17
20.70	0.09	10,458	151.83	0.16

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	10,431	151.83	0.16
20.90	0.09	10,404	151.82	0.16
21.00	0.09	10,377	151.82	0.16
21.10	0.09	10,349	151.82	0.16
21.20	0.09	10,322	151.81	0.16
21.30	0.09	10,294	151.81	0.16
21.40	0.09	10,266	151.80	0.16
21.50	0.08	10,239	151.80	0.16
21.60	0.08	10,211	151.79	0.16
21.70	0.08	10,183	151.79	0.16
21.80	0.08	10,155	151.79	0.16
21.90	0.08	10,126	151.78	0.16
22.00	0.08	10,098	151.78	0.16
22.10	0.08	10,070	151.77	0.16
22.20	0.08	10,041	151.77	0.16
22.30	0.08	10,013	151.76	0.16
22.40	0.08	9,984	151.76	0.16
22.50	0.08	9,955	151.76	0.16
22.60	0.08	9,926	151.75	0.16
22.70	0.08	9,898	151.75	0.16
22.80	0.08	9,869	151.74	0.16
22.90	0.08	9,839	151.74	0.16
23.00	0.08	9,810	151.73	0.16
23.10	0.07	9,781	151.73	0.16
23.20	0.07	9,751	151.72	0.16
23.30	0.07	9,722	151.72	0.16
23.40	0.07	9,692	151.71	0.15
23.50	0.07	9,663	151.71	0.15
23.60	0.07	9,633	151.71	0.15
23.70	0.07	9,603	151.70	0.15
23.80	0.07	9,573	151.70	0.15
23.90	0.07	9,543	151.69	0.15
24.00	0.07	9,514	151.69	0.15
24.10	0.06	9,485	151.68	0.15
24.20	0.02	9,444	151.68	0.15
24.30	0.00	9,393	151.67	0.15
24.40	0.00	9,339	151.66	0.15
24.50	0.00	9,286	151.65	0.15
24.60	0.00	9,232	151.64	0.15
24.70	0.00	9,179	151.63	0.15
24.80	0.00	9,126	151.63	0.15
24.90	0.00	9,073	151.62	0.15
25.00	0.00	9,020	151.61	0.15
25.10	0.00	8,968	151.60	0.14
25.20	0.00	8,916	151.59	0.14
25.30	0.00	8,864	151.59	0.14
25.40	0.00	8,813	151.58	0.14
25.50	0.00	8,762	151.57	0.14
25.60	0.00	8,711	151.56	0.14
25.70	0.00	8,660	151.55	0.14
25.80	0.00	8,610	151.55	0.14
25.90	0.00	8,560	151.54	0.14

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,510	151.53	0.14
26.10	0.00	8,461	151.52	0.14
26.20	0.00	8,411	151.51	0.14
26.30	0.00	8,363	151.51	0.14
26.40	0.00	8,314	151.50	0.13
26.50	0.00	8,265	151.49	0.13
26.60	0.00	8,217	151.48	0.13
26.70	0.00	8,170	151.48	0.13
26.80	0.00	8,122	151.47	0.13
26.90	0.00	8,075	151.46	0.13
27.00	0.00	8,028	151.45	0.13
27.10	0.00	7,981	151.45	0.13
27.20	0.00	7,935	151.44	0.13
27.30	0.00	7,889	151.43	0.13
27.40	0.00	7,843	151.42	0.13
27.50	0.00	7,797	151.42	0.13
27.60	0.00	7,752	151.41	0.13
27.70	0.00	7,707	151.40	0.12
27.80	0.00	7,662	151.39	0.12
27.90	0.00	7,618	151.39	0.12
28.00	0.00	7,574	151.38	0.12
28.10	0.00	7,530	151.37	0.12
28.20	0.00	7,486	151.36	0.12
28.30	0.00	7,443	151.36	0.12
28.40	0.00	7,400	151.35	0.12
28.50	0.00	7,357	151.34	0.12
28.60	0.00	7,315	151.34	0.12
28.70	0.00	7,272	151.33	0.12
28.80	0.00	7,231	151.32	0.12
28.90	0.00	7,189	151.32	0.12
29.00	0.00	7,148	151.31	0.11
29.10	0.00	7,107	151.30	0.11
29.20	0.00	7,066	151.30	0.11
29.30	0.00	7,025	151.29	0.11
29.40	0.00	6,985	151.28	0.11
29.50	0.00	6,945	151.28	0.11
29.60	0.00	6,906	151.27	0.11
29.70	0.00	6,867	151.26	0.11
29.80	0.00	6,828	151.26	0.11
29.90	0.00	6,789	151.25	0.11
30.00	0.00	6,750	151.24	0.11
30.10	0.00	6,712	151.24	0.11
30.20	0.00	6,675	151.23	0.10
30.30	0.00	6,637	151.23	0.10
30.40	0.00	6,600	151.22	0.10
30.50	0.00	6,563	151.21	0.10
30.60	0.00	6,526	151.21	0.10
30.70	0.00	6,490	151.20	0.10
30.80	0.00	6,454	151.19	0.10
30.90	0.00	6,418	151.19	0.10
31.00	0.00	6,382	151.18	0.10
31.10	0.00	6,347	151.18	0.10

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,312	151.17	0.10
31.30	0.00	6,278	151.16	0.10
31.40	0.00	6,243	151.16	0.09
31.50	0.00	6,209	151.15	0.09
31.60	0.00	6,176	151.15	0.09
31.70	0.00	6,142	151.14	0.09
31.80	0.00	6,109	151.14	0.09
31.90	0.00	6,076	151.13	0.09
32.00	0.00	6,044	151.13	0.09
32.10	0.00	6,011	151.12	0.09
32.20	0.00	5,979	151.11	0.09
32.30	0.00	5,948	151.11	0.09
32.40	0.00	5,916	151.10	0.09
32.50	0.00	5,885	151.10	0.09
32.60	0.00	5,854	151.09	0.09
32.70	0.00	5,824	151.09	0.08
32.80	0.00	5,794	151.08	0.08
32.90	0.00	5,764	151.08	0.08
33.00	0.00	5,734	151.07	0.08
33.10	0.00	5,705	151.07	0.08
33.20	0.00	5,676	151.06	0.08
33.30	0.00	5,648	151.06	0.08
33.40	0.00	5,619	151.05	0.08
33.50	0.00	5,591	151.05	0.08
33.60	0.00	5,563	151.04	0.08
33.70	0.00	5,536	151.04	0.08
33.80	0.00	5,509	151.03	0.08
33.90	0.00	5,482	151.03	0.07
34.00	0.00	5,455	151.02	0.07
34.10	0.00	5,429	151.02	0.07
34.20	0.00	5,403	151.02	0.07
34.30	0.00	5,377	151.01	0.07
34.40	0.00	5,352	151.01	0.07
34.50	0.00	5,327	151.00	0.07
34.60	0.00	5,302	151.00	0.07
34.70	0.00	5,277	150.99	0.07
34.80	0.00	5,253	150.99	0.07
34.90	0.00	5,229	150.99	0.07
35.00	0.00	5,206	150.98	0.06
35.10	0.00	5,183	150.98	0.06
35.20	0.00	5,160	150.97	0.06
35.30	0.00	5,137	150.97	0.06
35.40	0.00	5,115	150.97	0.06
35.50	0.00	5,093	150.96	0.06
35.60	0.00	5,071	150.96	0.06
35.70	0.00	5,050	150.95	0.06
35.80	0.00	5,029	150.95	0.06
35.90	0.00	5,008	150.95	0.06
36.00	0.00	4,987	150.94	0.06
36.10	0.00	4,967	150.94	0.06
36.20	0.00	4,947	150.94	0.05
36.30	0.00	4,928	150.93	0.05

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,908	150.93	0.05
36.50	0.00	4,889	150.93	0.05
36.60	0.00	4,871	150.92	0.05
36.70	0.00	4,853	150.92	0.05
36.80	0.00	4,835	150.92	0.05
36.90	0.00	4,817	150.91	0.05
37.00	0.00	4,800	150.91	0.05
37.10	0.00	4,783	150.91	0.05
37.20	0.00	4,767	150.90	0.05
37.30	0.00	4,750	150.90	0.04
37.40	0.00	4,734	150.90	0.04
37.50	0.00	4,719	150.90	0.04
37.60	0.00	4,703	150.89	0.04
37.70	0.00	4,688	150.89	0.04
37.80	0.00	4,673	150.89	0.04
37.90	0.00	4,659	150.89	0.04
38.00	0.00	4,645	150.88	0.04
38.10	0.00	4,631	150.88	0.04
38.20	0.00	4,617	150.88	0.04
38.30	0.00	4,603	150.88	0.04
38.40	0.00	4,590	150.87	0.04
38.50	0.00	4,577	150.87	0.04
38.60	0.00	4,565	150.87	0.03
38.70	0.00	4,553	150.87	0.03
38.80	0.00	4,541	150.86	0.03
38.90	0.00	4,529	150.86	0.03
39.00	0.00	4,517	150.86	0.03
39.10	0.00	4,506	150.86	0.03
39.20	0.00	4,495	150.86	0.03
39.30	0.00	4,484	150.85	0.03
39.40	0.00	4,474	150.85	0.03
39.50	0.00	4,464	150.85	0.03
39.60	0.00	4,454	150.85	0.03
39.70	0.00	4,444	150.85	0.03
39.80	0.00	4,434	150.85	0.03
39.90	0.00	4,425	150.84	0.03
40.00	0.00	4,416	150.84	0.03

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 1.79" for Current 2 yr event
 Inflow = 4.46 cfs @ 12.18 hrs, Volume= 0.367 af
 Outflow = 0.15 cfs @ 16.12 hrs, Volume= 0.258 af, Atten= 97%, Lag= 236.8 min
 Primary = 0.15 cfs @ 16.12 hrs, Volume= 0.258 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 149.46' @ 16.12 hrs Surf.Area= 8,427 sf Storage= 11,191 cf

Plug-Flow detention time= 719.3 min calculated for 0.258 af (70% of inflow)
 Center-of-Mass det. time= 614.7 min (1,420.1 - 805.4)

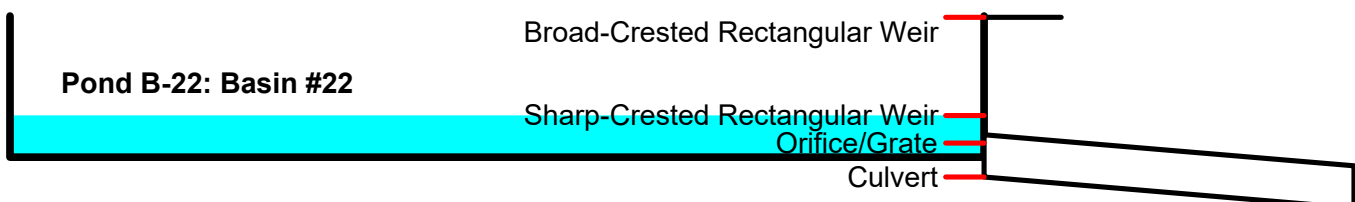
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

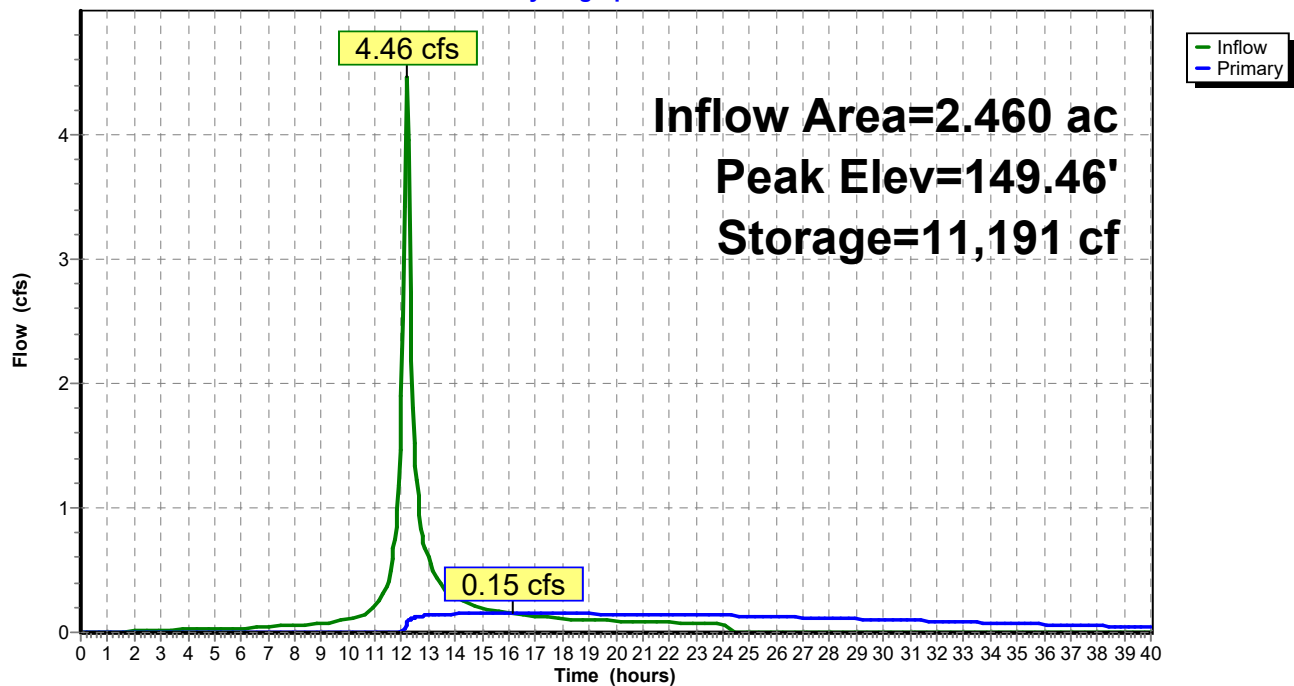
Primary OutFlow Max=0.15 cfs @ 16.12 hrs HW=149.46' (Free Discharge)

- 1=Culvert (Passes 0.15 cfs of 10.10 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.45 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-22: Basin #22

Hydrograph



Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	0	148.00	0.00
0.60	0.00	0	148.00	0.00
0.70	0.00	0	148.00	0.00
0.80	0.00	0	148.00	0.00
0.90	0.00	0	148.00	0.00
1.00	0.00	0	148.00	0.00
1.10	0.00	0	148.00	0.00
1.20	0.00	0	148.00	0.00
1.30	0.00	0	148.00	0.00
1.40	0.00	0	148.00	0.00
1.50	0.00	1	148.00	0.00
1.60	0.00	2	148.00	0.00
1.70	0.00	4	148.00	0.00
1.80	0.01	6	148.00	0.00
1.90	0.01	8	148.00	0.00
2.00	0.01	11	148.00	0.00
2.10	0.01	13	148.00	0.00
2.20	0.01	17	148.00	0.00
2.30	0.01	20	148.00	0.00
2.40	0.01	24	148.00	0.00
2.50	0.01	28	148.00	0.00
2.60	0.01	33	148.00	0.00
2.70	0.01	38	148.01	0.00
2.80	0.01	43	148.01	0.00
2.90	0.02	48	148.01	0.00
3.00	0.02	54	148.01	0.00
3.10	0.02	60	148.01	0.00
3.20	0.02	66	148.01	0.00
3.30	0.02	72	148.01	0.00
3.40	0.02	79	148.01	0.00
3.50	0.02	86	148.01	0.00
3.60	0.02	93	148.01	0.00
3.70	0.02	100	148.01	0.00
3.80	0.02	108	148.02	0.00
3.90	0.02	116	148.02	0.00
4.00	0.02	124	148.02	0.00
4.10	0.02	132	148.02	0.00
4.20	0.02	141	148.02	0.00
4.30	0.02	149	148.02	0.00
4.40	0.03	158	148.02	0.00
4.50	0.03	168	148.02	0.00
4.60	0.03	177	148.03	0.00
4.70	0.03	187	148.03	0.00
4.80	0.03	196	148.03	0.00
4.90	0.03	206	148.03	0.00
5.00	0.03	217	148.03	0.00
5.10	0.03	227	148.03	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	238	148.03	0.00
5.30	0.03	248	148.04	0.00
5.40	0.03	259	148.04	0.00
5.50	0.03	270	148.04	0.00
5.60	0.03	282	148.04	0.00
5.70	0.03	293	148.04	0.00
5.80	0.03	305	148.04	0.00
5.90	0.03	317	148.05	0.00
6.00	0.03	329	148.05	0.00
6.10	0.03	341	148.05	0.00
6.20	0.04	353	148.05	0.00
6.30	0.04	366	148.05	0.00
6.40	0.04	379	148.05	0.00
6.50	0.04	393	148.06	0.00
6.60	0.04	407	148.06	0.00
6.70	0.04	422	148.06	0.00
6.80	0.04	436	148.06	0.00
6.90	0.04	452	148.06	0.00
7.00	0.04	467	148.07	0.00
7.10	0.05	484	148.07	0.00
7.20	0.05	500	148.07	0.00
7.30	0.05	517	148.07	0.00
7.40	0.05	535	148.08	0.00
7.50	0.05	552	148.08	0.00
7.60	0.05	571	148.08	0.00
7.70	0.05	589	148.08	0.00
7.80	0.05	608	148.09	0.00
7.90	0.05	628	148.09	0.00
8.00	0.06	648	148.09	0.00
8.10	0.06	668	148.10	0.00
8.20	0.06	689	148.10	0.00
8.30	0.06	710	148.10	0.00
8.40	0.06	732	148.10	0.00
8.50	0.06	754	148.11	0.00
8.60	0.06	777	148.11	0.00
8.70	0.06	800	148.11	0.00
8.80	0.07	823	148.12	0.00
8.90	0.07	847	148.12	0.00
9.00	0.07	871	148.12	0.00
9.10	0.07	896	148.13	0.00
9.20	0.07	922	148.13	0.00
9.30	0.08	949	148.14	0.00
9.40	0.08	977	148.14	0.00
9.50	0.09	1,007	148.14	0.00
9.60	0.09	1,039	148.15	0.00
9.70	0.09	1,071	148.15	0.00
9.80	0.10	1,106	148.16	0.00
9.90	0.10	1,142	148.16	0.00
10.00	0.11	1,179	148.17	0.00
10.10	0.11	1,217	148.17	0.00
10.20	0.11	1,258	148.18	0.00
10.30	0.12	1,299	148.19	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,343	148.19	0.00
10.50	0.13	1,387	148.20	0.00
10.60	0.13	1,434	148.20	0.00
10.70	0.15	1,484	148.21	0.00
10.80	0.16	1,540	148.22	0.00
10.90	0.18	1,603	148.23	0.00
11.00	0.21	1,673	148.24	0.00
11.10	0.23	1,751	148.25	0.00
11.20	0.27	1,841	148.26	0.00
11.30	0.31	1,945	148.28	0.00
11.40	0.35	2,064	148.29	0.00
11.50	0.40	2,200	148.31	0.00
11.60	0.50	2,358	148.33	0.00
11.70	0.67	2,569	148.36	0.00
11.80	0.84	2,840	148.40	0.00
11.90	1.19	3,201	148.45	0.00
12.00	1.89	3,740	148.52	0.00
12.10	3.42	4,665	148.64	0.03
12.20	4.36	6,126	148.83	0.08
12.30	2.72	7,368	148.99	0.10
12.40	1.79	8,127	149.09	0.11
12.50	1.34	8,640	149.15	0.12
12.60	1.10	9,036	149.20	0.13
12.70	0.84	9,334	149.24	0.13
12.80	0.72	9,565	149.26	0.13
12.90	0.65	9,765	149.29	0.14
13.00	0.59	9,940	149.31	0.14
13.10	0.53	10,093	149.33	0.14
13.20	0.48	10,224	149.34	0.14
13.30	0.44	10,338	149.36	0.14
13.40	0.41	10,438	149.37	0.14
13.50	0.37	10,526	149.38	0.14
13.60	0.34	10,602	149.39	0.15
13.70	0.31	10,666	149.40	0.15
13.80	0.30	10,723	149.40	0.15
13.90	0.29	10,775	149.41	0.15
14.00	0.28	10,824	149.42	0.15
14.10	0.27	10,869	149.42	0.15
14.20	0.26	10,912	149.43	0.15
14.30	0.25	10,951	149.43	0.15
14.40	0.24	10,986	149.44	0.15
14.50	0.24	11,019	149.44	0.15
14.60	0.23	11,048	149.44	0.15
14.70	0.22	11,074	149.45	0.15
14.80	0.21	11,097	149.45	0.15
14.90	0.20	11,116	149.45	0.15
15.00	0.19	11,132	149.45	0.15
15.10	0.18	11,145	149.45	0.15
15.20	0.17	11,155	149.46	0.15
15.30	0.17	11,162	149.46	0.15
15.40	0.17	11,169	149.46	0.15
15.50	0.17	11,174	149.46	0.15

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	11,179	149.46	0.15
15.70	0.16	11,183	149.46	0.15
15.80	0.16	11,186	149.46	0.15
15.90	0.16	11,189	149.46	0.15
16.00	0.15	11,190	149.46	0.15
16.10	0.15	11,191	149.46	0.15
16.20	0.15	11,190	149.46	0.15
16.30	0.15	11,189	149.46	0.15
16.40	0.15	11,188	149.46	0.15
16.50	0.14	11,185	149.46	0.15
16.60	0.14	11,181	149.46	0.15
16.70	0.14	11,177	149.46	0.15
16.80	0.14	11,171	149.46	0.15
16.90	0.13	11,165	149.46	0.15
17.00	0.13	11,158	149.46	0.15
17.10	0.13	11,151	149.45	0.15
17.20	0.13	11,142	149.45	0.15
17.30	0.12	11,133	149.45	0.15
17.40	0.12	11,122	149.45	0.15
17.50	0.12	11,111	149.45	0.15
17.60	0.12	11,099	149.45	0.15
17.70	0.11	11,087	149.45	0.15
17.80	0.11	11,073	149.45	0.15
17.90	0.11	11,059	149.44	0.15
18.00	0.11	11,044	149.44	0.15
18.10	0.10	11,028	149.44	0.15
18.20	0.10	11,011	149.44	0.15
18.30	0.10	10,994	149.44	0.15
18.40	0.10	10,976	149.43	0.15
18.50	0.10	10,958	149.43	0.15
18.60	0.10	10,941	149.43	0.15
18.70	0.10	10,923	149.43	0.15
18.80	0.10	10,905	149.43	0.15
18.90	0.10	10,887	149.42	0.15
19.00	0.10	10,868	149.42	0.15
19.10	0.10	10,850	149.42	0.15
19.20	0.10	10,831	149.42	0.15
19.30	0.10	10,812	149.41	0.15
19.40	0.09	10,794	149.41	0.15
19.50	0.09	10,775	149.41	0.15
19.60	0.09	10,755	149.41	0.15
19.70	0.09	10,736	149.41	0.15
19.80	0.09	10,717	149.40	0.15
19.90	0.09	10,697	149.40	0.15
20.00	0.09	10,678	149.40	0.15
20.10	0.09	10,658	149.40	0.15
20.20	0.09	10,638	149.39	0.15
20.30	0.09	10,618	149.39	0.15
20.40	0.09	10,597	149.39	0.15
20.50	0.09	10,577	149.39	0.15
20.60	0.09	10,557	149.38	0.14
20.70	0.09	10,536	149.38	0.14

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	10,515	149.38	0.14
20.90	0.09	10,494	149.38	0.14
21.00	0.09	10,473	149.37	0.14
21.10	0.08	10,452	149.37	0.14
21.20	0.08	10,431	149.37	0.14
21.30	0.08	10,410	149.37	0.14
21.40	0.08	10,388	149.36	0.14
21.50	0.08	10,366	149.36	0.14
21.60	0.08	10,345	149.36	0.14
21.70	0.08	10,323	149.36	0.14
21.80	0.08	10,301	149.35	0.14
21.90	0.08	10,279	149.35	0.14
22.00	0.08	10,256	149.35	0.14
22.10	0.08	10,234	149.34	0.14
22.20	0.08	10,211	149.34	0.14
22.30	0.08	10,189	149.34	0.14
22.40	0.08	10,166	149.34	0.14
22.50	0.08	10,143	149.33	0.14
22.60	0.08	10,120	149.33	0.14
22.70	0.08	10,097	149.33	0.14
22.80	0.07	10,073	149.33	0.14
22.90	0.07	10,050	149.32	0.14
23.00	0.07	10,026	149.32	0.14
23.10	0.07	10,003	149.32	0.14
23.20	0.07	9,979	149.31	0.14
23.30	0.07	9,955	149.31	0.14
23.40	0.07	9,931	149.31	0.14
23.50	0.07	9,907	149.31	0.14
23.60	0.07	9,882	149.30	0.14
23.70	0.07	9,858	149.30	0.14
23.80	0.07	9,834	149.30	0.14
23.90	0.07	9,809	149.29	0.14
24.00	0.07	9,785	149.29	0.14
24.10	0.06	9,761	149.29	0.14
24.20	0.02	9,725	149.28	0.14
24.30	0.00	9,680	149.28	0.13
24.40	0.00	9,632	149.27	0.13
24.50	0.00	9,584	149.27	0.13
24.60	0.00	9,536	149.26	0.13
24.70	0.00	9,489	149.25	0.13
24.80	0.00	9,441	149.25	0.13
24.90	0.00	9,394	149.24	0.13
25.00	0.00	9,347	149.24	0.13
25.10	0.00	9,300	149.23	0.13
25.20	0.00	9,253	149.23	0.13
25.30	0.00	9,207	149.22	0.13
25.40	0.00	9,160	149.21	0.13
25.50	0.00	9,114	149.21	0.13
25.60	0.00	9,068	149.20	0.13
25.70	0.00	9,023	149.20	0.13
25.80	0.00	8,977	149.19	0.13
25.90	0.00	8,932	149.19	0.13

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,887	149.18	0.12
26.10	0.00	8,842	149.18	0.12
26.20	0.00	8,798	149.17	0.12
26.30	0.00	8,754	149.16	0.12
26.40	0.00	8,709	149.16	0.12
26.50	0.00	8,666	149.15	0.12
26.60	0.00	8,622	149.15	0.12
26.70	0.00	8,578	149.14	0.12
26.80	0.00	8,535	149.14	0.12
26.90	0.00	8,492	149.13	0.12
27.00	0.00	8,449	149.13	0.12
27.10	0.00	8,407	149.12	0.12
27.20	0.00	8,364	149.12	0.12
27.30	0.00	8,322	149.11	0.12
27.40	0.00	8,280	149.11	0.12
27.50	0.00	8,238	149.10	0.12
27.60	0.00	8,197	149.10	0.12
27.70	0.00	8,156	149.09	0.11
27.80	0.00	8,114	149.09	0.11
27.90	0.00	8,074	149.08	0.11
28.00	0.00	8,033	149.08	0.11
28.10	0.00	7,993	149.07	0.11
28.20	0.00	7,952	149.07	0.11
28.30	0.00	7,912	149.06	0.11
28.40	0.00	7,873	149.06	0.11
28.50	0.00	7,833	149.05	0.11
28.60	0.00	7,794	149.05	0.11
28.70	0.00	7,754	149.04	0.11
28.80	0.00	7,716	149.04	0.11
28.90	0.00	7,677	149.03	0.11
29.00	0.00	7,638	149.03	0.11
29.10	0.00	7,600	149.02	0.11
29.20	0.00	7,562	149.02	0.11
29.30	0.00	7,524	149.01	0.10
29.40	0.00	7,487	149.01	0.10
29.50	0.00	7,449	149.00	0.10
29.60	0.00	7,412	149.00	0.10
29.70	0.00	7,375	148.99	0.10
29.80	0.00	7,339	148.99	0.10
29.90	0.00	7,302	148.98	0.10
30.00	0.00	7,266	148.98	0.10
30.10	0.00	7,230	148.97	0.10
30.20	0.00	7,194	148.97	0.10
30.30	0.00	7,158	148.97	0.10
30.40	0.00	7,123	148.96	0.10
30.50	0.00	7,088	148.96	0.10
30.60	0.00	7,053	148.95	0.10
30.70	0.00	7,018	148.95	0.10
30.80	0.00	6,984	148.94	0.10
30.90	0.00	6,949	148.94	0.09
31.00	0.00	6,915	148.93	0.09
31.10	0.00	6,881	148.93	0.09

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,848	148.93	0.09
31.30	0.00	6,814	148.92	0.09
31.40	0.00	6,781	148.92	0.09
31.50	0.00	6,748	148.91	0.09
31.60	0.00	6,716	148.91	0.09
31.70	0.00	6,683	148.90	0.09
31.80	0.00	6,651	148.90	0.09
31.90	0.00	6,619	148.90	0.09
32.00	0.00	6,587	148.89	0.09
32.10	0.00	6,555	148.89	0.09
32.20	0.00	6,524	148.88	0.09
32.30	0.00	6,493	148.88	0.09
32.40	0.00	6,462	148.88	0.09
32.50	0.00	6,431	148.87	0.08
32.60	0.00	6,401	148.87	0.08
32.70	0.00	6,370	148.86	0.08
32.80	0.00	6,340	148.86	0.08
32.90	0.00	6,311	148.86	0.08
33.00	0.00	6,281	148.85	0.08
33.10	0.00	6,252	148.85	0.08
33.20	0.00	6,222	148.85	0.08
33.30	0.00	6,193	148.84	0.08
33.40	0.00	6,165	148.84	0.08
33.50	0.00	6,136	148.83	0.08
33.60	0.00	6,108	148.83	0.08
33.70	0.00	6,080	148.83	0.08
33.80	0.00	6,052	148.82	0.08
33.90	0.00	6,025	148.82	0.08
34.00	0.00	5,997	148.82	0.08
34.10	0.00	5,970	148.81	0.08
34.20	0.00	5,943	148.81	0.07
34.30	0.00	5,917	148.81	0.07
34.40	0.00	5,890	148.80	0.07
34.50	0.00	5,864	148.80	0.07
34.60	0.00	5,838	148.80	0.07
34.70	0.00	5,812	148.79	0.07
34.80	0.00	5,787	148.79	0.07
34.90	0.00	5,761	148.79	0.07
35.00	0.00	5,736	148.78	0.07
35.10	0.00	5,711	148.78	0.07
35.20	0.00	5,687	148.78	0.07
35.30	0.00	5,662	148.77	0.07
35.40	0.00	5,638	148.77	0.07
35.50	0.00	5,614	148.77	0.07
35.60	0.00	5,591	148.76	0.07
35.70	0.00	5,567	148.76	0.06
35.80	0.00	5,544	148.76	0.06
35.90	0.00	5,521	148.76	0.06
36.00	0.00	5,498	148.75	0.06
36.10	0.00	5,475	148.75	0.06
36.20	0.00	5,453	148.75	0.06
36.30	0.00	5,431	148.74	0.06

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,409	148.74	0.06
36.50	0.00	5,387	148.74	0.06
36.60	0.00	5,366	148.74	0.06
36.70	0.00	5,345	148.73	0.06
36.80	0.00	5,324	148.73	0.06
36.90	0.00	5,303	148.73	0.06
37.00	0.00	5,282	148.72	0.06
37.10	0.00	5,262	148.72	0.06
37.20	0.00	5,242	148.72	0.06
37.30	0.00	5,222	148.72	0.05
37.40	0.00	5,202	148.71	0.05
37.50	0.00	5,183	148.71	0.05
37.60	0.00	5,164	148.71	0.05
37.70	0.00	5,145	148.71	0.05
37.80	0.00	5,126	148.70	0.05
37.90	0.00	5,107	148.70	0.05
38.00	0.00	5,089	148.70	0.05
38.10	0.00	5,070	148.70	0.05
38.20	0.00	5,053	148.69	0.05
38.30	0.00	5,035	148.69	0.05
38.40	0.00	5,018	148.69	0.05
38.50	0.00	5,001	148.69	0.05
38.60	0.00	4,984	148.69	0.05
38.70	0.00	4,967	148.68	0.05
38.80	0.00	4,951	148.68	0.04
38.90	0.00	4,935	148.68	0.04
39.00	0.00	4,919	148.68	0.04
39.10	0.00	4,904	148.67	0.04
39.20	0.00	4,888	148.67	0.04
39.30	0.00	4,873	148.67	0.04
39.40	0.00	4,858	148.67	0.04
39.50	0.00	4,844	148.67	0.04
39.60	0.00	4,830	148.66	0.04
39.70	0.00	4,815	148.66	0.04
39.80	0.00	4,801	148.66	0.04
39.90	0.00	4,788	148.66	0.04
40.00	0.00	4,774	148.66	0.04

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 1.80" for Current 2 yr event
 Inflow = 4.46 cfs @ 12.18 hrs, Volume= 0.368 af
 Outflow = 0.39 cfs @ 13.43 hrs, Volume= 0.281 af, Atten= 91%, Lag= 75.4 min
 Primary = 0.39 cfs @ 13.43 hrs, Volume= 0.281 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.51' @ 13.43 hrs Surf.Area= 7,079 sf Storage= 9,520 cf

Plug-Flow detention time= 379.0 min calculated for 0.281 af (76% of inflow)
 Center-of-Mass det. time= 286.0 min (1,090.8 - 804.8)

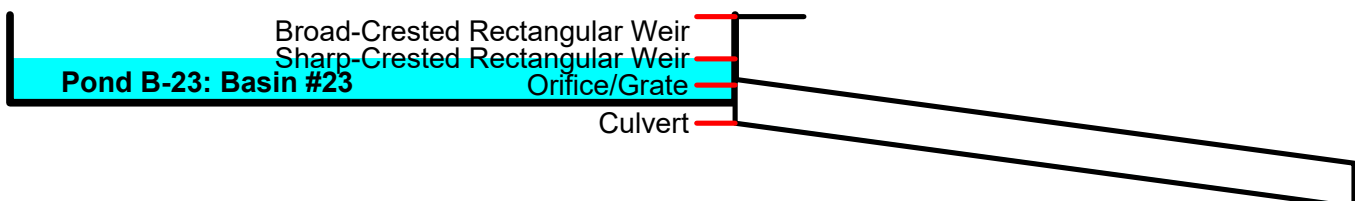
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

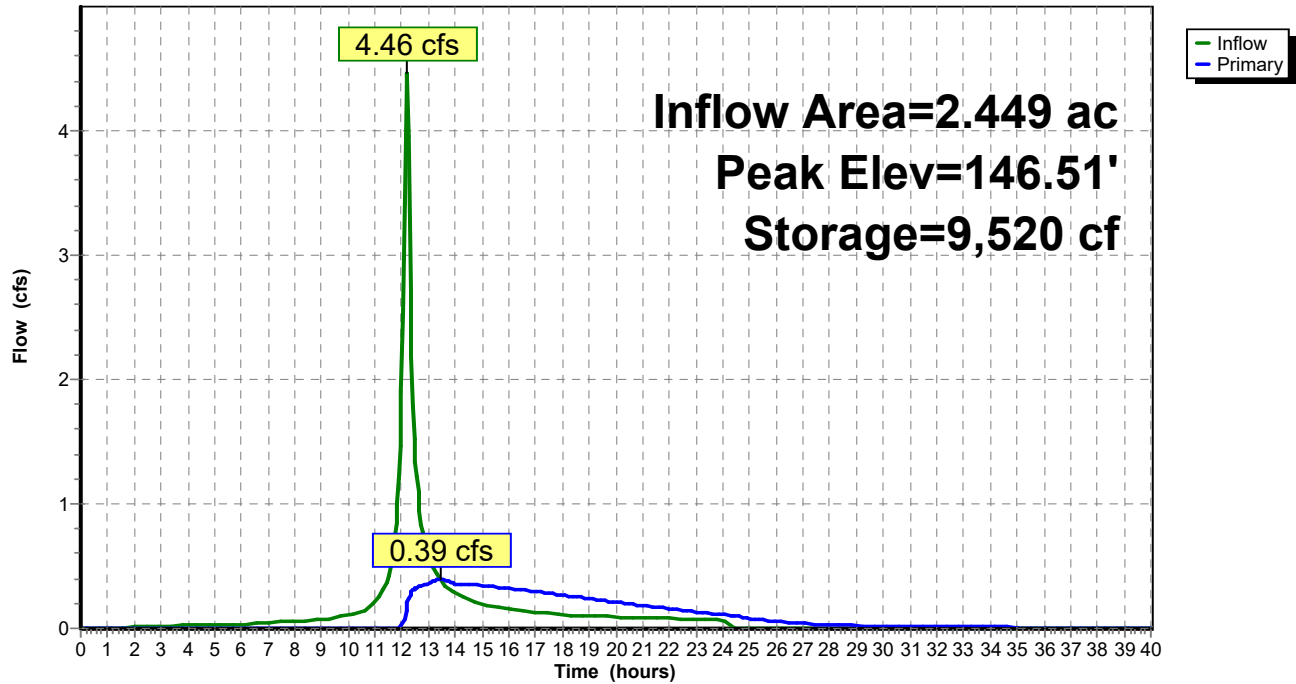
Primary OutFlow Max=0.38 cfs @ 13.43 hrs HW=146.51' (Free Discharge)

1=Culvert (Passes 0.38 cfs of 10.30 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.36 cfs @ 4.14 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 0.02 cfs @ 0.39 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23

Hydrograph



Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	0	145.00	0.00
0.60	0.00	0	145.00	0.00
0.70	0.00	0	145.00	0.00
0.80	0.00	0	145.00	0.00
0.90	0.00	0	145.00	0.00
1.00	0.00	0	145.00	0.00
1.10	0.00	0	145.00	0.00
1.20	0.00	0	145.00	0.00
1.30	0.00	0	145.00	0.00
1.40	0.00	0	145.00	0.00
1.50	0.00	1	145.00	0.00
1.60	0.00	2	145.00	0.00
1.70	0.00	4	145.00	0.00
1.80	0.01	6	145.00	0.00
1.90	0.01	8	145.00	0.00
2.00	0.01	11	145.00	0.00
2.10	0.01	14	145.00	0.00
2.20	0.01	17	145.00	0.00
2.30	0.01	20	145.00	0.00
2.40	0.01	24	145.00	0.00
2.50	0.01	29	145.01	0.00
2.60	0.01	33	145.01	0.00
2.70	0.01	38	145.01	0.00
2.80	0.01	43	145.01	0.00
2.90	0.02	49	145.01	0.00
3.00	0.02	54	145.01	0.00
3.10	0.02	60	145.01	0.00
3.20	0.02	66	145.01	0.00
3.30	0.02	73	145.01	0.00
3.40	0.02	80	145.01	0.00
3.50	0.02	87	145.02	0.00
3.60	0.02	94	145.02	0.00
3.70	0.02	101	145.02	0.00
3.80	0.02	109	145.02	0.00
3.90	0.02	117	145.02	0.00
4.00	0.02	125	145.02	0.00
4.10	0.02	134	145.02	0.00
4.20	0.02	142	145.03	0.00
4.30	0.02	151	145.03	0.00
4.40	0.03	160	145.03	0.00
4.50	0.03	170	145.03	0.00
4.60	0.03	179	145.03	0.00
4.70	0.03	189	145.03	0.00
4.80	0.03	199	145.04	0.00
4.90	0.03	209	145.04	0.00
5.00	0.03	219	145.04	0.00
5.10	0.03	229	145.04	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	240	145.04	0.00
5.30	0.03	251	145.05	0.00
5.40	0.03	262	145.05	0.00
5.50	0.03	273	145.05	0.00
5.60	0.03	285	145.05	0.00
5.70	0.03	296	145.05	0.00
5.80	0.03	308	145.06	0.00
5.90	0.03	320	145.06	0.00
6.00	0.03	332	145.06	0.00
6.10	0.03	345	145.06	0.00
6.20	0.04	357	145.06	0.00
6.30	0.04	370	145.07	0.00
6.40	0.04	384	145.07	0.00
6.50	0.04	397	145.07	0.00
6.60	0.04	412	145.07	0.00
6.70	0.04	426	145.08	0.00
6.80	0.04	441	145.08	0.00
6.90	0.04	457	145.08	0.00
7.00	0.04	473	145.09	0.00
7.10	0.05	489	145.09	0.00
7.20	0.05	506	145.09	0.00
7.30	0.05	523	145.09	0.00
7.40	0.05	540	145.10	0.00
7.50	0.05	558	145.10	0.00
7.60	0.05	577	145.10	0.00
7.70	0.05	596	145.11	0.00
7.80	0.05	615	145.11	0.00
7.90	0.06	635	145.11	0.00
8.00	0.06	655	145.12	0.00
8.10	0.06	676	145.12	0.00
8.20	0.06	697	145.12	0.00
8.30	0.06	718	145.13	0.00
8.40	0.06	740	145.13	0.00
8.50	0.06	762	145.14	0.00
8.60	0.06	785	145.14	0.00
8.70	0.07	809	145.14	0.00
8.80	0.07	832	145.15	0.00
8.90	0.07	856	145.15	0.00
9.00	0.07	881	145.16	0.00
9.10	0.07	906	145.16	0.00
9.20	0.07	932	145.17	0.00
9.30	0.08	959	145.17	0.00
9.40	0.08	988	145.18	0.00
9.50	0.09	1,018	145.18	0.00
9.60	0.09	1,050	145.19	0.00
9.70	0.09	1,083	145.19	0.00
9.80	0.10	1,118	145.20	0.00
9.90	0.10	1,154	145.21	0.00
10.00	0.11	1,192	145.21	0.00
10.10	0.11	1,231	145.22	0.00
10.20	0.12	1,272	145.23	0.00
10.30	0.12	1,314	145.23	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,357	145.24	0.00
10.50	0.13	1,403	145.25	0.00
10.60	0.13	1,450	145.26	0.00
10.70	0.15	1,501	145.27	0.00
10.80	0.17	1,557	145.28	0.00
10.90	0.19	1,620	145.29	0.00
11.00	0.21	1,691	145.30	0.00
11.10	0.23	1,770	145.31	0.00
11.20	0.27	1,861	145.33	0.00
11.30	0.31	1,966	145.35	0.00
11.40	0.36	2,086	145.37	0.00
11.50	0.40	2,222	145.39	0.00
11.60	0.50	2,381	145.42	0.00
11.70	0.68	2,594	145.45	0.00
11.80	0.85	2,866	145.50	0.00
11.90	1.19	3,228	145.56	0.00
12.00	1.90	3,768	145.65	0.00
12.10	3.42	4,689	145.79	0.07
12.20	4.36	6,121	146.02	0.21
12.30	2.72	7,309	146.19	0.27
12.40	1.79	8,003	146.30	0.30
12.50	1.34	8,445	146.36	0.32
12.60	1.10	8,768	146.41	0.33
12.70	0.83	8,990	146.44	0.34
12.80	0.72	9,144	146.46	0.35
12.90	0.65	9,266	146.48	0.35
13.00	0.59	9,363	146.49	0.36
13.10	0.53	9,436	146.50	0.36
13.20	0.48	9,483	146.51	0.38
13.30	0.44	9,509	146.51	0.39
13.40	0.40	9,520	146.51	0.39
13.50	0.37	9,518	146.51	0.39
13.60	0.34	9,505	146.51	0.39
13.70	0.31	9,483	146.51	0.38
13.80	0.30	9,456	146.51	0.37
13.90	0.29	9,430	146.50	0.36
14.00	0.28	9,402	146.50	0.36
14.10	0.27	9,373	146.49	0.36
14.20	0.26	9,340	146.49	0.35
14.30	0.25	9,305	146.48	0.35
14.40	0.24	9,268	146.48	0.35
14.50	0.24	9,228	146.47	0.35
14.60	0.23	9,185	146.47	0.35
14.70	0.22	9,139	146.46	0.35
14.80	0.21	9,091	146.45	0.35
14.90	0.20	9,041	146.45	0.34
15.00	0.19	8,988	146.44	0.34
15.10	0.18	8,932	146.43	0.34
15.20	0.17	8,874	146.42	0.34
15.30	0.17	8,815	146.41	0.34
15.40	0.17	8,756	146.41	0.33
15.50	0.17	8,696	146.40	0.33

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	8,637	146.39	0.33
15.70	0.16	8,577	146.38	0.33
15.80	0.16	8,518	146.37	0.32
15.90	0.16	8,458	146.36	0.32
16.00	0.15	8,399	146.35	0.32
16.10	0.15	8,340	146.35	0.32
16.20	0.15	8,280	146.34	0.31
16.30	0.15	8,221	146.33	0.31
16.40	0.14	8,162	146.32	0.31
16.50	0.14	8,102	146.31	0.31
16.60	0.14	8,043	146.30	0.30
16.70	0.14	7,984	146.29	0.30
16.80	0.14	7,925	146.29	0.30
16.90	0.13	7,866	146.28	0.30
17.00	0.13	7,807	146.27	0.29
17.10	0.13	7,748	146.26	0.29
17.20	0.13	7,689	146.25	0.29
17.30	0.12	7,631	146.24	0.29
17.40	0.12	7,572	146.23	0.28
17.50	0.12	7,513	146.22	0.28
17.60	0.12	7,455	146.22	0.28
17.70	0.11	7,397	146.21	0.28
17.80	0.11	7,338	146.20	0.27
17.90	0.11	7,280	146.19	0.27
18.00	0.11	7,222	146.18	0.27
18.10	0.10	7,165	146.17	0.26
18.20	0.10	7,107	146.16	0.26
18.30	0.10	7,050	146.16	0.26
18.40	0.10	6,994	146.15	0.26
18.50	0.10	6,938	146.14	0.25
18.60	0.10	6,883	146.13	0.25
18.70	0.10	6,830	146.12	0.25
18.80	0.10	6,777	146.11	0.24
18.90	0.10	6,724	146.11	0.24
19.00	0.10	6,673	146.10	0.24
19.10	0.10	6,622	146.09	0.24
19.20	0.10	6,573	146.08	0.23
19.30	0.10	6,524	146.08	0.23
19.40	0.09	6,476	146.07	0.23
19.50	0.09	6,428	146.06	0.22
19.60	0.09	6,382	146.06	0.22
19.70	0.09	6,336	146.05	0.22
19.80	0.09	6,291	146.04	0.22
19.90	0.09	6,247	146.03	0.21
20.00	0.09	6,204	146.03	0.21
20.10	0.09	6,161	146.02	0.21
20.20	0.09	6,119	146.02	0.21
20.30	0.09	6,078	146.01	0.20
20.40	0.09	6,038	146.00	0.20
20.50	0.09	5,998	146.00	0.20
20.60	0.09	5,959	145.99	0.19
20.70	0.09	5,921	145.98	0.19

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	5,884	145.98	0.19
20.90	0.09	5,847	145.97	0.19
21.00	0.09	5,812	145.97	0.18
21.10	0.08	5,776	145.96	0.18
21.20	0.08	5,742	145.96	0.18
21.30	0.08	5,708	145.95	0.18
21.40	0.08	5,675	145.95	0.17
21.50	0.08	5,643	145.94	0.17
21.60	0.08	5,611	145.94	0.17
21.70	0.08	5,580	145.93	0.17
21.80	0.08	5,549	145.93	0.16
21.90	0.08	5,519	145.92	0.16
22.00	0.08	5,490	145.92	0.16
22.10	0.08	5,462	145.91	0.16
22.20	0.08	5,434	145.91	0.15
22.30	0.08	5,408	145.91	0.15
22.40	0.08	5,381	145.90	0.15
22.50	0.08	5,356	145.90	0.15
22.60	0.08	5,331	145.89	0.14
22.70	0.08	5,307	145.89	0.14
22.80	0.07	5,284	145.89	0.14
22.90	0.07	5,261	145.88	0.14
23.00	0.07	5,239	145.88	0.13
23.10	0.07	5,218	145.88	0.13
23.20	0.07	5,197	145.87	0.13
23.30	0.07	5,177	145.87	0.13
23.40	0.07	5,157	145.87	0.12
23.50	0.07	5,138	145.86	0.12
23.60	0.07	5,120	145.86	0.12
23.70	0.07	5,102	145.86	0.12
23.80	0.07	5,084	145.86	0.12
23.90	0.07	5,067	145.85	0.11
24.00	0.07	5,051	145.85	0.11
24.10	0.06	5,036	145.85	0.11
24.20	0.02	5,010	145.84	0.11
24.30	0.00	4,976	145.84	0.10
24.40	0.00	4,940	145.83	0.10
24.50	0.00	4,905	145.83	0.10
24.60	0.00	4,871	145.82	0.09
24.70	0.00	4,839	145.82	0.09
24.80	0.00	4,808	145.81	0.08
24.90	0.00	4,778	145.81	0.08
25.00	0.00	4,750	145.80	0.08
25.10	0.00	4,722	145.80	0.08
25.20	0.00	4,696	145.79	0.07
25.30	0.00	4,670	145.79	0.07
25.40	0.00	4,645	145.79	0.07
25.50	0.00	4,622	145.78	0.06
25.60	0.00	4,599	145.78	0.06
25.70	0.00	4,577	145.78	0.06
25.80	0.00	4,556	145.77	0.06
25.90	0.00	4,536	145.77	0.06

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,516	145.77	0.05
26.10	0.00	4,497	145.76	0.05
26.20	0.00	4,479	145.76	0.05
26.30	0.00	4,461	145.76	0.05
26.40	0.00	4,444	145.75	0.05
26.50	0.00	4,427	145.75	0.05
26.60	0.00	4,411	145.75	0.04
26.70	0.00	4,396	145.75	0.04
26.80	0.00	4,381	145.74	0.04
26.90	0.00	4,366	145.74	0.04
27.00	0.00	4,352	145.74	0.04
27.10	0.00	4,339	145.74	0.04
27.20	0.00	4,325	145.73	0.04
27.30	0.00	4,312	145.73	0.04
27.40	0.00	4,300	145.73	0.03
27.50	0.00	4,288	145.73	0.03
27.60	0.00	4,276	145.73	0.03
27.70	0.00	4,265	145.73	0.03
27.80	0.00	4,254	145.72	0.03
27.90	0.00	4,243	145.72	0.03
28.00	0.00	4,232	145.72	0.03
28.10	0.00	4,222	145.72	0.03
28.20	0.00	4,213	145.72	0.03
28.30	0.00	4,203	145.72	0.03
28.40	0.00	4,194	145.71	0.03
28.50	0.00	4,184	145.71	0.03
28.60	0.00	4,175	145.71	0.02
28.70	0.00	4,167	145.71	0.02
28.80	0.00	4,158	145.71	0.02
28.90	0.00	4,150	145.71	0.02
29.00	0.00	4,142	145.71	0.02
29.10	0.00	4,134	145.70	0.02
29.20	0.00	4,126	145.70	0.02
29.30	0.00	4,119	145.70	0.02
29.40	0.00	4,111	145.70	0.02
29.50	0.00	4,104	145.70	0.02
29.60	0.00	4,097	145.70	0.02
29.70	0.00	4,091	145.70	0.02
29.80	0.00	4,084	145.70	0.02
29.90	0.00	4,077	145.70	0.02
30.00	0.00	4,071	145.69	0.02
30.10	0.00	4,065	145.69	0.02
30.20	0.00	4,059	145.69	0.02
30.30	0.00	4,053	145.69	0.02
30.40	0.00	4,047	145.69	0.02
30.50	0.00	4,042	145.69	0.02
30.60	0.00	4,036	145.69	0.02
30.70	0.00	4,031	145.69	0.01
30.80	0.00	4,026	145.69	0.01
30.90	0.00	4,020	145.69	0.01
31.00	0.00	4,015	145.69	0.01
31.10	0.00	4,010	145.68	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,005	145.68	0.01
31.30	0.00	4,001	145.68	0.01
31.40	0.00	3,996	145.68	0.01
31.50	0.00	3,991	145.68	0.01
31.60	0.00	3,987	145.68	0.01
31.70	0.00	3,982	145.68	0.01
31.80	0.00	3,978	145.68	0.01
31.90	0.00	3,973	145.68	0.01
32.00	0.00	3,969	145.68	0.01
32.10	0.00	3,965	145.68	0.01
32.20	0.00	3,961	145.68	0.01
32.30	0.00	3,957	145.68	0.01
32.40	0.00	3,953	145.68	0.01
32.50	0.00	3,949	145.67	0.01
32.60	0.00	3,945	145.67	0.01
32.70	0.00	3,941	145.67	0.01
32.80	0.00	3,938	145.67	0.01
32.90	0.00	3,934	145.67	0.01
33.00	0.00	3,930	145.67	0.01
33.10	0.00	3,927	145.67	0.01
33.20	0.00	3,924	145.67	0.01
33.30	0.00	3,920	145.67	0.01
33.40	0.00	3,917	145.67	0.01
33.50	0.00	3,914	145.67	0.01
33.60	0.00	3,910	145.67	0.01
33.70	0.00	3,907	145.67	0.01
33.80	0.00	3,904	145.67	0.01
33.90	0.00	3,901	145.67	0.01
34.00	0.00	3,898	145.67	0.01
34.10	0.00	3,895	145.67	0.01
34.20	0.00	3,892	145.67	0.01
34.30	0.00	3,890	145.66	0.01
34.40	0.00	3,887	145.66	0.01
34.50	0.00	3,884	145.66	0.01
34.60	0.00	3,881	145.66	0.01
34.70	0.00	3,879	145.66	0.01
34.80	0.00	3,876	145.66	0.01
34.90	0.00	3,874	145.66	0.01
35.00	0.00	3,871	145.66	0.01
35.10	0.00	3,869	145.66	0.01
35.20	0.00	3,866	145.66	0.01
35.30	0.00	3,864	145.66	0.01
35.40	0.00	3,862	145.66	0.01
35.50	0.00	3,859	145.66	0.01
35.60	0.00	3,857	145.66	0.01
35.70	0.00	3,855	145.66	0.01
35.80	0.00	3,853	145.66	0.01
35.90	0.00	3,850	145.66	0.01
36.00	0.00	3,848	145.66	0.01
36.10	0.00	3,846	145.66	0.01
36.20	0.00	3,844	145.66	0.01
36.30	0.00	3,842	145.66	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,840	145.66	0.01
36.50	0.00	3,838	145.66	0.01
36.60	0.00	3,836	145.66	0.01
36.70	0.00	3,834	145.66	0.01
36.80	0.00	3,832	145.66	0.01
36.90	0.00	3,830	145.66	0.01
37.00	0.00	3,828	145.65	0.01
37.10	0.00	3,826	145.65	0.01
37.20	0.00	3,824	145.65	0.01
37.30	0.00	3,822	145.65	0.01
37.40	0.00	3,820	145.65	0.01
37.50	0.00	3,819	145.65	0.01
37.60	0.00	3,817	145.65	0.01
37.70	0.00	3,815	145.65	0.01
37.80	0.00	3,813	145.65	0.00
37.90	0.00	3,811	145.65	0.00
38.00	0.00	3,810	145.65	0.00
38.10	0.00	3,808	145.65	0.00
38.20	0.00	3,806	145.65	0.00
38.30	0.00	3,804	145.65	0.00
38.40	0.00	3,803	145.65	0.00
38.50	0.00	3,801	145.65	0.00
38.60	0.00	3,799	145.65	0.00
38.70	0.00	3,798	145.65	0.00
38.80	0.00	3,796	145.65	0.00
38.90	0.00	3,795	145.65	0.00
39.00	0.00	3,793	145.65	0.00
39.10	0.00	3,791	145.65	0.00
39.20	0.00	3,790	145.65	0.00
39.30	0.00	3,788	145.65	0.00
39.40	0.00	3,787	145.65	0.00
39.50	0.00	3,785	145.65	0.00
39.60	0.00	3,784	145.65	0.00
39.70	0.00	3,782	145.65	0.00
39.80	0.00	3,781	145.65	0.00
39.90	0.00	3,779	145.65	0.00
40.00	0.00	3,778	145.65	0.00

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 1.88" for Current 2 yr event
 Inflow = 4.55 cfs @ 12.18 hrs, Volume= 0.377 af
 Outflow = 0.43 cfs @ 13.33 hrs, Volume= 0.280 af, Atten= 91%, Lag= 69.2 min
 Primary = 0.43 cfs @ 13.33 hrs, Volume= 0.280 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.09' @ 13.33 hrs Surf.Area= 9,449 sf Storage= 9,695 cf

Plug-Flow detention time= 372.6 min calculated for 0.280 af (74% of inflow)
 Center-of-Mass det. time= 275.8 min (1,076.3 - 800.5)

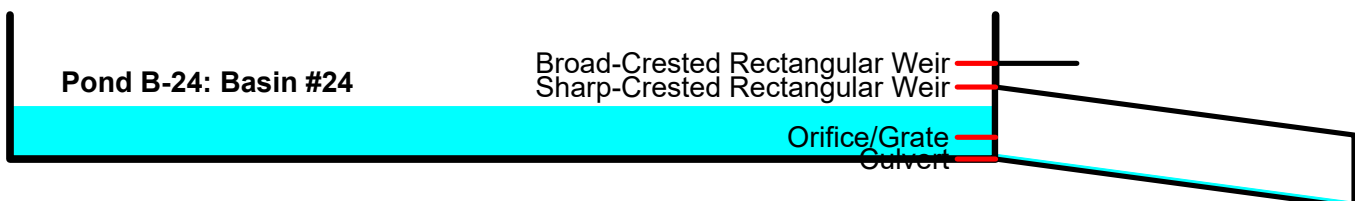
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

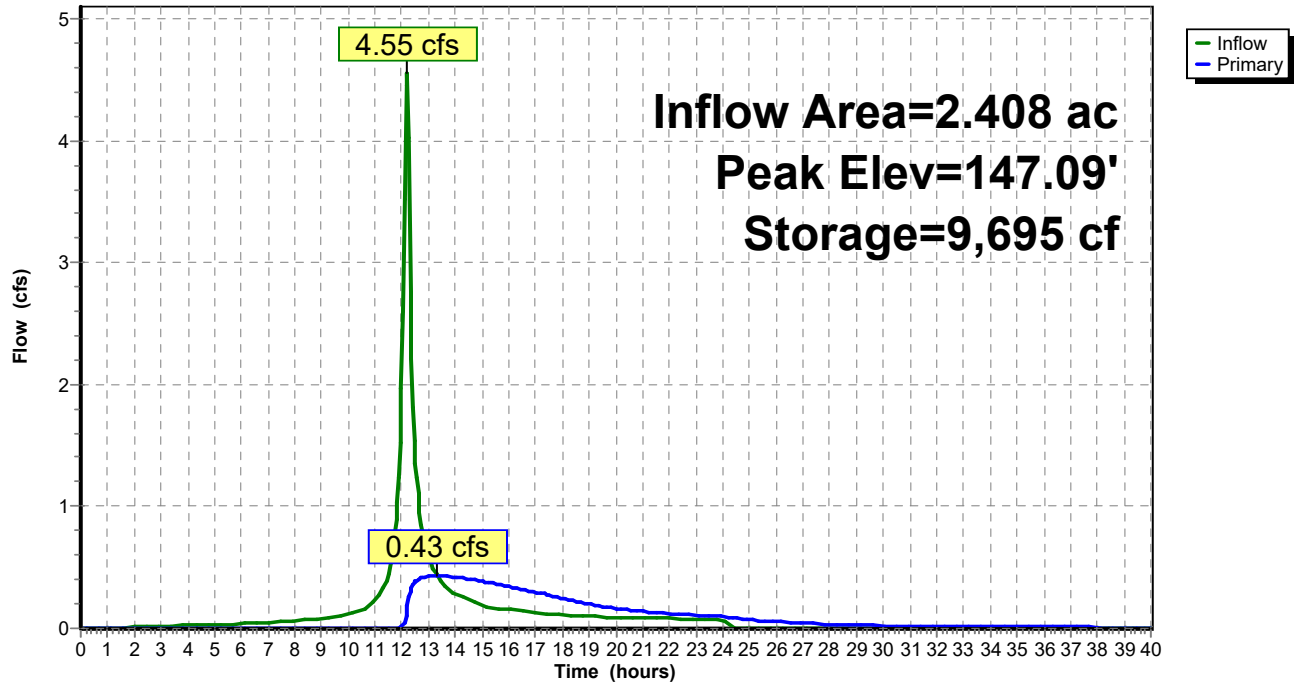
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.43 cfs @ 13.33 hrs HW=147.09' (Free Discharge)

1=Culvert (Passes 0.43 cfs of 4.90 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.43 cfs @ 3.17 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-24: Basin #24**Hydrograph**

Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	0	146.00	0.00
0.60	0.00	0	146.00	0.00
0.70	0.00	0	146.00	0.00
0.80	0.00	0	146.00	0.00
0.90	0.00	0	146.00	0.00
1.00	0.00	0	146.00	0.00
1.10	0.00	0	146.00	0.00
1.20	0.00	0	146.00	0.00
1.30	0.00	0	146.00	0.00
1.40	0.00	1	146.00	0.00
1.50	0.00	1	146.00	0.00
1.60	0.00	3	146.00	0.00
1.70	0.01	4	146.00	0.00
1.80	0.01	6	146.00	0.00
1.90	0.01	9	146.00	0.00
2.00	0.01	12	146.00	0.00
2.10	0.01	15	146.00	0.00
2.20	0.01	19	146.00	0.00
2.30	0.01	22	146.00	0.00
2.40	0.01	27	146.00	0.00
2.50	0.01	31	146.00	0.00
2.60	0.01	36	146.00	0.00
2.70	0.02	42	146.00	0.00
2.80	0.02	47	146.01	0.00
2.90	0.02	53	146.01	0.00
3.00	0.02	60	146.01	0.00
3.10	0.02	66	146.01	0.00
3.20	0.02	73	146.01	0.00
3.30	0.02	80	146.01	0.00
3.40	0.02	87	146.01	0.00
3.50	0.02	95	146.01	0.00
3.60	0.02	103	146.01	0.00
3.70	0.02	111	146.01	0.00
3.80	0.02	120	146.01	0.00
3.90	0.02	128	146.02	0.00
4.00	0.03	137	146.02	0.00
4.10	0.03	147	146.02	0.00
4.20	0.03	156	146.02	0.00
4.30	0.03	166	146.02	0.00
4.40	0.03	176	146.02	0.00
4.50	0.03	186	146.02	0.00
4.60	0.03	196	146.02	0.00
4.70	0.03	207	146.02	0.00
4.80	0.03	218	146.03	0.00
4.90	0.03	229	146.03	0.00
5.00	0.03	240	146.03	0.00
5.10	0.03	252	146.03	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	264	146.03	0.00
5.30	0.03	275	146.03	0.00
5.40	0.03	288	146.03	0.00
5.50	0.03	300	146.04	0.00
5.60	0.04	312	146.04	0.00
5.70	0.04	325	146.04	0.00
5.80	0.04	338	146.04	0.00
5.90	0.04	351	146.04	0.00
6.00	0.04	365	146.04	0.00
6.10	0.04	378	146.05	0.00
6.20	0.04	392	146.05	0.00
6.30	0.04	406	146.05	0.00
6.40	0.04	421	146.05	0.00
6.50	0.04	436	146.05	0.00
6.60	0.04	452	146.05	0.00
6.70	0.05	468	146.06	0.00
6.80	0.05	484	146.06	0.00
6.90	0.05	501	146.06	0.00
7.00	0.05	519	146.06	0.00
7.10	0.05	537	146.06	0.00
7.20	0.05	555	146.07	0.00
7.30	0.05	574	146.07	0.00
7.40	0.05	593	146.07	0.00
7.50	0.06	613	146.07	0.00
7.60	0.06	633	146.08	0.00
7.70	0.06	654	146.08	0.00
7.80	0.06	675	146.08	0.00
7.90	0.06	697	146.08	0.00
8.00	0.06	719	146.09	0.00
8.10	0.06	741	146.09	0.00
8.20	0.06	765	146.09	0.00
8.30	0.07	788	146.09	0.00
8.40	0.07	812	146.10	0.00
8.50	0.07	837	146.10	0.00
8.60	0.07	862	146.10	0.00
8.70	0.07	887	146.11	0.00
8.80	0.07	913	146.11	0.00
8.90	0.07	940	146.11	0.00
9.00	0.08	967	146.12	0.00
9.10	0.08	994	146.12	0.00
9.20	0.08	1,023	146.12	0.00
9.30	0.09	1,053	146.13	0.00
9.40	0.09	1,084	146.13	0.00
9.50	0.09	1,118	146.13	0.00
9.60	0.10	1,152	146.14	0.00
9.70	0.10	1,189	146.14	0.00
9.80	0.11	1,227	146.15	0.00
9.90	0.11	1,266	146.15	0.00
10.00	0.12	1,308	146.16	0.00
10.10	0.12	1,351	146.16	0.00
10.20	0.13	1,395	146.17	0.00
10.30	0.13	1,442	146.17	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,490	146.18	0.00
10.50	0.14	1,539	146.18	0.00
10.60	0.15	1,591	146.19	0.00
10.70	0.16	1,647	146.20	0.00
10.80	0.18	1,708	146.20	0.00
10.90	0.20	1,778	146.21	0.00
11.00	0.23	1,855	146.22	0.00
11.10	0.25	1,940	146.23	0.00
11.20	0.29	2,038	146.24	0.00
11.30	0.33	2,151	146.25	0.00
11.40	0.38	2,279	146.27	0.00
11.50	0.43	2,425	146.29	0.00
11.60	0.53	2,594	146.31	0.00
11.70	0.71	2,819	146.33	0.00
11.80	0.89	3,104	146.36	0.00
11.90	1.24	3,483	146.41	0.00
12.00	1.96	4,045	146.47	0.00
12.10	3.51	4,998	146.58	0.04
12.20	4.45	6,476	146.74	0.19
12.30	2.77	7,681	146.88	0.31
12.40	1.82	8,371	146.95	0.35
12.50	1.35	8,800	147.00	0.38
12.60	1.11	9,104	147.03	0.40
12.70	0.84	9,305	147.05	0.41
12.80	0.73	9,436	147.06	0.42
12.90	0.66	9,534	147.07	0.42
13.00	0.60	9,607	147.08	0.43
13.10	0.54	9,656	147.09	0.43
13.20	0.48	9,684	147.09	0.43
13.30	0.44	9,694	147.09	0.43
13.40	0.41	9,691	147.09	0.43
13.50	0.37	9,677	147.09	0.43
13.60	0.34	9,650	147.09	0.43
13.70	0.31	9,613	147.08	0.43
13.80	0.30	9,569	147.08	0.43
13.90	0.29	9,522	147.07	0.42
14.00	0.28	9,473	147.07	0.42
14.10	0.27	9,421	147.06	0.42
14.20	0.26	9,367	147.06	0.41
14.30	0.25	9,312	147.05	0.41
14.40	0.24	9,254	147.04	0.41
14.50	0.24	9,195	147.04	0.40
14.60	0.23	9,133	147.03	0.40
14.70	0.22	9,070	147.02	0.40
14.80	0.21	9,004	147.02	0.39
14.90	0.20	8,937	147.01	0.39
15.00	0.19	8,868	147.00	0.39
15.10	0.18	8,797	147.00	0.38
15.20	0.18	8,725	146.99	0.38
15.30	0.17	8,653	146.98	0.37
15.40	0.17	8,581	146.97	0.37
15.50	0.17	8,509	146.96	0.36

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	8,439	146.96	0.36
15.70	0.16	8,369	146.95	0.35
15.80	0.16	8,300	146.94	0.35
15.90	0.16	8,232	146.93	0.35
16.00	0.15	8,165	146.93	0.34
16.10	0.15	8,098	146.92	0.34
16.20	0.15	8,032	146.91	0.33
16.30	0.15	7,968	146.91	0.33
16.40	0.15	7,903	146.90	0.32
16.50	0.14	7,840	146.89	0.32
16.60	0.14	7,778	146.89	0.31
16.70	0.14	7,716	146.88	0.31
16.80	0.14	7,655	146.87	0.30
16.90	0.13	7,595	146.87	0.30
17.00	0.13	7,536	146.86	0.30
17.10	0.13	7,477	146.85	0.29
17.20	0.13	7,419	146.85	0.29
17.30	0.12	7,362	146.84	0.28
17.40	0.12	7,305	146.83	0.28
17.50	0.12	7,249	146.83	0.27
17.60	0.12	7,195	146.82	0.27
17.70	0.11	7,141	146.82	0.26
17.80	0.11	7,089	146.81	0.26
17.90	0.11	7,037	146.81	0.25
18.00	0.11	6,986	146.80	0.25
18.10	0.10	6,937	146.79	0.24
18.20	0.10	6,888	146.79	0.24
18.30	0.10	6,841	146.78	0.23
18.40	0.10	6,796	146.78	0.23
18.50	0.10	6,752	146.77	0.22
18.60	0.10	6,709	146.77	0.22
18.70	0.10	6,668	146.76	0.21
18.80	0.10	6,628	146.76	0.21
18.90	0.10	6,590	146.76	0.20
19.00	0.10	6,553	146.75	0.20
19.10	0.10	6,517	146.75	0.19
19.20	0.10	6,483	146.74	0.19
19.30	0.10	6,449	146.74	0.19
19.40	0.09	6,417	146.74	0.18
19.50	0.09	6,386	146.73	0.18
19.60	0.09	6,356	146.73	0.18
19.70	0.09	6,326	146.73	0.17
19.80	0.09	6,298	146.72	0.17
19.90	0.09	6,271	146.72	0.17
20.00	0.09	6,244	146.72	0.16
20.10	0.09	6,219	146.72	0.16
20.20	0.09	6,194	146.71	0.16
20.30	0.09	6,170	146.71	0.16
20.40	0.09	6,146	146.71	0.15
20.50	0.09	6,124	146.70	0.15
20.60	0.09	6,102	146.70	0.15
20.70	0.09	6,080	146.70	0.15

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	6,060	146.70	0.14
20.90	0.09	6,039	146.70	0.14
21.00	0.09	6,020	146.69	0.14
21.10	0.08	6,001	146.69	0.14
21.20	0.08	5,982	146.69	0.13
21.30	0.08	5,964	146.69	0.13
21.40	0.08	5,947	146.69	0.13
21.50	0.08	5,929	146.68	0.13
21.60	0.08	5,913	146.68	0.13
21.70	0.08	5,896	146.68	0.13
21.80	0.08	5,880	146.68	0.12
21.90	0.08	5,865	146.68	0.12
22.00	0.08	5,849	146.67	0.12
22.10	0.08	5,835	146.67	0.12
22.20	0.08	5,820	146.67	0.12
22.30	0.08	5,806	146.67	0.12
22.40	0.08	5,792	146.67	0.12
22.50	0.08	5,778	146.67	0.11
22.60	0.08	5,765	146.67	0.11
22.70	0.08	5,752	146.66	0.11
22.80	0.07	5,739	146.66	0.11
22.90	0.07	5,726	146.66	0.11
23.00	0.07	5,714	146.66	0.11
23.10	0.07	5,702	146.66	0.11
23.20	0.07	5,690	146.66	0.10
23.30	0.07	5,678	146.66	0.10
23.40	0.07	5,667	146.65	0.10
23.50	0.07	5,655	146.65	0.10
23.60	0.07	5,644	146.65	0.10
23.70	0.07	5,633	146.65	0.10
23.80	0.07	5,622	146.65	0.10
23.90	0.07	5,612	146.65	0.10
24.00	0.07	5,601	146.65	0.10
24.10	0.06	5,592	146.65	0.10
24.20	0.02	5,571	146.64	0.09
24.30	0.00	5,542	146.64	0.09
24.40	0.00	5,510	146.64	0.09
24.50	0.00	5,480	146.63	0.08
24.60	0.00	5,450	146.63	0.08
24.70	0.00	5,421	146.63	0.08
24.80	0.00	5,393	146.62	0.08
24.90	0.00	5,366	146.62	0.07
25.00	0.00	5,339	146.62	0.07
25.10	0.00	5,314	146.61	0.07
25.20	0.00	5,289	146.61	0.07
25.30	0.00	5,265	146.61	0.07
25.40	0.00	5,242	146.61	0.06
25.50	0.00	5,219	146.60	0.06
25.60	0.00	5,198	146.60	0.06
25.70	0.00	5,176	146.60	0.06
25.80	0.00	5,156	146.60	0.06
25.90	0.00	5,136	146.59	0.05

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,116	146.59	0.05
26.10	0.00	5,097	146.59	0.05
26.20	0.00	5,079	146.59	0.05
26.30	0.00	5,061	146.59	0.05
26.40	0.00	5,043	146.58	0.05
26.50	0.00	5,026	146.58	0.05
26.60	0.00	5,010	146.58	0.05
26.70	0.00	4,993	146.58	0.04
26.80	0.00	4,978	146.58	0.04
26.90	0.00	4,962	146.58	0.04
27.00	0.00	4,947	146.57	0.04
27.10	0.00	4,933	146.57	0.04
27.20	0.00	4,919	146.57	0.04
27.30	0.00	4,905	146.57	0.04
27.40	0.00	4,891	146.57	0.04
27.50	0.00	4,878	146.57	0.04
27.60	0.00	4,865	146.56	0.04
27.70	0.00	4,853	146.56	0.03
27.80	0.00	4,840	146.56	0.03
27.90	0.00	4,828	146.56	0.03
28.00	0.00	4,817	146.56	0.03
28.10	0.00	4,805	146.56	0.03
28.20	0.00	4,794	146.56	0.03
28.30	0.00	4,783	146.56	0.03
28.40	0.00	4,772	146.55	0.03
28.50	0.00	4,761	146.55	0.03
28.60	0.00	4,751	146.55	0.03
28.70	0.00	4,741	146.55	0.03
28.80	0.00	4,731	146.55	0.03
28.90	0.00	4,721	146.55	0.03
29.00	0.00	4,712	146.55	0.03
29.10	0.00	4,702	146.55	0.03
29.20	0.00	4,693	146.55	0.02
29.30	0.00	4,684	146.54	0.02
29.40	0.00	4,676	146.54	0.02
29.50	0.00	4,667	146.54	0.02
29.60	0.00	4,659	146.54	0.02
29.70	0.00	4,651	146.54	0.02
29.80	0.00	4,643	146.54	0.02
29.90	0.00	4,635	146.54	0.02
30.00	0.00	4,627	146.54	0.02
30.10	0.00	4,619	146.54	0.02
30.20	0.00	4,612	146.54	0.02
30.30	0.00	4,605	146.54	0.02
30.40	0.00	4,597	146.53	0.02
30.50	0.00	4,590	146.53	0.02
30.60	0.00	4,583	146.53	0.02
30.70	0.00	4,576	146.53	0.02
30.80	0.00	4,570	146.53	0.02
30.90	0.00	4,563	146.53	0.02
31.00	0.00	4,556	146.53	0.02
31.10	0.00	4,550	146.53	0.02

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,544	146.53	0.02
31.30	0.00	4,537	146.53	0.02
31.40	0.00	4,531	146.53	0.02
31.50	0.00	4,525	146.53	0.02
31.60	0.00	4,519	146.53	0.02
31.70	0.00	4,513	146.53	0.02
31.80	0.00	4,508	146.52	0.02
31.90	0.00	4,502	146.52	0.02
32.00	0.00	4,496	146.52	0.02
32.10	0.00	4,491	146.52	0.02
32.20	0.00	4,485	146.52	0.01
32.30	0.00	4,480	146.52	0.01
32.40	0.00	4,475	146.52	0.01
32.50	0.00	4,470	146.52	0.01
32.60	0.00	4,465	146.52	0.01
32.70	0.00	4,460	146.52	0.01
32.80	0.00	4,455	146.52	0.01
32.90	0.00	4,450	146.52	0.01
33.00	0.00	4,445	146.52	0.01
33.10	0.00	4,441	146.52	0.01
33.20	0.00	4,436	146.52	0.01
33.30	0.00	4,432	146.52	0.01
33.40	0.00	4,427	146.52	0.01
33.50	0.00	4,423	146.51	0.01
33.60	0.00	4,419	146.51	0.01
33.70	0.00	4,414	146.51	0.01
33.80	0.00	4,410	146.51	0.01
33.90	0.00	4,406	146.51	0.01
34.00	0.00	4,402	146.51	0.01
34.10	0.00	4,398	146.51	0.01
34.20	0.00	4,394	146.51	0.01
34.30	0.00	4,390	146.51	0.01
34.40	0.00	4,387	146.51	0.01
34.50	0.00	4,383	146.51	0.01
34.60	0.00	4,379	146.51	0.01
34.70	0.00	4,376	146.51	0.01
34.80	0.00	4,372	146.51	0.01
34.90	0.00	4,369	146.51	0.01
35.00	0.00	4,365	146.51	0.01
35.10	0.00	4,362	146.51	0.01
35.20	0.00	4,358	146.51	0.01
35.30	0.00	4,355	146.51	0.01
35.40	0.00	4,351	146.51	0.01
35.50	0.00	4,348	146.51	0.01
35.60	0.00	4,345	146.51	0.01
35.70	0.00	4,342	146.51	0.01
35.80	0.00	4,338	146.51	0.01
35.90	0.00	4,335	146.50	0.01
36.00	0.00	4,332	146.50	0.01
36.10	0.00	4,329	146.50	0.01
36.20	0.00	4,326	146.50	0.01
36.30	0.00	4,323	146.50	0.01

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,320	146.50	0.01
36.50	0.00	4,317	146.50	0.01
36.60	0.00	4,314	146.50	0.01
36.70	0.00	4,311	146.50	0.01
36.80	0.00	4,308	146.50	0.01
36.90	0.00	4,305	146.50	0.01
37.00	0.00	4,302	146.50	0.01
37.10	0.00	4,299	146.50	0.01
37.20	0.00	4,297	146.50	0.01
37.30	0.00	4,294	146.50	0.01
37.40	0.00	4,291	146.50	0.01
37.50	0.00	4,288	146.50	0.01
37.60	0.00	4,286	146.50	0.01
37.70	0.00	4,283	146.50	0.01
37.80	0.00	4,280	146.50	0.01
37.90	0.00	4,278	146.50	0.01
38.00	0.00	4,275	146.50	0.01
38.10	0.00	4,273	146.50	0.01
38.20	0.00	4,270	146.50	0.01
38.30	0.00	4,268	146.50	0.01
38.40	0.00	4,265	146.50	0.01
38.50	0.00	4,263	146.50	0.01
38.60	0.00	4,260	146.50	0.01
38.70	0.00	4,258	146.50	0.01
38.80	0.00	4,256	146.50	0.01
38.90	0.00	4,253	146.50	0.01
39.00	0.00	4,251	146.50	0.01
39.10	0.00	4,249	146.50	0.01
39.20	0.00	4,246	146.49	0.01
39.30	0.00	4,244	146.49	0.01
39.40	0.00	4,242	146.49	0.01
39.50	0.00	4,240	146.49	0.01
39.60	0.00	4,237	146.49	0.01
39.70	0.00	4,235	146.49	0.01
39.80	0.00	4,233	146.49	0.01
39.90	0.00	4,231	146.49	0.01
40.00	0.00	4,229	146.49	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 1.83" for Current 2 yr event
 Inflow = 4.62 cfs @ 12.18 hrs, Volume= 0.381 af
 Outflow = 0.48 cfs @ 13.24 hrs, Volume= 0.291 af, Atten= 90%, Lag= 63.9 min
 Primary = 0.48 cfs @ 13.24 hrs, Volume= 0.291 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 145.74' @ 13.24 hrs Surf.Area= 6,252 sf Storage= 9,499 cf

Plug-Flow detention time= 326.0 min calculated for 0.291 af (76% of inflow)
 Center-of-Mass det. time= 234.7 min (1,037.9 - 803.2)

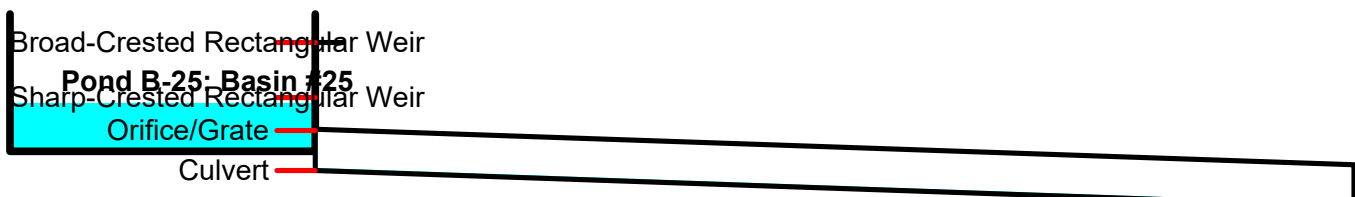
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

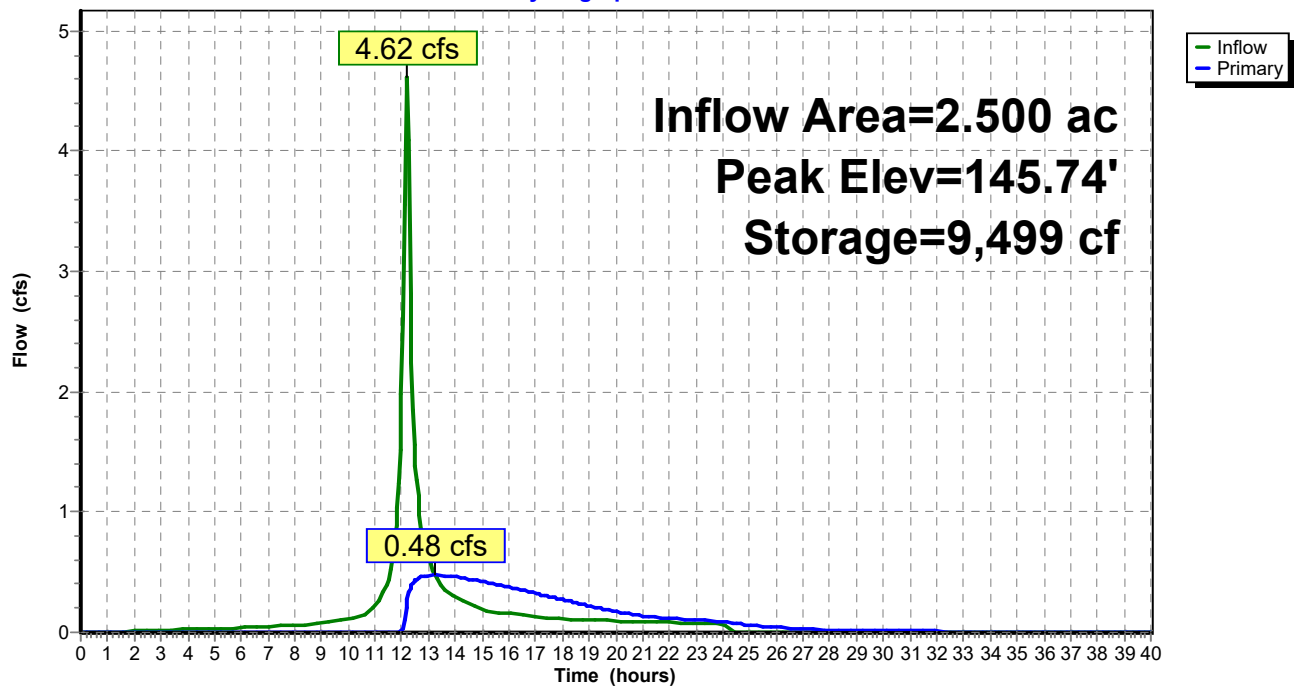
Primary OutFlow Max=0.48 cfs @ 13.24 hrs HW=145.74' (Free Discharge)

1=Culvert (Passes 0.48 cfs of 9.58 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.48 cfs @ 4.30 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	0	144.00	0.00
1.10	0.00	0	144.00	0.00
1.20	0.00	0	144.00	0.00
1.30	0.00	0	144.00	0.00
1.40	0.00	1	144.00	0.00
1.50	0.00	1	144.00	0.00
1.60	0.00	3	144.00	0.00
1.70	0.01	4	144.00	0.00
1.80	0.01	6	144.00	0.00
1.90	0.01	9	144.00	0.00
2.00	0.01	11	144.00	0.00
2.10	0.01	14	144.00	0.00
2.20	0.01	18	144.00	0.00
2.30	0.01	22	144.00	0.00
2.40	0.01	26	144.01	0.00
2.50	0.01	30	144.01	0.00
2.60	0.01	35	144.01	0.00
2.70	0.01	40	144.01	0.00
2.80	0.02	46	144.01	0.00
2.90	0.02	52	144.01	0.00
3.00	0.02	58	144.01	0.00
3.10	0.02	64	144.01	0.00
3.20	0.02	71	144.01	0.00
3.30	0.02	78	144.02	0.00
3.40	0.02	85	144.02	0.00
3.50	0.02	92	144.02	0.00
3.60	0.02	100	144.02	0.00
3.70	0.02	108	144.02	0.00
3.80	0.02	116	144.02	0.00
3.90	0.02	124	144.03	0.00
4.00	0.02	133	144.03	0.00
4.10	0.03	142	144.03	0.00
4.20	0.03	151	144.03	0.00
4.30	0.03	161	144.03	0.00
4.40	0.03	170	144.04	0.00
4.50	0.03	180	144.04	0.00
4.60	0.03	190	144.04	0.00
4.70	0.03	201	144.04	0.00
4.80	0.03	211	144.04	0.00
4.90	0.03	222	144.05	0.00
5.00	0.03	233	144.05	0.00
5.10	0.03	244	144.05	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	255	144.05	0.00
5.30	0.03	267	144.06	0.00
5.40	0.03	279	144.06	0.00
5.50	0.03	291	144.06	0.00
5.60	0.03	303	144.06	0.00
5.70	0.03	315	144.07	0.00
5.80	0.04	328	144.07	0.00
5.90	0.04	340	144.07	0.00
6.00	0.04	353	144.07	0.00
6.10	0.04	366	144.08	0.00
6.20	0.04	380	144.08	0.00
6.30	0.04	394	144.08	0.00
6.40	0.04	408	144.09	0.00
6.50	0.04	423	144.09	0.00
6.60	0.04	438	144.09	0.00
6.70	0.04	453	144.10	0.00
6.80	0.05	469	144.10	0.00
6.90	0.05	486	144.10	0.00
7.00	0.05	503	144.11	0.00
7.10	0.05	520	144.11	0.00
7.20	0.05	538	144.11	0.00
7.30	0.05	556	144.12	0.00
7.40	0.05	575	144.12	0.00
7.50	0.05	594	144.12	0.00
7.60	0.06	613	144.13	0.00
7.70	0.06	633	144.13	0.00
7.80	0.06	654	144.14	0.00
7.90	0.06	675	144.14	0.00
8.00	0.06	696	144.15	0.00
8.10	0.06	718	144.15	0.00
8.20	0.06	741	144.16	0.00
8.30	0.06	764	144.16	0.00
8.40	0.07	787	144.16	0.00
8.50	0.07	811	144.17	0.00
8.60	0.07	835	144.17	0.00
8.70	0.07	860	144.18	0.00
8.80	0.07	885	144.18	0.00
8.90	0.07	911	144.19	0.00
9.00	0.07	937	144.20	0.00
9.10	0.08	963	144.20	0.00
9.20	0.08	991	144.21	0.00
9.30	0.08	1,020	144.21	0.00
9.40	0.09	1,051	144.22	0.00
9.50	0.09	1,083	144.23	0.00
9.60	0.10	1,117	144.23	0.00
9.70	0.10	1,152	144.24	0.00
9.80	0.10	1,189	144.25	0.00
9.90	0.11	1,227	144.25	0.00
10.00	0.11	1,267	144.26	0.00
10.10	0.12	1,309	144.27	0.00
10.20	0.12	1,352	144.28	0.00
10.30	0.13	1,397	144.29	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,443	144.30	0.00
10.50	0.14	1,491	144.31	0.00
10.60	0.14	1,541	144.32	0.00
10.70	0.16	1,595	144.33	0.00
10.80	0.18	1,655	144.34	0.00
10.90	0.20	1,723	144.35	0.00
11.00	0.22	1,798	144.37	0.00
11.10	0.25	1,882	144.39	0.00
11.20	0.29	1,977	144.41	0.00
11.30	0.33	2,088	144.43	0.00
11.40	0.37	2,214	144.45	0.00
11.50	0.42	2,358	144.48	0.00
11.60	0.52	2,525	144.51	0.00
11.70	0.71	2,748	144.56	0.00
11.80	0.89	3,032	144.61	0.00
11.90	1.24	3,410	144.68	0.00
12.00	1.97	3,973	144.79	0.00
12.10	3.55	4,925	144.96	0.10
12.20	4.51	6,390	145.22	0.28
12.30	2.81	7,589	145.42	0.37
12.40	1.85	8,271	145.54	0.41
12.50	1.38	8,691	145.61	0.43
12.60	1.13	8,985	145.65	0.45
12.70	0.86	9,176	145.68	0.46
12.80	0.74	9,296	145.70	0.47
12.90	0.67	9,383	145.72	0.47
13.00	0.61	9,444	145.73	0.47
13.10	0.55	9,482	145.73	0.47
13.20	0.49	9,498	145.74	0.48
13.30	0.45	9,496	145.74	0.48
13.40	0.42	9,482	145.73	0.47
13.50	0.38	9,455	145.73	0.47
13.60	0.35	9,416	145.72	0.47
13.70	0.32	9,367	145.71	0.47
13.80	0.31	9,311	145.71	0.47
13.90	0.30	9,252	145.70	0.46
14.00	0.29	9,190	145.69	0.46
14.10	0.28	9,127	145.68	0.46
14.20	0.27	9,061	145.67	0.45
14.30	0.26	8,993	145.65	0.45
14.40	0.25	8,924	145.64	0.45
14.50	0.24	8,852	145.63	0.44
14.60	0.23	8,779	145.62	0.44
14.70	0.22	8,704	145.61	0.44
14.80	0.21	8,627	145.60	0.43
14.90	0.21	8,548	145.58	0.43
15.00	0.20	8,467	145.57	0.42
15.10	0.19	8,385	145.56	0.42
15.20	0.18	8,301	145.54	0.41
15.30	0.18	8,217	145.53	0.41
15.40	0.17	8,134	145.51	0.40
15.50	0.17	8,051	145.50	0.40

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	7,969	145.49	0.39
15.70	0.17	7,888	145.47	0.39
15.80	0.16	7,808	145.46	0.38
15.90	0.16	7,729	145.45	0.38
16.00	0.16	7,651	145.43	0.37
16.10	0.16	7,574	145.42	0.37
16.20	0.15	7,497	145.41	0.36
16.30	0.15	7,422	145.40	0.36
16.40	0.15	7,347	145.38	0.35
16.50	0.15	7,274	145.37	0.35
16.60	0.14	7,201	145.36	0.34
16.70	0.14	7,129	145.35	0.34
16.80	0.14	7,058	145.33	0.33
16.90	0.14	6,989	145.32	0.33
17.00	0.13	6,920	145.31	0.32
17.10	0.13	6,852	145.30	0.32
17.20	0.13	6,785	145.29	0.31
17.30	0.13	6,719	145.28	0.31
17.40	0.12	6,653	145.26	0.30
17.50	0.12	6,589	145.25	0.30
17.60	0.12	6,526	145.24	0.29
17.70	0.12	6,464	145.23	0.29
17.80	0.11	6,403	145.22	0.28
17.90	0.11	6,342	145.21	0.28
18.00	0.11	6,283	145.20	0.27
18.10	0.11	6,225	145.19	0.27
18.20	0.10	6,168	145.18	0.26
18.30	0.10	6,112	145.17	0.26
18.40	0.10	6,058	145.16	0.25
18.50	0.10	6,005	145.15	0.25
18.60	0.10	5,954	145.14	0.24
18.70	0.10	5,905	145.13	0.24
18.80	0.10	5,857	145.13	0.23
18.90	0.10	5,811	145.12	0.23
19.00	0.10	5,766	145.11	0.22
19.10	0.10	5,723	145.10	0.22
19.20	0.10	5,681	145.10	0.21
19.30	0.10	5,640	145.09	0.21
19.40	0.10	5,602	145.08	0.20
19.50	0.10	5,565	145.08	0.20
19.60	0.10	5,530	145.07	0.19
19.70	0.10	5,496	145.06	0.19
19.80	0.09	5,464	145.06	0.18
19.90	0.09	5,434	145.05	0.18
20.00	0.09	5,404	145.05	0.17
20.10	0.09	5,376	145.04	0.17
20.20	0.09	5,349	145.04	0.17
20.30	0.09	5,324	145.03	0.16
20.40	0.09	5,299	145.03	0.16
20.50	0.09	5,276	145.02	0.15
20.60	0.09	5,254	145.02	0.15
20.70	0.09	5,232	145.02	0.15

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	5,212	145.01	0.14
20.90	0.09	5,193	145.01	0.14
21.00	0.09	5,174	145.01	0.14
21.10	0.09	5,156	145.00	0.14
21.20	0.09	5,139	145.00	0.13
21.30	0.09	5,123	145.00	0.13
21.40	0.09	5,107	144.99	0.13
21.50	0.08	5,092	144.99	0.13
21.60	0.08	5,078	144.99	0.12
21.70	0.08	5,064	144.99	0.12
21.80	0.08	5,050	144.98	0.12
21.90	0.08	5,038	144.98	0.12
22.00	0.08	5,025	144.98	0.12
22.10	0.08	5,013	144.98	0.11
22.20	0.08	5,001	144.97	0.11
22.30	0.08	4,990	144.97	0.11
22.40	0.08	4,979	144.97	0.11
22.50	0.08	4,969	144.97	0.11
22.60	0.08	4,959	144.97	0.11
22.70	0.08	4,949	144.97	0.10
22.80	0.08	4,939	144.96	0.10
22.90	0.08	4,930	144.96	0.10
23.00	0.08	4,921	144.96	0.10
23.10	0.07	4,912	144.96	0.10
23.20	0.07	4,904	144.96	0.10
23.30	0.07	4,895	144.96	0.10
23.40	0.07	4,887	144.95	0.09
23.50	0.07	4,880	144.95	0.09
23.60	0.07	4,872	144.95	0.09
23.70	0.07	4,864	144.95	0.09
23.80	0.07	4,857	144.95	0.09
23.90	0.07	4,850	144.95	0.09
24.00	0.07	4,843	144.95	0.09
24.10	0.06	4,837	144.94	0.09
24.20	0.02	4,820	144.94	0.09
24.30	0.00	4,793	144.94	0.08
24.40	0.00	4,765	144.93	0.08
24.50	0.00	4,738	144.93	0.07
24.60	0.00	4,712	144.92	0.07
24.70	0.00	4,687	144.92	0.07
24.80	0.00	4,663	144.91	0.06
24.90	0.00	4,641	144.91	0.06
25.00	0.00	4,619	144.91	0.06
25.10	0.00	4,599	144.90	0.06
25.20	0.00	4,579	144.90	0.05
25.30	0.00	4,560	144.89	0.05
25.40	0.00	4,542	144.89	0.05
25.50	0.00	4,525	144.89	0.05
25.60	0.00	4,508	144.89	0.05
25.70	0.00	4,492	144.88	0.04
25.80	0.00	4,476	144.88	0.04
25.90	0.00	4,461	144.88	0.04

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,447	144.87	0.04
26.10	0.00	4,433	144.87	0.04
26.20	0.00	4,419	144.87	0.04
26.30	0.00	4,406	144.87	0.04
26.40	0.00	4,394	144.86	0.03
26.50	0.00	4,382	144.86	0.03
26.60	0.00	4,371	144.86	0.03
26.70	0.00	4,360	144.86	0.03
26.80	0.00	4,349	144.86	0.03
26.90	0.00	4,339	144.85	0.03
27.00	0.00	4,329	144.85	0.03
27.10	0.00	4,319	144.85	0.03
27.20	0.00	4,310	144.85	0.03
27.30	0.00	4,301	144.85	0.02
27.40	0.00	4,292	144.85	0.02
27.50	0.00	4,284	144.84	0.02
27.60	0.00	4,276	144.84	0.02
27.70	0.00	4,268	144.84	0.02
27.80	0.00	4,260	144.84	0.02
27.90	0.00	4,252	144.84	0.02
28.00	0.00	4,245	144.84	0.02
28.10	0.00	4,237	144.84	0.02
28.20	0.00	4,230	144.83	0.02
28.30	0.00	4,223	144.83	0.02
28.40	0.00	4,216	144.83	0.02
28.50	0.00	4,210	144.83	0.02
28.60	0.00	4,203	144.83	0.02
28.70	0.00	4,197	144.83	0.02
28.80	0.00	4,191	144.83	0.02
28.90	0.00	4,185	144.83	0.02
29.00	0.00	4,179	144.82	0.02
29.10	0.00	4,173	144.82	0.02
29.20	0.00	4,168	144.82	0.02
29.30	0.00	4,162	144.82	0.01
29.40	0.00	4,157	144.82	0.01
29.50	0.00	4,152	144.82	0.01
29.60	0.00	4,147	144.82	0.01
29.70	0.00	4,142	144.82	0.01
29.80	0.00	4,137	144.82	0.01
29.90	0.00	4,133	144.82	0.01
30.00	0.00	4,128	144.82	0.01
30.10	0.00	4,124	144.81	0.01
30.20	0.00	4,119	144.81	0.01
30.30	0.00	4,115	144.81	0.01
30.40	0.00	4,111	144.81	0.01
30.50	0.00	4,107	144.81	0.01
30.60	0.00	4,103	144.81	0.01
30.70	0.00	4,099	144.81	0.01
30.80	0.00	4,095	144.81	0.01
30.90	0.00	4,092	144.81	0.01
31.00	0.00	4,088	144.81	0.01
31.10	0.00	4,085	144.81	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,081	144.81	0.01
31.30	0.00	4,078	144.81	0.01
31.40	0.00	4,075	144.81	0.01
31.50	0.00	4,072	144.81	0.01
31.60	0.00	4,069	144.80	0.01
31.70	0.00	4,066	144.80	0.01
31.80	0.00	4,063	144.80	0.01
31.90	0.00	4,060	144.80	0.01
32.00	0.00	4,057	144.80	0.01
32.10	0.00	4,054	144.80	0.01
32.20	0.00	4,052	144.80	0.01
32.30	0.00	4,049	144.80	0.01
32.40	0.00	4,047	144.80	0.01
32.50	0.00	4,044	144.80	0.01
32.60	0.00	4,042	144.80	0.01
32.70	0.00	4,040	144.80	0.01
32.80	0.00	4,037	144.80	0.01
32.90	0.00	4,035	144.80	0.01
33.00	0.00	4,033	144.80	0.01
33.10	0.00	4,030	144.80	0.01
33.20	0.00	4,028	144.80	0.01
33.30	0.00	4,026	144.80	0.01
33.40	0.00	4,024	144.80	0.01
33.50	0.00	4,021	144.80	0.01
33.60	0.00	4,019	144.80	0.01
33.70	0.00	4,017	144.80	0.01
33.80	0.00	4,015	144.79	0.01
33.90	0.00	4,013	144.79	0.01
34.00	0.00	4,011	144.79	0.01
34.10	0.00	4,008	144.79	0.01
34.20	0.00	4,006	144.79	0.01
34.30	0.00	4,004	144.79	0.01
34.40	0.00	4,002	144.79	0.01
34.50	0.00	4,000	144.79	0.01
34.60	0.00	3,998	144.79	0.01
34.70	0.00	3,996	144.79	0.01
34.80	0.00	3,994	144.79	0.01
34.90	0.00	3,992	144.79	0.01
35.00	0.00	3,990	144.79	0.01
35.10	0.00	3,989	144.79	0.01
35.20	0.00	3,987	144.79	0.01
35.30	0.00	3,985	144.79	0.01
35.40	0.00	3,983	144.79	0.01
35.50	0.00	3,981	144.79	0.01
35.60	0.00	3,979	144.79	0.01
35.70	0.00	3,977	144.79	0.01
35.80	0.00	3,976	144.79	0.00
35.90	0.00	3,974	144.79	0.00
36.00	0.00	3,972	144.79	0.00
36.10	0.00	3,970	144.79	0.00
36.20	0.00	3,969	144.79	0.00
36.30	0.00	3,967	144.79	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,965	144.79	0.00
36.50	0.00	3,963	144.79	0.00
36.60	0.00	3,962	144.78	0.00
36.70	0.00	3,960	144.78	0.00
36.80	0.00	3,958	144.78	0.00
36.90	0.00	3,957	144.78	0.00
37.00	0.00	3,955	144.78	0.00
37.10	0.00	3,954	144.78	0.00
37.20	0.00	3,952	144.78	0.00
37.30	0.00	3,950	144.78	0.00
37.40	0.00	3,949	144.78	0.00
37.50	0.00	3,947	144.78	0.00
37.60	0.00	3,946	144.78	0.00
37.70	0.00	3,944	144.78	0.00
37.80	0.00	3,943	144.78	0.00
37.90	0.00	3,941	144.78	0.00
38.00	0.00	3,940	144.78	0.00
38.10	0.00	3,938	144.78	0.00
38.20	0.00	3,937	144.78	0.00
38.30	0.00	3,935	144.78	0.00
38.40	0.00	3,934	144.78	0.00
38.50	0.00	3,933	144.78	0.00
38.60	0.00	3,931	144.78	0.00
38.70	0.00	3,930	144.78	0.00
38.80	0.00	3,928	144.78	0.00
38.90	0.00	3,927	144.78	0.00
39.00	0.00	3,926	144.78	0.00
39.10	0.00	3,924	144.78	0.00
39.20	0.00	3,923	144.78	0.00
39.30	0.00	3,922	144.78	0.00
39.40	0.00	3,920	144.78	0.00
39.50	0.00	3,919	144.78	0.00
39.60	0.00	3,918	144.78	0.00
39.70	0.00	3,917	144.78	0.00
39.80	0.00	3,915	144.78	0.00
39.90	0.00	3,914	144.78	0.00
40.00	0.00	3,913	144.78	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 1.93" for Current 2 yr event
 Inflow = 4.59 cfs @ 12.17 hrs, Volume= 0.380 af
 Outflow = 0.17 cfs @ 15.21 hrs, Volume= 0.273 af, Atten= 96%, Lag= 182.0 min
 Primary = 0.17 cfs @ 15.21 hrs, Volume= 0.273 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 145.93' @ 15.21 hrs Surf.Area= 6,449 sf Storage= 11,476 cf

Plug-Flow detention time= 678.9 min calculated for 0.273 af (72% of inflow)
 Center-of-Mass det. time= 579.5 min (1,377.5 - 798.0)

Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

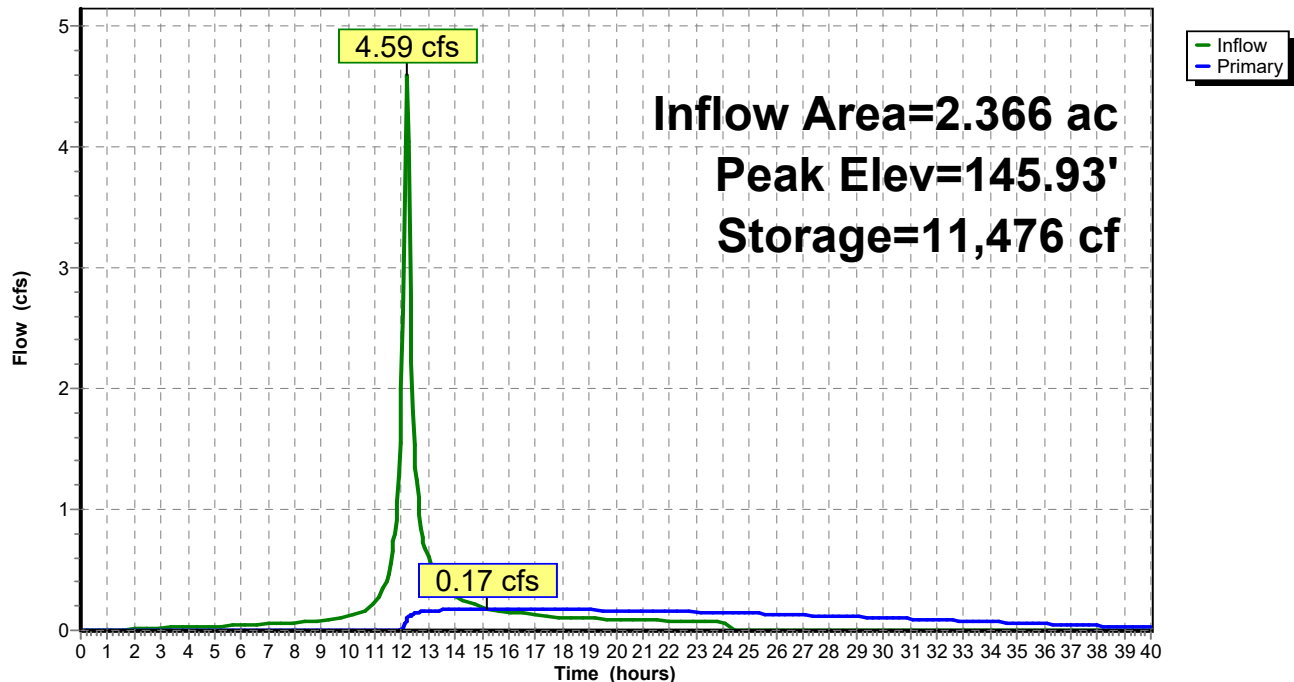
Primary OutFlow Max=0.17 cfs @ 15.21 hrs HW=145.93' (Free Discharge)

1=Culvert (Passes 0.17 cfs of 9.19 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.10 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	0	144.00	0.00
1.10	0.00	0	144.00	0.00
1.20	0.00	0	144.00	0.00
1.30	0.00	0	144.00	0.00
1.40	0.00	1	144.00	0.00
1.50	0.00	1	144.00	0.00
1.60	0.00	3	144.00	0.00
1.70	0.01	4	144.00	0.00
1.80	0.01	7	144.00	0.00
1.90	0.01	9	144.00	0.00
2.00	0.01	12	144.00	0.00
2.10	0.01	16	144.00	0.00
2.20	0.01	19	144.00	0.00
2.30	0.01	23	144.00	0.00
2.40	0.01	28	144.01	0.00
2.50	0.01	33	144.01	0.00
2.60	0.01	38	144.01	0.00
2.70	0.02	44	144.01	0.00
2.80	0.02	50	144.01	0.00
2.90	0.02	56	144.01	0.00
3.00	0.02	62	144.01	0.00
3.10	0.02	69	144.01	0.00
3.20	0.02	76	144.01	0.00
3.30	0.02	84	144.02	0.00
3.40	0.02	91	144.02	0.00
3.50	0.02	99	144.02	0.00
3.60	0.02	108	144.02	0.00
3.70	0.02	116	144.02	0.00
3.80	0.03	125	144.02	0.00
3.90	0.03	134	144.02	0.00
4.00	0.03	144	144.03	0.00
4.10	0.03	153	144.03	0.00
4.20	0.03	163	144.03	0.00
4.30	0.03	174	144.03	0.00
4.40	0.03	184	144.03	0.00
4.50	0.03	195	144.04	0.00
4.60	0.03	206	144.04	0.00
4.70	0.03	217	144.04	0.00
4.80	0.03	228	144.04	0.00
4.90	0.03	240	144.04	0.00
5.00	0.03	252	144.05	0.00
5.10	0.03	264	144.05	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	276	144.05	0.00
5.30	0.03	288	144.05	0.00
5.40	0.04	301	144.05	0.00
5.50	0.04	314	144.06	0.00
5.60	0.04	327	144.06	0.00
5.70	0.04	340	144.06	0.00
5.80	0.04	354	144.06	0.00
5.90	0.04	368	144.07	0.00
6.00	0.04	382	144.07	0.00
6.10	0.04	396	144.07	0.00
6.20	0.04	410	144.07	0.00
6.30	0.04	425	144.08	0.00
6.40	0.04	441	144.08	0.00
6.50	0.04	456	144.08	0.00
6.60	0.05	473	144.09	0.00
6.70	0.05	490	144.09	0.00
6.80	0.05	507	144.09	0.00
6.90	0.05	525	144.10	0.00
7.00	0.05	543	144.10	0.00
7.10	0.05	562	144.10	0.00
7.20	0.05	581	144.11	0.00
7.30	0.06	600	144.11	0.00
7.40	0.06	621	144.11	0.00
7.50	0.06	641	144.12	0.00
7.60	0.06	663	144.12	0.00
7.70	0.06	684	144.12	0.00
7.80	0.06	706	144.13	0.00
7.90	0.06	729	144.13	0.00
8.00	0.07	752	144.14	0.00
8.10	0.07	776	144.14	0.00
8.20	0.07	800	144.15	0.00
8.30	0.07	825	144.15	0.00
8.40	0.07	850	144.15	0.00
8.50	0.07	876	144.16	0.00
8.60	0.07	902	144.16	0.00
8.70	0.07	929	144.17	0.00
8.80	0.08	956	144.17	0.00
8.90	0.08	983	144.18	0.00
9.00	0.08	1,012	144.18	0.00
9.10	0.08	1,040	144.19	0.00
9.20	0.09	1,070	144.19	0.00
9.30	0.09	1,102	144.20	0.00
9.40	0.09	1,135	144.21	0.00
9.50	0.10	1,170	144.21	0.00
9.60	0.10	1,206	144.22	0.00
9.70	0.11	1,244	144.23	0.00
9.80	0.11	1,284	144.23	0.00
9.90	0.12	1,325	144.24	0.00
10.00	0.12	1,369	144.25	0.00
10.10	0.13	1,414	144.26	0.00
10.20	0.13	1,460	144.26	0.00
10.30	0.14	1,509	144.27	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,559	144.28	0.00
10.50	0.15	1,611	144.29	0.00
10.60	0.15	1,665	144.30	0.00
10.70	0.17	1,723	144.31	0.00
10.80	0.19	1,788	144.32	0.00
10.90	0.21	1,860	144.34	0.00
11.00	0.23	1,940	144.35	0.00
11.10	0.26	2,030	144.37	0.00
11.20	0.30	2,131	144.38	0.00
11.30	0.35	2,247	144.40	0.00
11.40	0.39	2,380	144.43	0.00
11.50	0.44	2,530	144.45	0.00
11.60	0.54	2,704	144.48	0.00
11.70	0.73	2,934	144.52	0.00
11.80	0.91	3,227	144.58	0.00
11.90	1.26	3,613	144.64	0.00
12.00	1.99	4,183	144.74	0.00
12.10	3.55	5,145	144.90	0.05
12.20	4.47	6,645	145.15	0.10
12.30	2.77	7,907	145.36	0.12
12.40	1.82	8,671	145.48	0.14
12.50	1.35	9,181	145.57	0.14
12.60	1.11	9,573	145.63	0.15
12.70	0.84	9,865	145.68	0.15
12.80	0.73	10,089	145.71	0.16
12.90	0.66	10,281	145.74	0.16
13.00	0.59	10,449	145.77	0.16
13.10	0.53	10,594	145.79	0.16
13.20	0.48	10,716	145.81	0.16
13.30	0.44	10,822	145.83	0.17
13.40	0.41	10,914	145.84	0.17
13.50	0.37	10,994	145.85	0.17
13.60	0.34	11,061	145.86	0.17
13.70	0.31	11,117	145.87	0.17
13.80	0.30	11,165	145.88	0.17
13.90	0.29	11,208	145.89	0.17
14.00	0.28	11,248	145.89	0.17
14.10	0.27	11,285	145.90	0.17
14.20	0.26	11,319	145.90	0.17
14.30	0.25	11,349	145.91	0.17
14.40	0.24	11,376	145.91	0.17
14.50	0.23	11,400	145.92	0.17
14.60	0.23	11,421	145.92	0.17
14.70	0.22	11,438	145.92	0.17
14.80	0.21	11,452	145.92	0.17
14.90	0.20	11,463	145.93	0.17
15.00	0.19	11,471	145.93	0.17
15.10	0.18	11,475	145.93	0.17
15.20	0.17	11,476	145.93	0.17
15.30	0.17	11,476	145.93	0.17
15.40	0.17	11,474	145.93	0.17
15.50	0.17	11,471	145.93	0.17

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	11,468	145.93	0.17
15.70	0.16	11,463	145.93	0.17
15.80	0.16	11,458	145.93	0.17
15.90	0.16	11,452	145.92	0.17
16.00	0.15	11,446	145.92	0.17
16.10	0.15	11,438	145.92	0.17
16.20	0.15	11,430	145.92	0.17
16.30	0.15	11,421	145.92	0.17
16.40	0.14	11,411	145.92	0.17
16.50	0.14	11,400	145.92	0.17
16.60	0.14	11,388	145.91	0.17
16.70	0.14	11,376	145.91	0.17
16.80	0.13	11,363	145.91	0.17
16.90	0.13	11,349	145.91	0.17
17.00	0.13	11,334	145.91	0.17
17.10	0.13	11,318	145.90	0.17
17.20	0.13	11,302	145.90	0.17
17.30	0.12	11,285	145.90	0.17
17.40	0.12	11,267	145.90	0.17
17.50	0.12	11,248	145.89	0.17
17.60	0.12	11,229	145.89	0.17
17.70	0.11	11,208	145.89	0.17
17.80	0.11	11,187	145.88	0.17
17.90	0.11	11,166	145.88	0.17
18.00	0.11	11,143	145.88	0.17
18.10	0.10	11,120	145.87	0.17
18.20	0.10	11,096	145.87	0.17
18.30	0.10	11,071	145.86	0.17
18.40	0.10	11,046	145.86	0.17
18.50	0.10	11,021	145.86	0.17
18.60	0.10	10,997	145.85	0.17
18.70	0.10	10,972	145.85	0.17
18.80	0.10	10,946	145.85	0.17
18.90	0.10	10,921	145.84	0.17
19.00	0.10	10,896	145.84	0.17
19.10	0.10	10,870	145.83	0.17
19.20	0.10	10,845	145.83	0.17
19.30	0.09	10,819	145.83	0.17
19.40	0.09	10,794	145.82	0.17
19.50	0.09	10,768	145.82	0.17
19.60	0.09	10,742	145.81	0.16
19.70	0.09	10,716	145.81	0.16
19.80	0.09	10,690	145.81	0.16
19.90	0.09	10,664	145.80	0.16
20.00	0.09	10,638	145.80	0.16
20.10	0.09	10,611	145.79	0.16
20.20	0.09	10,585	145.79	0.16
20.30	0.09	10,559	145.78	0.16
20.40	0.09	10,532	145.78	0.16
20.50	0.09	10,505	145.78	0.16
20.60	0.09	10,478	145.77	0.16
20.70	0.09	10,452	145.77	0.16

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	10,425	145.76	0.16
20.90	0.09	10,398	145.76	0.16
21.00	0.08	10,371	145.76	0.16
21.10	0.08	10,343	145.75	0.16
21.20	0.08	10,316	145.75	0.16
21.30	0.08	10,289	145.74	0.16
21.40	0.08	10,261	145.74	0.16
21.50	0.08	10,234	145.73	0.16
21.60	0.08	10,206	145.73	0.16
21.70	0.08	10,178	145.72	0.16
21.80	0.08	10,151	145.72	0.16
21.90	0.08	10,123	145.72	0.16
22.00	0.08	10,095	145.71	0.16
22.10	0.08	10,067	145.71	0.16
22.20	0.08	10,039	145.70	0.16
22.30	0.08	10,010	145.70	0.16
22.40	0.08	9,982	145.69	0.15
22.50	0.08	9,954	145.69	0.15
22.60	0.07	9,925	145.68	0.15
22.70	0.07	9,897	145.68	0.15
22.80	0.07	9,868	145.68	0.15
22.90	0.07	9,840	145.67	0.15
23.00	0.07	9,811	145.67	0.15
23.10	0.07	9,782	145.66	0.15
23.20	0.07	9,753	145.66	0.15
23.30	0.07	9,724	145.65	0.15
23.40	0.07	9,695	145.65	0.15
23.50	0.07	9,666	145.64	0.15
23.60	0.07	9,637	145.64	0.15
23.70	0.07	9,608	145.63	0.15
23.80	0.07	9,578	145.63	0.15
23.90	0.07	9,549	145.63	0.15
24.00	0.07	9,520	145.62	0.15
24.10	0.06	9,491	145.62	0.15
24.20	0.02	9,451	145.61	0.15
24.30	0.00	9,402	145.60	0.15
24.40	0.00	9,350	145.59	0.15
24.50	0.00	9,298	145.59	0.15
24.60	0.00	9,246	145.58	0.14
24.70	0.00	9,194	145.57	0.14
24.80	0.00	9,142	145.56	0.14
24.90	0.00	9,091	145.55	0.14
25.00	0.00	9,040	145.54	0.14
25.10	0.00	8,989	145.54	0.14
25.20	0.00	8,939	145.53	0.14
25.30	0.00	8,889	145.52	0.14
25.40	0.00	8,839	145.51	0.14
25.50	0.00	8,789	145.50	0.14
25.60	0.00	8,740	145.50	0.14
25.70	0.00	8,691	145.49	0.14
25.80	0.00	8,642	145.48	0.13
25.90	0.00	8,594	145.47	0.13

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,546	145.46	0.13
26.10	0.00	8,498	145.46	0.13
26.20	0.00	8,450	145.45	0.13
26.30	0.00	8,403	145.44	0.13
26.40	0.00	8,356	145.43	0.13
26.50	0.00	8,309	145.43	0.13
26.60	0.00	8,263	145.42	0.13
26.70	0.00	8,217	145.41	0.13
26.80	0.00	8,171	145.40	0.13
26.90	0.00	8,125	145.40	0.13
27.00	0.00	8,080	145.39	0.13
27.10	0.00	8,035	145.38	0.12
27.20	0.00	7,990	145.37	0.12
27.30	0.00	7,945	145.37	0.12
27.40	0.00	7,901	145.36	0.12
27.50	0.00	7,857	145.35	0.12
27.60	0.00	7,814	145.35	0.12
27.70	0.00	7,770	145.34	0.12
27.80	0.00	7,727	145.33	0.12
27.90	0.00	7,684	145.33	0.12
28.00	0.00	7,642	145.32	0.12
28.10	0.00	7,600	145.31	0.12
28.20	0.00	7,558	145.30	0.12
28.30	0.00	7,516	145.30	0.12
28.40	0.00	7,475	145.29	0.11
28.50	0.00	7,434	145.28	0.11
28.60	0.00	7,393	145.28	0.11
28.70	0.00	7,352	145.27	0.11
28.80	0.00	7,312	145.26	0.11
28.90	0.00	7,272	145.26	0.11
29.00	0.00	7,233	145.25	0.11
29.10	0.00	7,193	145.24	0.11
29.20	0.00	7,154	145.24	0.11
29.30	0.00	7,115	145.23	0.11
29.40	0.00	7,077	145.23	0.11
29.50	0.00	7,039	145.22	0.11
29.60	0.00	7,001	145.21	0.10
29.70	0.00	6,963	145.21	0.10
29.80	0.00	6,926	145.20	0.10
29.90	0.00	6,889	145.19	0.10
30.00	0.00	6,852	145.19	0.10
30.10	0.00	6,815	145.18	0.10
30.20	0.00	6,779	145.18	0.10
30.30	0.00	6,743	145.17	0.10
30.40	0.00	6,708	145.16	0.10
30.50	0.00	6,672	145.16	0.10
30.60	0.00	6,637	145.15	0.10
30.70	0.00	6,603	145.15	0.10
30.80	0.00	6,568	145.14	0.10
30.90	0.00	6,534	145.14	0.09
31.00	0.00	6,500	145.13	0.09
31.10	0.00	6,466	145.12	0.09

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,433	145.12	0.09
31.30	0.00	6,400	145.11	0.09
31.40	0.00	6,367	145.11	0.09
31.50	0.00	6,335	145.10	0.09
31.60	0.00	6,303	145.10	0.09
31.70	0.00	6,271	145.09	0.09
31.80	0.00	6,239	145.09	0.09
31.90	0.00	6,208	145.08	0.09
32.00	0.00	6,177	145.08	0.09
32.10	0.00	6,146	145.07	0.08
32.20	0.00	6,116	145.07	0.08
32.30	0.00	6,086	145.06	0.08
32.40	0.00	6,056	145.06	0.08
32.50	0.00	6,027	145.05	0.08
32.60	0.00	5,997	145.05	0.08
32.70	0.00	5,968	145.04	0.08
32.80	0.00	5,940	145.04	0.08
32.90	0.00	5,911	145.03	0.08
33.00	0.00	5,883	145.03	0.08
33.10	0.00	5,856	145.02	0.08
33.20	0.00	5,828	145.02	0.08
33.30	0.00	5,801	145.01	0.08
33.40	0.00	5,774	145.01	0.07
33.50	0.00	5,747	145.01	0.07
33.60	0.00	5,721	145.00	0.07
33.70	0.00	5,695	145.00	0.07
33.80	0.00	5,669	144.99	0.07
33.90	0.00	5,644	144.99	0.07
34.00	0.00	5,619	144.98	0.07
34.10	0.00	5,594	144.98	0.07
34.20	0.00	5,569	144.98	0.07
34.30	0.00	5,545	144.97	0.07
34.40	0.00	5,521	144.97	0.07
34.50	0.00	5,497	144.96	0.07
34.60	0.00	5,474	144.96	0.06
34.70	0.00	5,451	144.96	0.06
34.80	0.00	5,428	144.95	0.06
34.90	0.00	5,406	144.95	0.06
35.00	0.00	5,383	144.94	0.06
35.10	0.00	5,362	144.94	0.06
35.20	0.00	5,340	144.94	0.06
35.30	0.00	5,319	144.93	0.06
35.40	0.00	5,298	144.93	0.06
35.50	0.00	5,277	144.93	0.06
35.60	0.00	5,256	144.92	0.06
35.70	0.00	5,236	144.92	0.06
35.80	0.00	5,216	144.92	0.05
35.90	0.00	5,197	144.91	0.05
36.00	0.00	5,178	144.91	0.05
36.10	0.00	5,159	144.91	0.05
36.20	0.00	5,140	144.90	0.05
36.30	0.00	5,121	144.90	0.05

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,103	144.90	0.05
36.50	0.00	5,085	144.89	0.05
36.60	0.00	5,068	144.89	0.05
36.70	0.00	5,050	144.89	0.05
36.80	0.00	5,033	144.88	0.05
36.90	0.00	5,017	144.88	0.05
37.00	0.00	5,001	144.88	0.04
37.10	0.00	4,985	144.88	0.04
37.20	0.00	4,969	144.87	0.04
37.30	0.00	4,954	144.87	0.04
37.40	0.00	4,939	144.87	0.04
37.50	0.00	4,924	144.87	0.04
37.60	0.00	4,910	144.86	0.04
37.70	0.00	4,896	144.86	0.04
37.80	0.00	4,882	144.86	0.04
37.90	0.00	4,869	144.86	0.04
38.00	0.00	4,856	144.85	0.04
38.10	0.00	4,843	144.85	0.04
38.20	0.00	4,830	144.85	0.03
38.30	0.00	4,818	144.85	0.03
38.40	0.00	4,806	144.85	0.03
38.50	0.00	4,794	144.84	0.03
38.60	0.00	4,782	144.84	0.03
38.70	0.00	4,771	144.84	0.03
38.80	0.00	4,760	144.84	0.03
38.90	0.00	4,749	144.84	0.03
39.00	0.00	4,738	144.83	0.03
39.10	0.00	4,728	144.83	0.03
39.20	0.00	4,717	144.83	0.03
39.30	0.00	4,707	144.83	0.03
39.40	0.00	4,698	144.83	0.03
39.50	0.00	4,688	144.83	0.03
39.60	0.00	4,678	144.82	0.03
39.70	0.00	4,669	144.82	0.03
39.80	0.00	4,660	144.82	0.02
39.90	0.00	4,651	144.82	0.02
40.00	0.00	4,643	144.82	0.02

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 2.50" for Current 2 yr event
 Inflow = 4.97 cfs @ 12.17 hrs, Volume= 0.403 af
 Outflow = 1.70 cfs @ 12.43 hrs, Volume= 0.297 af, Atten= 66%, Lag= 15.8 min
 Primary = 1.70 cfs @ 12.43 hrs, Volume= 0.297 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 171.82' @ 12.43 hrs Surf.Area= 3,529 sf Storage= 8,393 cf

Plug-Flow detention time= 205.5 min calculated for 0.296 af (73% of inflow)
 Center-of-Mass det. time= 114.5 min (903.1 - 788.6)

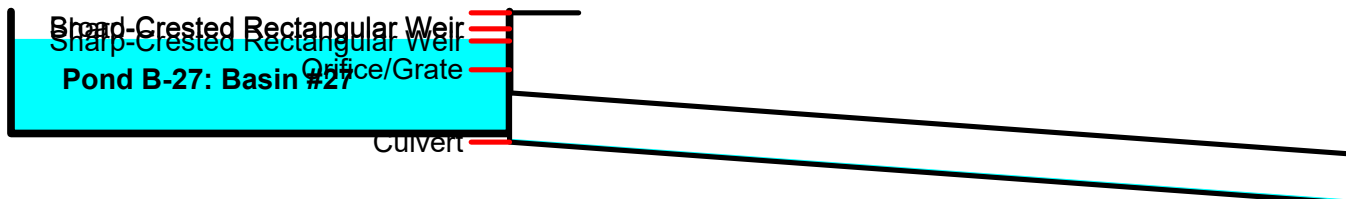
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

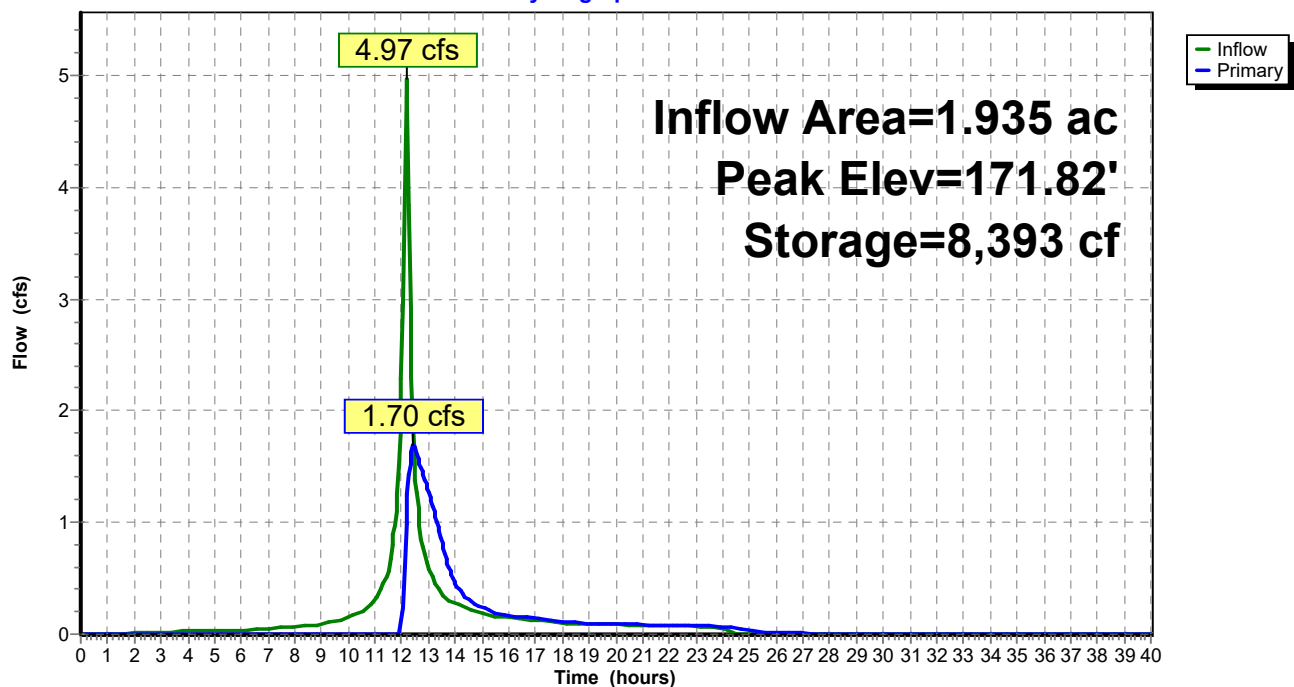
Primary OutFlow Max=1.69 cfs @ 12.43 hrs HW=171.81' (Free Discharge)

1=Culvert (Passes 1.69 cfs of 26.91 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.59 cfs @ 4.55 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.11 cfs @ 0.83 fps)
 4=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	0	168.00	0.00
0.60	0.00	0	168.00	0.00
0.70	0.00	0	168.00	0.00
0.80	0.00	0	168.00	0.00
0.90	0.00	0	168.00	0.00
1.00	0.00	0	168.00	0.00
1.10	0.00	0	168.00	0.00
1.20	0.00	0	168.00	0.00
1.30	0.00	0	168.00	0.00
1.40	0.00	1	168.00	0.00
1.50	0.00	1	168.00	0.00
1.60	0.00	3	168.00	0.00
1.70	0.01	4	168.00	0.00
1.80	0.01	6	168.01	0.00
1.90	0.01	9	168.01	0.00
2.00	0.01	12	168.01	0.00
2.10	0.01	15	168.01	0.00
2.20	0.01	18	168.02	0.00
2.30	0.01	22	168.02	0.00
2.40	0.01	27	168.03	0.00
2.50	0.01	31	168.03	0.00
2.60	0.01	36	168.04	0.00
2.70	0.02	42	168.04	0.00
2.80	0.02	47	168.05	0.00
2.90	0.02	53	168.05	0.00
3.00	0.02	59	168.06	0.00
3.10	0.02	66	168.06	0.00
3.20	0.02	73	168.07	0.00
3.30	0.02	80	168.08	0.00
3.40	0.02	87	168.08	0.00
3.50	0.02	95	168.09	0.00
3.60	0.02	103	168.10	0.00
3.70	0.02	111	168.11	0.00
3.80	0.02	119	168.11	0.00
3.90	0.02	128	168.12	0.00
4.00	0.03	137	168.13	0.00
4.10	0.03	146	168.14	0.00
4.20	0.03	155	168.15	0.00
4.30	0.03	165	168.16	0.00
4.40	0.03	175	168.17	0.00
4.50	0.03	185	168.18	0.00
4.60	0.03	196	168.19	0.00
4.70	0.03	206	168.19	0.00
4.80	0.03	217	168.20	0.00
4.90	0.03	228	168.21	0.00
5.00	0.03	239	168.22	0.00
5.10	0.03	251	168.23	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	262	168.24	0.00
5.30	0.03	274	168.25	0.00
5.40	0.03	286	168.27	0.00
5.50	0.03	299	168.28	0.00
5.60	0.03	311	168.29	0.00
5.70	0.04	324	168.30	0.00
5.80	0.04	337	168.31	0.00
5.90	0.04	350	168.32	0.00
6.00	0.04	363	168.33	0.00
6.10	0.04	376	168.34	0.00
6.20	0.04	390	168.35	0.00
6.30	0.04	404	168.36	0.00
6.40	0.04	419	168.38	0.00
6.50	0.04	434	168.39	0.00
6.60	0.04	450	168.40	0.00
6.70	0.05	466	168.41	0.00
6.80	0.05	482	168.43	0.00
6.90	0.05	499	168.44	0.00
7.00	0.05	516	168.46	0.00
7.10	0.05	534	168.47	0.00
7.20	0.05	553	168.48	0.00
7.30	0.05	572	168.50	0.00
7.40	0.06	591	168.51	0.00
7.50	0.06	612	168.53	0.00
7.60	0.06	633	168.55	0.00
7.70	0.06	655	168.56	0.00
7.80	0.06	677	168.58	0.00
7.90	0.07	701	168.60	0.00
8.00	0.07	725	168.61	0.00
8.10	0.07	750	168.63	0.00
8.20	0.07	775	168.65	0.00
8.30	0.07	802	168.67	0.00
8.40	0.08	829	168.69	0.00
8.50	0.08	857	168.71	0.00
8.60	0.08	886	168.73	0.00
8.70	0.08	915	168.75	0.00
8.80	0.09	946	168.77	0.00
8.90	0.09	977	168.79	0.00
9.00	0.09	1,010	168.81	0.00
9.10	0.09	1,043	168.84	0.00
9.20	0.10	1,078	168.86	0.00
9.30	0.11	1,115	168.89	0.00
9.40	0.11	1,154	168.91	0.00
9.50	0.12	1,195	168.94	0.00
9.60	0.13	1,239	168.97	0.00
9.70	0.13	1,286	169.00	0.00
9.80	0.14	1,335	169.03	0.00
9.90	0.15	1,386	169.06	0.00
10.00	0.15	1,440	169.09	0.00
10.10	0.16	1,497	169.13	0.00
10.20	0.17	1,557	169.16	0.00
10.30	0.18	1,619	169.20	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.19	1,684	169.24	0.00
10.50	0.19	1,753	169.28	0.00
10.60	0.21	1,824	169.32	0.00
10.70	0.23	1,902	169.36	0.00
10.80	0.25	1,989	169.41	0.00
10.90	0.28	2,085	169.46	0.00
11.00	0.31	2,191	169.51	0.00
11.10	0.34	2,308	169.58	0.00
11.20	0.39	2,440	169.64	0.00
11.30	0.44	2,590	169.72	0.00
11.40	0.50	2,759	169.80	0.00
11.50	0.55	2,949	169.89	0.00
11.60	0.67	3,165	169.99	0.00
11.70	0.89	3,449	170.11	0.00
11.80	1.09	3,803	170.26	0.00
11.90	1.49	4,262	170.45	0.00
12.00	2.29	4,922	170.70	0.05
12.10	3.93	5,915	171.05	0.60
12.20	4.80	7,236	171.48	1.25
12.30	2.92	8,118	171.74	1.52
12.40	1.88	8,384	171.81	1.69
12.50	1.39	8,355	171.81	1.67
12.60	1.12	8,226	171.77	1.57
12.70	0.85	8,028	171.71	1.49
12.80	0.73	7,786	171.64	1.42
12.90	0.66	7,537	171.57	1.35
13.00	0.59	7,292	171.49	1.27
13.10	0.53	7,053	171.42	1.18
13.20	0.48	6,824	171.35	1.10
13.30	0.44	6,611	171.28	1.00
13.40	0.40	6,416	171.22	0.92
13.50	0.37	6,242	171.16	0.82
13.60	0.33	6,092	171.11	0.72
13.70	0.31	5,965	171.07	0.63
13.80	0.29	5,859	171.03	0.56
13.90	0.28	5,773	171.00	0.50
14.00	0.27	5,703	170.98	0.45
14.10	0.27	5,645	170.96	0.41
14.20	0.26	5,597	170.94	0.38
14.30	0.25	5,556	170.93	0.35
14.40	0.24	5,521	170.92	0.33
14.50	0.23	5,490	170.91	0.31
14.60	0.22	5,462	170.90	0.29
14.70	0.21	5,437	170.89	0.28
14.80	0.20	5,414	170.88	0.27
14.90	0.20	5,393	170.87	0.25
15.00	0.19	5,372	170.86	0.24
15.10	0.18	5,353	170.86	0.23
15.20	0.17	5,334	170.85	0.22
15.30	0.17	5,317	170.84	0.21
15.40	0.16	5,302	170.84	0.20
15.50	0.16	5,288	170.83	0.20

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	5,277	170.83	0.19
15.70	0.16	5,266	170.83	0.18
15.80	0.15	5,257	170.82	0.18
15.90	0.15	5,249	170.82	0.17
16.00	0.15	5,241	170.82	0.17
16.10	0.15	5,233	170.81	0.17
16.20	0.14	5,226	170.81	0.16
16.30	0.14	5,220	170.81	0.16
16.40	0.14	5,213	170.81	0.16
16.50	0.14	5,207	170.80	0.15
16.60	0.14	5,201	170.80	0.15
16.70	0.13	5,195	170.80	0.15
16.80	0.13	5,189	170.80	0.15
16.90	0.13	5,184	170.80	0.14
17.00	0.13	5,178	170.79	0.14
17.10	0.12	5,173	170.79	0.14
17.20	0.12	5,167	170.79	0.14
17.30	0.12	5,162	170.79	0.13
17.40	0.12	5,157	170.79	0.13
17.50	0.11	5,151	170.78	0.13
17.60	0.11	5,146	170.78	0.13
17.70	0.11	5,141	170.78	0.12
17.80	0.11	5,136	170.78	0.12
17.90	0.10	5,131	170.78	0.12
18.00	0.10	5,125	170.78	0.12
18.10	0.10	5,120	170.77	0.11
18.20	0.10	5,115	170.77	0.11
18.30	0.10	5,110	170.77	0.11
18.40	0.10	5,106	170.77	0.11
18.50	0.10	5,102	170.77	0.11
18.60	0.09	5,098	170.77	0.11
18.70	0.09	5,094	170.76	0.10
18.80	0.09	5,091	170.76	0.10
18.90	0.09	5,088	170.76	0.10
19.00	0.09	5,085	170.76	0.10
19.10	0.09	5,082	170.76	0.10
19.20	0.09	5,080	170.76	0.10
19.30	0.09	5,077	170.76	0.10
19.40	0.09	5,075	170.76	0.10
19.50	0.09	5,073	170.76	0.10
19.60	0.09	5,071	170.76	0.09
19.70	0.09	5,068	170.75	0.09
19.80	0.09	5,066	170.75	0.09
19.90	0.09	5,065	170.75	0.09
20.00	0.09	5,063	170.75	0.09
20.10	0.09	5,061	170.75	0.09
20.20	0.09	5,059	170.75	0.09
20.30	0.08	5,057	170.75	0.09
20.40	0.08	5,055	170.75	0.09
20.50	0.08	5,054	170.75	0.09
20.60	0.08	5,052	170.75	0.09
20.70	0.08	5,050	170.75	0.09

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	5,049	170.75	0.09
20.90	0.08	5,047	170.75	0.09
21.00	0.08	5,045	170.75	0.09
21.10	0.08	5,044	170.75	0.08
21.20	0.08	5,042	170.74	0.08
21.30	0.08	5,040	170.74	0.08
21.40	0.08	5,039	170.74	0.08
21.50	0.08	5,037	170.74	0.08
21.60	0.08	5,036	170.74	0.08
21.70	0.08	5,034	170.74	0.08
21.80	0.08	5,032	170.74	0.08
21.90	0.08	5,031	170.74	0.08
22.00	0.07	5,029	170.74	0.08
22.10	0.07	5,028	170.74	0.08
22.20	0.07	5,026	170.74	0.08
22.30	0.07	5,024	170.74	0.08
22.40	0.07	5,023	170.74	0.08
22.50	0.07	5,021	170.74	0.08
22.60	0.07	5,020	170.74	0.08
22.70	0.07	5,018	170.74	0.08
22.80	0.07	5,017	170.74	0.07
22.90	0.07	5,015	170.74	0.07
23.00	0.07	5,013	170.73	0.07
23.10	0.07	5,012	170.73	0.07
23.20	0.07	5,010	170.73	0.07
23.30	0.07	5,009	170.73	0.07
23.40	0.07	5,007	170.73	0.07
23.50	0.07	5,005	170.73	0.07
23.60	0.07	5,004	170.73	0.07
23.70	0.06	5,002	170.73	0.07
23.80	0.06	5,001	170.73	0.07
23.90	0.06	4,999	170.73	0.07
24.00	0.07	4,998	170.73	0.07
24.10	0.06	4,997	170.73	0.07
24.20	0.02	4,986	170.72	0.06
24.30	0.00	4,968	170.72	0.06
24.40	0.00	4,948	170.71	0.05
24.50	0.00	4,931	170.70	0.05
24.60	0.00	4,914	170.70	0.04
24.70	0.00	4,900	170.69	0.04
24.80	0.00	4,886	170.69	0.04
24.90	0.00	4,874	170.68	0.03
25.00	0.00	4,863	170.68	0.03
25.10	0.00	4,853	170.68	0.03
25.20	0.00	4,844	170.67	0.02
25.30	0.00	4,836	170.67	0.02
25.40	0.00	4,828	170.67	0.02
25.50	0.00	4,820	170.66	0.02
25.60	0.00	4,813	170.66	0.02
25.70	0.00	4,806	170.66	0.02
25.80	0.00	4,800	170.66	0.02
25.90	0.00	4,794	170.65	0.02

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,788	170.65	0.02
26.10	0.00	4,783	170.65	0.01
26.20	0.00	4,777	170.65	0.01
26.30	0.00	4,773	170.65	0.01
26.40	0.00	4,768	170.64	0.01
26.50	0.00	4,764	170.64	0.01
26.60	0.00	4,760	170.64	0.01
26.70	0.00	4,756	170.64	0.01
26.80	0.00	4,752	170.64	0.01
26.90	0.00	4,749	170.64	0.01
27.00	0.00	4,745	170.64	0.01
27.10	0.00	4,742	170.63	0.01
27.20	0.00	4,739	170.63	0.01
27.30	0.00	4,736	170.63	0.01
27.40	0.00	4,734	170.63	0.01
27.50	0.00	4,731	170.63	0.01
27.60	0.00	4,729	170.63	0.01
27.70	0.00	4,727	170.63	0.01
27.80	0.00	4,725	170.63	0.01
27.90	0.00	4,723	170.63	0.01
28.00	0.00	4,721	170.63	0.01
28.10	0.00	4,719	170.63	0.00
28.20	0.00	4,717	170.62	0.00
28.30	0.00	4,716	170.62	0.00
28.40	0.00	4,714	170.62	0.00
28.50	0.00	4,713	170.62	0.00
28.60	0.00	4,711	170.62	0.00
28.70	0.00	4,710	170.62	0.00
28.80	0.00	4,708	170.62	0.00
28.90	0.00	4,707	170.62	0.00
29.00	0.00	4,706	170.62	0.00
29.10	0.00	4,704	170.62	0.00
29.20	0.00	4,703	170.62	0.00
29.30	0.00	4,702	170.62	0.00
29.40	0.00	4,701	170.62	0.00
29.50	0.00	4,699	170.62	0.00
29.60	0.00	4,698	170.62	0.00
29.70	0.00	4,697	170.62	0.00
29.80	0.00	4,696	170.62	0.00
29.90	0.00	4,695	170.62	0.00
30.00	0.00	4,694	170.62	0.00
30.10	0.00	4,692	170.62	0.00
30.20	0.00	4,691	170.61	0.00
30.30	0.00	4,690	170.61	0.00
30.40	0.00	4,689	170.61	0.00
30.50	0.00	4,688	170.61	0.00
30.60	0.00	4,687	170.61	0.00
30.70	0.00	4,686	170.61	0.00
30.80	0.00	4,685	170.61	0.00
30.90	0.00	4,684	170.61	0.00
31.00	0.00	4,683	170.61	0.00
31.10	0.00	4,682	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,681	170.61	0.00
31.30	0.00	4,680	170.61	0.00
31.40	0.00	4,679	170.61	0.00
31.50	0.00	4,679	170.61	0.00
31.60	0.00	4,678	170.61	0.00
31.70	0.00	4,677	170.61	0.00
31.80	0.00	4,676	170.61	0.00
31.90	0.00	4,675	170.61	0.00
32.00	0.00	4,674	170.61	0.00
32.10	0.00	4,674	170.61	0.00
32.20	0.00	4,673	170.61	0.00
32.30	0.00	4,672	170.61	0.00
32.40	0.00	4,671	170.61	0.00
32.50	0.00	4,670	170.61	0.00
32.60	0.00	4,670	170.61	0.00
32.70	0.00	4,669	170.61	0.00
32.80	0.00	4,668	170.61	0.00
32.90	0.00	4,668	170.61	0.00
33.00	0.00	4,667	170.61	0.00
33.10	0.00	4,666	170.61	0.00
33.20	0.00	4,666	170.61	0.00
33.30	0.00	4,665	170.60	0.00
33.40	0.00	4,664	170.60	0.00
33.50	0.00	4,664	170.60	0.00
33.60	0.00	4,663	170.60	0.00
33.70	0.00	4,662	170.60	0.00
33.80	0.00	4,662	170.60	0.00
33.90	0.00	4,661	170.60	0.00
34.00	0.00	4,661	170.60	0.00
34.10	0.00	4,660	170.60	0.00
34.20	0.00	4,659	170.60	0.00
34.30	0.00	4,659	170.60	0.00
34.40	0.00	4,658	170.60	0.00
34.50	0.00	4,658	170.60	0.00
34.60	0.00	4,657	170.60	0.00
34.70	0.00	4,657	170.60	0.00
34.80	0.00	4,656	170.60	0.00
34.90	0.00	4,656	170.60	0.00
35.00	0.00	4,655	170.60	0.00
35.10	0.00	4,655	170.60	0.00
35.20	0.00	4,654	170.60	0.00
35.30	0.00	4,654	170.60	0.00
35.40	0.00	4,653	170.60	0.00
35.50	0.00	4,653	170.60	0.00
35.60	0.00	4,652	170.60	0.00
35.70	0.00	4,652	170.60	0.00
35.80	0.00	4,652	170.60	0.00
35.90	0.00	4,651	170.60	0.00
36.00	0.00	4,651	170.60	0.00
36.10	0.00	4,650	170.60	0.00
36.20	0.00	4,650	170.60	0.00
36.30	0.00	4,650	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,649	170.60	0.00
36.50	0.00	4,649	170.60	0.00
36.60	0.00	4,648	170.60	0.00
36.70	0.00	4,648	170.60	0.00
36.80	0.00	4,648	170.60	0.00
36.90	0.00	4,647	170.60	0.00
37.00	0.00	4,647	170.60	0.00
37.10	0.00	4,647	170.60	0.00
37.20	0.00	4,646	170.60	0.00
37.30	0.00	4,646	170.60	0.00
37.40	0.00	4,646	170.60	0.00
37.50	0.00	4,645	170.60	0.00
37.60	0.00	4,645	170.60	0.00
37.70	0.00	4,645	170.60	0.00
37.80	0.00	4,644	170.60	0.00
37.90	0.00	4,644	170.60	0.00
38.00	0.00	4,644	170.60	0.00
38.10	0.00	4,643	170.60	0.00
38.20	0.00	4,643	170.60	0.00
38.30	0.00	4,643	170.60	0.00
38.40	0.00	4,643	170.60	0.00
38.50	0.00	4,642	170.60	0.00
38.60	0.00	4,642	170.60	0.00
38.70	0.00	4,642	170.60	0.00
38.80	0.00	4,641	170.60	0.00
38.90	0.00	4,641	170.60	0.00
39.00	0.00	4,641	170.60	0.00
39.10	0.00	4,641	170.60	0.00
39.20	0.00	4,640	170.60	0.00
39.30	0.00	4,640	170.60	0.00
39.40	0.00	4,640	170.60	0.00
39.50	0.00	4,640	170.60	0.00
39.60	0.00	4,640	170.60	0.00
39.70	0.00	4,639	170.60	0.00
39.80	0.00	4,639	170.60	0.00
39.90	0.00	4,639	170.59	0.00
40.00	0.00	4,639	170.59	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 1.83" for Current 2 yr event
 Inflow = 4.30 cfs @ 12.18 hrs, Volume= 0.355 af
 Outflow = 3.45 cfs @ 12.25 hrs, Volume= 0.276 af, Atten= 20%, Lag= 4.8 min
 Primary = 3.45 cfs @ 12.25 hrs, Volume= 0.276 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.52' @ 12.25 hrs Surf.Area= 2,852 sf Storage= 4,965 cf

Plug-Flow detention time= 163.3 min calculated for 0.276 af (78% of inflow)
 Center-of-Mass det. time= 72.6 min (876.0 - 803.4)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.43 cfs @ 12.25 hrs HW=168.52' (Free Discharge)

1=Culvert (Passes 3.43 cfs of 11.67 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.43 cfs @ 2.42 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

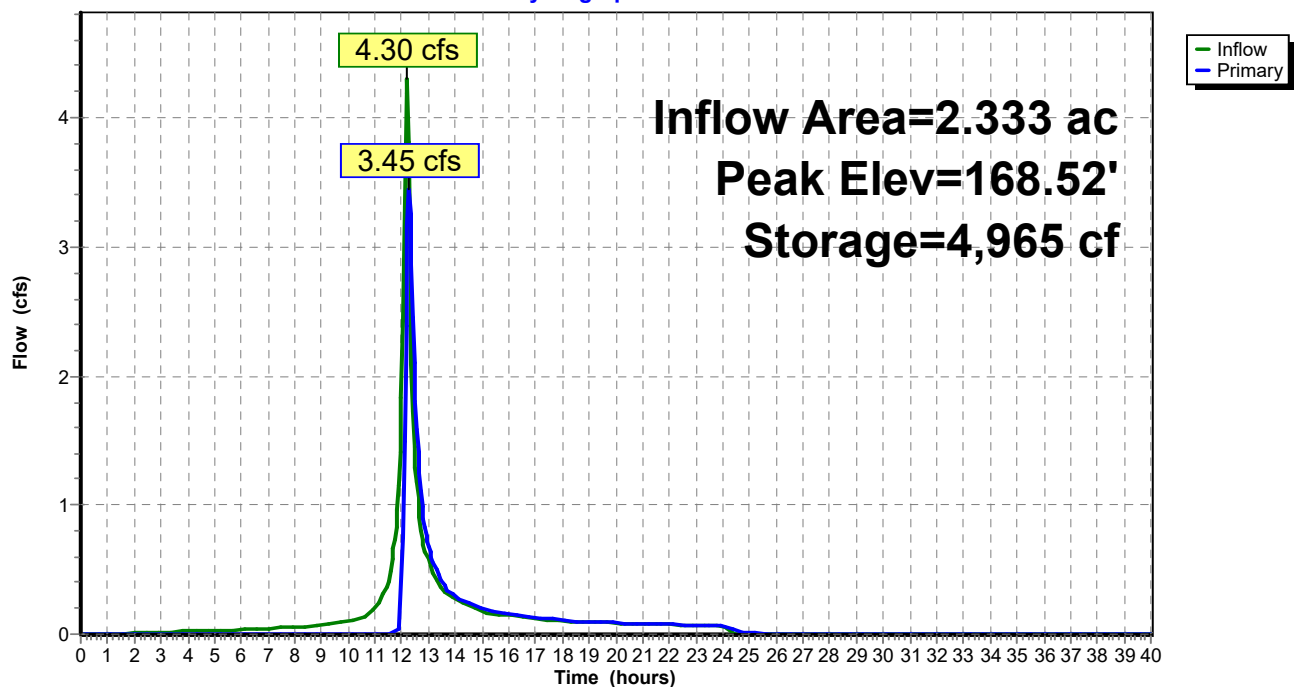
Sharp-Crested Rectangular Weir

Pond B-28: Basin #28

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	0	166.00	0.00
1.30	0.00	0	166.00	0.00
1.40	0.00	0	166.00	0.00
1.50	0.00	1	166.00	0.00
1.60	0.00	2	166.00	0.00
1.70	0.00	4	166.00	0.00
1.80	0.01	6	166.00	0.00
1.90	0.01	8	166.01	0.00
2.00	0.01	11	166.01	0.00
2.10	0.01	13	166.01	0.00
2.20	0.01	17	166.01	0.00
2.30	0.01	20	166.02	0.00
2.40	0.01	24	166.02	0.00
2.50	0.01	28	166.02	0.00
2.60	0.01	33	166.03	0.00
2.70	0.01	38	166.03	0.00
2.80	0.01	43	166.04	0.00
2.90	0.02	48	166.04	0.00
3.00	0.02	54	166.05	0.00
3.10	0.02	60	166.05	0.00
3.20	0.02	66	166.06	0.00
3.30	0.02	72	166.06	0.00
3.40	0.02	79	166.07	0.00
3.50	0.02	86	166.07	0.00
3.60	0.02	93	166.08	0.00
3.70	0.02	100	166.09	0.00
3.80	0.02	108	166.09	0.00
3.90	0.02	116	166.10	0.00
4.00	0.02	124	166.11	0.00
4.10	0.02	132	166.11	0.00
4.20	0.02	141	166.12	0.00
4.30	0.02	149	166.13	0.00
4.40	0.03	158	166.13	0.00
4.50	0.03	168	166.14	0.00
4.60	0.03	177	166.15	0.00
4.70	0.03	187	166.16	0.00
4.80	0.03	196	166.16	0.00
4.90	0.03	206	166.17	0.00
5.00	0.03	217	166.18	0.00
5.10	0.03	227	166.19	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	238	166.20	0.00
5.30	0.03	248	166.21	0.00
5.40	0.03	259	166.21	0.00
5.50	0.03	270	166.22	0.00
5.60	0.03	282	166.23	0.00
5.70	0.03	293	166.24	0.00
5.80	0.03	305	166.25	0.00
5.90	0.03	317	166.26	0.00
6.00	0.03	329	166.27	0.00
6.10	0.03	341	166.28	0.00
6.20	0.04	353	166.29	0.00
6.30	0.04	366	166.30	0.00
6.40	0.04	379	166.31	0.00
6.50	0.04	393	166.32	0.00
6.60	0.04	407	166.33	0.00
6.70	0.04	422	166.34	0.00
6.80	0.04	436	166.35	0.00
6.90	0.04	452	166.36	0.00
7.00	0.04	467	166.37	0.00
7.10	0.05	484	166.38	0.00
7.20	0.05	500	166.39	0.00
7.30	0.05	517	166.41	0.00
7.40	0.05	535	166.42	0.00
7.50	0.05	552	166.43	0.00
7.60	0.05	571	166.44	0.00
7.70	0.05	589	166.46	0.00
7.80	0.05	608	166.47	0.00
7.90	0.05	628	166.48	0.00
8.00	0.06	648	166.50	0.00
8.10	0.06	668	166.51	0.00
8.20	0.06	689	166.53	0.00
8.30	0.06	710	166.54	0.00
8.40	0.06	732	166.55	0.00
8.50	0.06	754	166.57	0.00
8.60	0.06	777	166.58	0.00
8.70	0.06	800	166.60	0.00
8.80	0.07	823	166.61	0.00
8.90	0.07	847	166.63	0.00
9.00	0.07	871	166.65	0.00
9.10	0.07	896	166.66	0.00
9.20	0.07	922	166.68	0.00
9.30	0.08	949	166.70	0.00
9.40	0.08	977	166.71	0.00
9.50	0.09	1,007	166.73	0.00
9.60	0.09	1,039	166.75	0.00
9.70	0.09	1,071	166.77	0.00
9.80	0.10	1,106	166.79	0.00
9.90	0.10	1,142	166.81	0.00
10.00	0.11	1,179	166.84	0.00
10.10	0.11	1,217	166.86	0.00
10.20	0.11	1,258	166.88	0.00
10.30	0.12	1,299	166.91	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,343	166.93	0.00
10.50	0.13	1,387	166.96	0.00
10.60	0.13	1,434	166.98	0.00
10.70	0.15	1,484	167.01	0.00
10.80	0.16	1,540	167.04	0.00
10.90	0.18	1,602	167.08	0.00
11.00	0.20	1,672	167.12	0.00
11.10	0.23	1,750	167.16	0.00
11.20	0.27	1,839	167.20	0.00
11.30	0.31	1,942	167.26	0.00
11.40	0.35	2,060	167.32	0.00
11.50	0.39	2,193	167.38	0.00
11.60	0.49	2,349	167.46	0.00
11.70	0.66	2,557	167.56	0.00
11.80	0.83	2,821	167.68	0.00
11.90	1.16	3,174	167.83	0.00
12.00	1.84	3,679	168.04	0.22
12.10	3.31	4,292	168.28	1.50
12.20	4.21	4,874	168.49	3.17
12.30	2.62	4,903	168.50	3.26
12.40	1.72	4,641	168.40	2.46
12.50	1.29	4,411	168.32	1.81
12.60	1.05	4,259	168.26	1.41
12.70	0.80	4,137	168.22	1.11
12.80	0.69	4,044	168.18	0.90
12.90	0.63	3,984	168.16	0.77
13.00	0.57	3,940	168.14	0.68
13.10	0.51	3,904	168.13	0.60
13.20	0.46	3,872	168.12	0.54
13.30	0.42	3,845	168.10	0.49
13.40	0.39	3,822	168.10	0.45
13.50	0.36	3,801	168.09	0.41
13.60	0.32	3,782	168.08	0.38
13.70	0.30	3,764	168.07	0.34
13.80	0.28	3,749	168.07	0.32
13.90	0.28	3,737	168.06	0.30
14.00	0.27	3,728	168.06	0.29
14.10	0.26	3,721	168.06	0.28
14.20	0.25	3,714	168.05	0.27
14.30	0.24	3,708	168.05	0.26
14.40	0.23	3,702	168.05	0.25
14.50	0.23	3,696	168.05	0.24
14.60	0.22	3,690	168.04	0.23
14.70	0.21	3,685	168.04	0.22
14.80	0.20	3,679	168.04	0.22
14.90	0.19	3,673	168.04	0.21
15.00	0.18	3,668	168.03	0.20
15.10	0.17	3,662	168.03	0.19
15.20	0.17	3,656	168.03	0.18
15.30	0.16	3,652	168.03	0.17
15.40	0.16	3,648	168.03	0.17
15.50	0.16	3,645	168.03	0.17

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	3,643	168.02	0.16
15.70	0.15	3,641	168.02	0.16
15.80	0.15	3,639	168.02	0.16
15.90	0.15	3,637	168.02	0.16
16.00	0.15	3,635	168.02	0.15
16.10	0.15	3,633	168.02	0.15
16.20	0.14	3,632	168.02	0.15
16.30	0.14	3,630	168.02	0.15
16.40	0.14	3,628	168.02	0.14
16.50	0.14	3,626	168.02	0.14
16.60	0.13	3,624	168.02	0.14
16.70	0.13	3,622	168.02	0.14
16.80	0.13	3,620	168.02	0.14
16.90	0.13	3,618	168.01	0.13
17.00	0.13	3,617	168.01	0.13
17.10	0.12	3,615	168.01	0.13
17.20	0.12	3,613	168.01	0.13
17.30	0.12	3,611	168.01	0.12
17.40	0.12	3,609	168.01	0.12
17.50	0.11	3,607	168.01	0.12
17.60	0.11	3,605	168.01	0.12
17.70	0.11	3,603	168.01	0.11
17.80	0.11	3,601	168.01	0.11
17.90	0.10	3,600	168.01	0.11
18.00	0.10	3,598	168.01	0.11
18.10	0.10	3,596	168.01	0.11
18.20	0.10	3,594	168.00	0.10
18.30	0.10	3,592	168.00	0.10
18.40	0.10	3,591	168.00	0.10
18.50	0.10	3,590	168.00	0.10
18.60	0.10	3,589	168.00	0.10
18.70	0.09	3,588	168.00	0.10
18.80	0.09	3,588	168.00	0.10
18.90	0.09	3,587	168.00	0.09
19.00	0.09	3,587	168.00	0.09
19.10	0.09	3,586	168.00	0.09
19.20	0.09	3,586	168.00	0.09
19.30	0.09	3,585	168.00	0.09
19.40	0.09	3,585	168.00	0.09
19.50	0.09	3,584	168.00	0.09
19.60	0.09	3,584	168.00	0.09
19.70	0.09	3,583	168.00	0.09
19.80	0.09	3,583	168.00	0.09
19.90	0.09	3,583	168.00	0.09
20.00	0.09	3,582	168.00	0.09
20.10	0.09	3,582	168.00	0.09
20.20	0.09	3,581	168.00	0.09
20.30	0.09	3,580	168.00	0.09
20.40	0.09	3,580	168.00	0.09
20.50	0.08	3,579	168.00	0.09
20.60	0.08	3,579	168.00	0.09
20.70	0.08	3,578	168.00	0.09

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	3,578	168.00	0.08
20.90	0.08	3,577	168.00	0.08
21.00	0.08	3,576	168.00	0.08
21.10	0.08	3,576	168.00	0.08
21.20	0.08	3,575	168.00	0.08
21.30	0.08	3,575	168.00	0.08
21.40	0.08	3,574	168.00	0.08
21.50	0.08	3,574	168.00	0.08
21.60	0.08	3,573	168.00	0.08
21.70	0.08	3,572	168.00	0.08
21.80	0.08	3,572	168.00	0.08
21.90	0.08	3,571	168.00	0.08
22.00	0.08	3,571	167.99	0.08
22.10	0.08	3,570	167.99	0.08
22.20	0.07	3,569	167.99	0.08
22.30	0.07	3,569	167.99	0.08
22.40	0.07	3,568	167.99	0.08
22.50	0.07	3,568	167.99	0.07
22.60	0.07	3,567	167.99	0.07
22.70	0.07	3,566	167.99	0.07
22.80	0.07	3,566	167.99	0.07
22.90	0.07	3,565	167.99	0.07
23.00	0.07	3,564	167.99	0.07
23.10	0.07	3,564	167.99	0.07
23.20	0.07	3,563	167.99	0.07
23.30	0.07	3,563	167.99	0.07
23.40	0.07	3,562	167.99	0.07
23.50	0.07	3,562	167.99	0.07
23.60	0.07	3,561	167.99	0.07
23.70	0.07	3,560	167.99	0.07
23.80	0.07	3,560	167.99	0.07
23.90	0.06	3,559	167.99	0.07
24.00	0.07	3,559	167.99	0.07
24.10	0.06	3,559	167.99	0.07
24.20	0.02	3,549	167.99	0.06
24.30	0.00	3,535	167.98	0.04
24.40	0.00	3,521	167.97	0.03
24.50	0.00	3,510	167.97	0.03
24.60	0.00	3,501	167.97	0.02
24.70	0.00	3,494	167.96	0.02
24.80	0.00	3,487	167.96	0.02
24.90	0.00	3,482	167.96	0.01
25.00	0.00	3,478	167.96	0.01
25.10	0.00	3,475	167.96	0.01
25.20	0.00	3,472	167.95	0.01
25.30	0.00	3,470	167.95	0.01
25.40	0.00	3,468	167.95	0.00
25.50	0.00	3,467	167.95	0.00
25.60	0.00	3,466	167.95	0.00
25.70	0.00	3,465	167.95	0.00
25.80	0.00	3,464	167.95	0.00
25.90	0.00	3,463	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,463	167.95	0.00
26.10	0.00	3,462	167.95	0.00
26.20	0.00	3,462	167.95	0.00
26.30	0.00	3,462	167.95	0.00
26.40	0.00	3,462	167.95	0.00
26.50	0.00	3,461	167.95	0.00
26.60	0.00	3,461	167.95	0.00
26.70	0.00	3,461	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

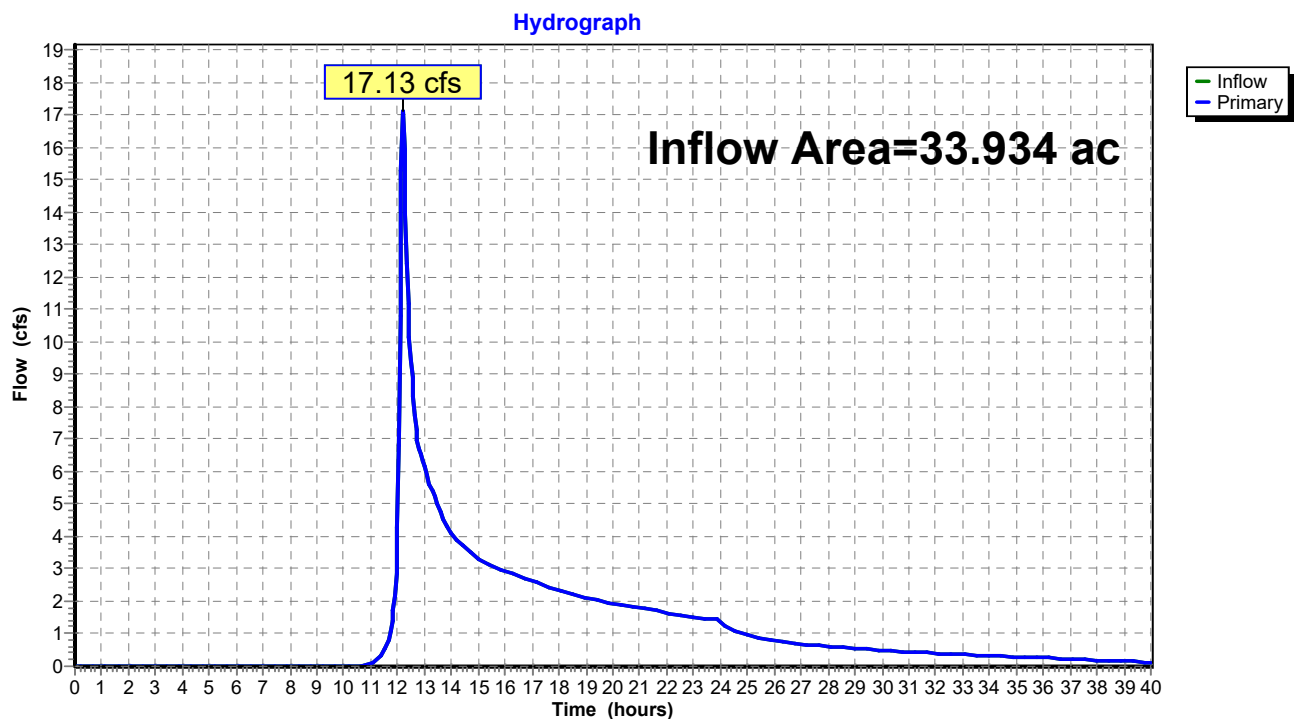
Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 1.34" for Current 2 yr event
Inflow = 17.13 cfs @ 12.21 hrs, Volume= 3.786 af
Primary = 17.13 cfs @ 12.21 hrs, Volume= 3.786 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	6.08	0.00	6.08
10.45	0.00	0.00	0.00	13.05	5.95	0.00	5.95
10.50	0.00	0.00	0.00	13.10	5.82	0.00	5.82
10.55	0.00	0.00	0.00	13.15	5.69	0.00	5.69
10.60	0.00	0.00	0.00	13.20	5.58	0.00	5.58
10.65	0.00	0.00	0.00	13.25	5.48	0.00	5.48
10.70	0.00	0.00	0.00	13.30	5.38	0.00	5.38
10.75	0.01	0.00	0.01	13.35	5.28	0.00	5.28
10.80	0.02	0.00	0.02	13.40	5.18	0.00	5.18
10.85	0.03	0.00	0.03	13.45	5.06	0.00	5.06
10.90	0.05	0.00	0.05	13.50	4.95	0.00	4.95
10.95	0.06	0.00	0.06	13.55	4.83	0.00	4.83
11.00	0.08	0.00	0.08	13.60	4.71	0.00	4.71
11.05	0.10	0.00	0.10	13.65	4.59	0.00	4.59
11.10	0.12	0.00	0.12	13.70	4.48	0.00	4.48
11.15	0.15	0.00	0.15	13.75	4.39	0.00	4.39
11.20	0.18	0.00	0.18	13.80	4.32	0.00	4.32
11.25	0.22	0.00	0.22	13.85	4.25	0.00	4.25
11.30	0.25	0.00	0.25	13.90	4.19	0.00	4.19
11.35	0.30	0.00	0.30	13.95	4.13	0.00	4.13
11.40	0.34	0.00	0.34	14.00	4.08	0.00	4.08
11.45	0.39	0.00	0.39	14.05	4.03	0.00	4.03
11.50	0.45	0.00	0.45	14.10	3.98	0.00	3.98
11.55	0.51	0.00	0.51	14.15	3.94	0.00	3.94
11.60	0.64	0.00	0.64	14.20	3.90	0.00	3.90
11.65	0.81	0.00	0.81	14.25	3.86	0.00	3.86
11.70	0.98	0.00	0.98	14.30	3.82	0.00	3.82
11.75	1.14	0.00	1.14	14.35	3.78	0.00	3.78
11.80	1.38	0.00	1.38	14.40	3.75	0.00	3.75
11.85	1.71	0.00	1.71	14.45	3.71	0.00	3.71
11.90	2.19	0.00	2.19	14.50	3.68	0.00	3.68
11.95	2.85	0.00	2.85	14.55	3.64	0.00	3.64
12.00	4.25	0.00	4.25	14.60	3.61	0.00	3.61
12.05	6.82	0.00	6.82	14.65	3.58	0.00	3.58
12.10	10.79	0.00	10.79	14.70	3.54	0.00	3.54
12.15	15.27	0.00	15.27	14.75	3.51	0.00	3.51
12.20	17.11	0.00	17.11	14.80	3.47	0.00	3.47
12.25	15.93	0.00	15.93	14.85	3.44	0.00	3.44
12.30	13.99	0.00	13.99	14.90	3.41	0.00	3.41
12.35	12.44	0.00	12.44	14.95	3.37	0.00	3.37
12.40	11.19	0.00	11.19	15.00	3.34	0.00	3.34
12.45	10.17	0.00	10.17	15.05	3.31	0.00	3.31
12.50	9.43	0.00	9.43	15.10	3.27	0.00	3.27
12.55	8.91	0.00	8.91	15.15	3.24	0.00	3.24
12.60	8.35	0.00	8.35	15.20	3.21	0.00	3.21
12.65	7.74	0.00	7.74	15.25	3.18	0.00	3.18
12.70	7.28	0.00	7.28	15.30	3.16	0.00	3.16
12.75	6.95	0.00	6.95	15.35	3.14	0.00	3.14
12.80	6.71	0.00	6.71	15.40	3.12	0.00	3.12
12.85	6.52	0.00	6.52	15.45	3.10	0.00	3.10
12.90	6.34	0.00	6.34	15.50	3.08	0.00	3.08
12.95	6.21	0.00	6.21	15.55	3.06	0.00	3.06

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.04	0.00	3.04	18.20	2.28	0.00	2.28
15.65	3.03	0.00	3.03	18.25	2.27	0.00	2.27
15.70	3.01	0.00	3.01	18.30	2.26	0.00	2.26
15.75	2.99	0.00	2.99	18.35	2.25	0.00	2.25
15.80	2.98	0.00	2.98	18.40	2.23	0.00	2.23
15.85	2.96	0.00	2.96	18.45	2.22	0.00	2.22
15.90	2.95	0.00	2.95	18.50	2.21	0.00	2.21
15.95	2.93	0.00	2.93	18.55	2.20	0.00	2.20
16.00	2.92	0.00	2.92	18.60	2.19	0.00	2.19
16.05	2.90	0.00	2.90	18.65	2.18	0.00	2.18
16.10	2.88	0.00	2.88	18.70	2.17	0.00	2.17
16.15	2.87	0.00	2.87	18.75	2.16	0.00	2.16
16.20	2.85	0.00	2.85	18.80	2.16	0.00	2.16
16.25	2.84	0.00	2.84	18.85	2.15	0.00	2.15
16.30	2.82	0.00	2.82	18.90	2.14	0.00	2.14
16.35	2.81	0.00	2.81	18.95	2.13	0.00	2.13
16.40	2.79	0.00	2.79	19.00	2.12	0.00	2.12
16.45	2.78	0.00	2.78	19.05	2.11	0.00	2.11
16.50	2.76	0.00	2.76	19.10	2.10	0.00	2.10
16.55	2.75	0.00	2.75	19.15	2.09	0.00	2.09
16.60	2.73	0.00	2.73	19.20	2.08	0.00	2.08
16.65	2.72	0.00	2.72	19.25	2.07	0.00	2.07
16.70	2.71	0.00	2.71	19.30	2.06	0.00	2.06
16.75	2.69	0.00	2.69	19.35	2.05	0.00	2.05
16.80	2.68	0.00	2.68	19.40	2.04	0.00	2.04
16.85	2.66	0.00	2.66	19.45	2.04	0.00	2.04
16.90	2.65	0.00	2.65	19.50	2.03	0.00	2.03
16.95	2.63	0.00	2.63	19.55	2.02	0.00	2.02
17.00	2.62	0.00	2.62	19.60	2.01	0.00	2.01
17.05	2.61	0.00	2.61	19.65	2.00	0.00	2.00
17.10	2.59	0.00	2.59	19.70	1.99	0.00	1.99
17.15	2.58	0.00	2.58	19.75	1.98	0.00	1.98
17.20	2.56	0.00	2.56	19.80	1.98	0.00	1.98
17.25	2.55	0.00	2.55	19.85	1.97	0.00	1.97
17.30	2.54	0.00	2.54	19.90	1.96	0.00	1.96
17.35	2.52	0.00	2.52	19.95	1.95	0.00	1.95
17.40	2.51	0.00	2.51	20.00	1.94	0.00	1.94
17.45	2.49	0.00	2.49	20.05	1.93	0.00	1.93
17.50	2.48	0.00	2.48	20.10	1.93	0.00	1.93
17.55	2.46	0.00	2.46	20.15	1.92	0.00	1.92
17.60	2.45	0.00	2.45	20.20	1.91	0.00	1.91
17.65	2.44	0.00	2.44	20.25	1.90	0.00	1.90
17.70	2.42	0.00	2.42	20.30	1.89	0.00	1.89
17.75	2.41	0.00	2.41	20.35	1.89	0.00	1.89
17.80	2.39	0.00	2.39	20.40	1.88	0.00	1.88
17.85	2.38	0.00	2.38	20.45	1.87	0.00	1.87
17.90	2.37	0.00	2.37	20.50	1.86	0.00	1.86
17.95	2.35	0.00	2.35	20.55	1.86	0.00	1.86
18.00	2.34	0.00	2.34	20.60	1.85	0.00	1.85
18.05	2.32	0.00	2.32	20.65	1.84	0.00	1.84
18.10	2.31	0.00	2.31	20.70	1.83	0.00	1.83
18.15	2.29	0.00	2.29	20.75	1.83	0.00	1.83

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.82	0.00	1.82	23.40	1.49	0.00	1.49
20.85	1.81	0.00	1.81	23.45	1.48	0.00	1.48
20.90	1.80	0.00	1.80	23.50	1.48	0.00	1.48
20.95	1.80	0.00	1.80	23.55	1.47	0.00	1.47
21.00	1.79	0.00	1.79	23.60	1.47	0.00	1.47
21.05	1.78	0.00	1.78	23.65	1.46	0.00	1.46
21.10	1.78	0.00	1.78	23.70	1.46	0.00	1.46
21.15	1.77	0.00	1.77	23.75	1.45	0.00	1.45
21.20	1.76	0.00	1.76	23.80	1.44	0.00	1.44
21.25	1.76	0.00	1.76	23.85	1.44	0.00	1.44
21.30	1.75	0.00	1.75	23.90	1.43	0.00	1.43
21.35	1.74	0.00	1.74	23.95	1.43	0.00	1.43
21.40	1.74	0.00	1.74	24.00	1.44	0.00	1.44
21.45	1.73	0.00	1.73	24.05	1.44	0.00	1.44
21.50	1.72	0.00	1.72	24.10	1.39	0.00	1.39
21.55	1.72	0.00	1.72	24.15	1.30	0.00	1.30
21.60	1.71	0.00	1.71	24.20	1.23	0.00	1.23
21.65	1.70	0.00	1.70	24.25	1.18	0.00	1.18
21.70	1.70	0.00	1.70	24.30	1.14	0.00	1.14
21.75	1.69	0.00	1.69	24.35	1.12	0.00	1.12
21.80	1.68	0.00	1.68	24.40	1.10	0.00	1.10
21.85	1.68	0.00	1.68	24.45	1.09	0.00	1.09
21.90	1.67	0.00	1.67	24.50	1.07	0.00	1.07
21.95	1.67	0.00	1.67	24.55	1.06	0.00	1.06
22.00	1.66	0.00	1.66	24.60	1.05	0.00	1.05
22.05	1.65	0.00	1.65	24.65	1.03	0.00	1.03
22.10	1.65	0.00	1.65	24.70	1.02	0.00	1.02
22.15	1.64	0.00	1.64	24.75	1.01	0.00	1.01
22.20	1.63	0.00	1.63	24.80	1.00	0.00	1.00
22.25	1.63	0.00	1.63	24.85	0.99	0.00	0.99
22.30	1.62	0.00	1.62	24.90	0.98	0.00	0.98
22.35	1.61	0.00	1.61	24.95	0.97	0.00	0.97
22.40	1.61	0.00	1.61	25.00	0.95	0.00	0.95
22.45	1.60	0.00	1.60	25.05	0.94	0.00	0.94
22.50	1.60	0.00	1.60	25.10	0.94	0.00	0.94
22.55	1.59	0.00	1.59	25.15	0.93	0.00	0.93
22.60	1.58	0.00	1.58	25.20	0.92	0.00	0.92
22.65	1.58	0.00	1.58	25.25	0.91	0.00	0.91
22.70	1.57	0.00	1.57	25.30	0.90	0.00	0.90
22.75	1.57	0.00	1.57	25.35	0.89	0.00	0.89
22.80	1.56	0.00	1.56	25.40	0.88	0.00	0.88
22.85	1.55	0.00	1.55	25.45	0.88	0.00	0.88
22.90	1.55	0.00	1.55	25.50	0.87	0.00	0.87
22.95	1.54	0.00	1.54	25.55	0.86	0.00	0.86
23.00	1.54	0.00	1.54	25.60	0.85	0.00	0.85
23.05	1.53	0.00	1.53	25.65	0.85	0.00	0.85
23.10	1.52	0.00	1.52	25.70	0.84	0.00	0.84
23.15	1.52	0.00	1.52	25.75	0.83	0.00	0.83
23.20	1.51	0.00	1.51	25.80	0.83	0.00	0.83
23.25	1.51	0.00	1.51	25.85	0.82	0.00	0.82
23.30	1.50	0.00	1.50	25.90	0.81	0.00	0.81
23.35	1.49	0.00	1.49	25.95	0.81	0.00	0.81

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.80	0.00	0.80	28.60	0.57	0.00	0.57
26.05	0.79	0.00	0.79	28.65	0.56	0.00	0.56
26.10	0.79	0.00	0.79	28.70	0.56	0.00	0.56
26.15	0.78	0.00	0.78	28.75	0.56	0.00	0.56
26.20	0.78	0.00	0.78	28.80	0.55	0.00	0.55
26.25	0.77	0.00	0.77	28.85	0.55	0.00	0.55
26.30	0.76	0.00	0.76	28.90	0.55	0.00	0.55
26.35	0.76	0.00	0.76	28.95	0.55	0.00	0.55
26.40	0.75	0.00	0.75	29.00	0.54	0.00	0.54
26.45	0.75	0.00	0.75	29.05	0.54	0.00	0.54
26.50	0.74	0.00	0.74	29.10	0.54	0.00	0.54
26.55	0.74	0.00	0.74	29.15	0.53	0.00	0.53
26.60	0.73	0.00	0.73	29.20	0.53	0.00	0.53
26.65	0.73	0.00	0.73	29.25	0.53	0.00	0.53
26.70	0.72	0.00	0.72	29.30	0.52	0.00	0.52
26.75	0.72	0.00	0.72	29.35	0.52	0.00	0.52
26.80	0.71	0.00	0.71	29.40	0.52	0.00	0.52
26.85	0.71	0.00	0.71	29.45	0.52	0.00	0.52
26.90	0.70	0.00	0.70	29.50	0.51	0.00	0.51
26.95	0.70	0.00	0.70	29.55	0.51	0.00	0.51
27.00	0.69	0.00	0.69	29.60	0.51	0.00	0.51
27.05	0.69	0.00	0.69	29.65	0.50	0.00	0.50
27.10	0.68	0.00	0.68	29.70	0.50	0.00	0.50
27.15	0.68	0.00	0.68	29.75	0.50	0.00	0.50
27.20	0.67	0.00	0.67	29.80	0.50	0.00	0.50
27.25	0.67	0.00	0.67	29.85	0.49	0.00	0.49
27.30	0.67	0.00	0.67	29.90	0.49	0.00	0.49
27.35	0.66	0.00	0.66	29.95	0.49	0.00	0.49
27.40	0.66	0.00	0.66	30.00	0.48	0.00	0.48
27.45	0.65	0.00	0.65	30.05	0.48	0.00	0.48
27.50	0.65	0.00	0.65	30.10	0.48	0.00	0.48
27.55	0.65	0.00	0.65	30.15	0.48	0.00	0.48
27.60	0.64	0.00	0.64	30.20	0.47	0.00	0.47
27.65	0.64	0.00	0.64	30.25	0.47	0.00	0.47
27.70	0.63	0.00	0.63	30.30	0.47	0.00	0.47
27.75	0.63	0.00	0.63	30.35	0.47	0.00	0.47
27.80	0.63	0.00	0.63	30.40	0.47	0.00	0.47
27.85	0.62	0.00	0.62	30.45	0.46	0.00	0.46
27.90	0.62	0.00	0.62	30.50	0.46	0.00	0.46
27.95	0.61	0.00	0.61	30.55	0.46	0.00	0.46
28.00	0.61	0.00	0.61	30.60	0.46	0.00	0.46
28.05	0.61	0.00	0.61	30.65	0.45	0.00	0.45
28.10	0.60	0.00	0.60	30.70	0.45	0.00	0.45
28.15	0.60	0.00	0.60	30.75	0.45	0.00	0.45
28.20	0.60	0.00	0.60	30.80	0.45	0.00	0.45
28.25	0.59	0.00	0.59	30.85	0.44	0.00	0.44
28.30	0.59	0.00	0.59	30.90	0.44	0.00	0.44
28.35	0.59	0.00	0.59	30.95	0.44	0.00	0.44
28.40	0.58	0.00	0.58	31.00	0.44	0.00	0.44
28.45	0.58	0.00	0.58	31.05	0.44	0.00	0.44
28.50	0.58	0.00	0.58	31.10	0.43	0.00	0.43
28.55	0.57	0.00	0.57	31.15	0.43	0.00	0.43

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.43	0.00	0.43	33.80	0.33	0.00	0.33
31.25	0.43	0.00	0.43	33.85	0.33	0.00	0.33
31.30	0.42	0.00	0.42	33.90	0.33	0.00	0.33
31.35	0.42	0.00	0.42	33.95	0.32	0.00	0.32
31.40	0.42	0.00	0.42	34.00	0.32	0.00	0.32
31.45	0.42	0.00	0.42	34.05	0.32	0.00	0.32
31.50	0.42	0.00	0.42	34.10	0.32	0.00	0.32
31.55	0.41	0.00	0.41	34.15	0.32	0.00	0.32
31.60	0.41	0.00	0.41	34.20	0.31	0.00	0.31
31.65	0.41	0.00	0.41	34.25	0.31	0.00	0.31
31.70	0.41	0.00	0.41	34.30	0.31	0.00	0.31
31.75	0.41	0.00	0.41	34.35	0.31	0.00	0.31
31.80	0.40	0.00	0.40	34.40	0.31	0.00	0.31
31.85	0.40	0.00	0.40	34.45	0.31	0.00	0.31
31.90	0.40	0.00	0.40	34.50	0.30	0.00	0.30
31.95	0.40	0.00	0.40	34.55	0.30	0.00	0.30
32.00	0.40	0.00	0.40	34.60	0.30	0.00	0.30
32.05	0.39	0.00	0.39	34.65	0.30	0.00	0.30
32.10	0.39	0.00	0.39	34.70	0.30	0.00	0.30
32.15	0.39	0.00	0.39	34.75	0.30	0.00	0.30
32.20	0.39	0.00	0.39	34.80	0.29	0.00	0.29
32.25	0.39	0.00	0.39	34.85	0.29	0.00	0.29
32.30	0.38	0.00	0.38	34.90	0.29	0.00	0.29
32.35	0.38	0.00	0.38	34.95	0.29	0.00	0.29
32.40	0.38	0.00	0.38	35.00	0.29	0.00	0.29
32.45	0.38	0.00	0.38	35.05	0.28	0.00	0.28
32.50	0.38	0.00	0.38	35.10	0.28	0.00	0.28
32.55	0.37	0.00	0.37	35.15	0.28	0.00	0.28
32.60	0.37	0.00	0.37	35.20	0.28	0.00	0.28
32.65	0.37	0.00	0.37	35.25	0.28	0.00	0.28
32.70	0.37	0.00	0.37	35.30	0.28	0.00	0.28
32.75	0.37	0.00	0.37	35.35	0.27	0.00	0.27
32.80	0.36	0.00	0.36	35.40	0.27	0.00	0.27
32.85	0.36	0.00	0.36	35.45	0.27	0.00	0.27
32.90	0.36	0.00	0.36	35.50	0.27	0.00	0.27
32.95	0.36	0.00	0.36	35.55	0.27	0.00	0.27
33.00	0.36	0.00	0.36	35.60	0.27	0.00	0.27
33.05	0.36	0.00	0.36	35.65	0.26	0.00	0.26
33.10	0.35	0.00	0.35	35.70	0.26	0.00	0.26
33.15	0.35	0.00	0.35	35.75	0.26	0.00	0.26
33.20	0.35	0.00	0.35	35.80	0.26	0.00	0.26
33.25	0.35	0.00	0.35	35.85	0.26	0.00	0.26
33.30	0.35	0.00	0.35	35.90	0.26	0.00	0.26
33.35	0.34	0.00	0.34	35.95	0.25	0.00	0.25
33.40	0.34	0.00	0.34	36.00	0.25	0.00	0.25
33.45	0.34	0.00	0.34	36.05	0.25	0.00	0.25
33.50	0.34	0.00	0.34	36.10	0.25	0.00	0.25
33.55	0.34	0.00	0.34	36.15	0.25	0.00	0.25
33.60	0.34	0.00	0.34	36.20	0.25	0.00	0.25
33.65	0.33	0.00	0.33	36.25	0.24	0.00	0.24
33.70	0.33	0.00	0.33	36.30	0.24	0.00	0.24
33.75	0.33	0.00	0.33	36.35	0.24	0.00	0.24

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.24	0.00	0.24	39.00	0.16	0.00	0.16
36.45	0.24	0.00	0.24	39.05	0.15	0.00	0.15
36.50	0.24	0.00	0.24	39.10	0.15	0.00	0.15
36.55	0.23	0.00	0.23	39.15	0.15	0.00	0.15
36.60	0.23	0.00	0.23	39.20	0.15	0.00	0.15
36.65	0.23	0.00	0.23	39.25	0.15	0.00	0.15
36.70	0.23	0.00	0.23	39.30	0.15	0.00	0.15
36.75	0.23	0.00	0.23	39.35	0.15	0.00	0.15
36.80	0.23	0.00	0.23	39.40	0.14	0.00	0.14
36.85	0.22	0.00	0.22	39.45	0.14	0.00	0.14
36.90	0.22	0.00	0.22	39.50	0.14	0.00	0.14
36.95	0.22	0.00	0.22	39.55	0.14	0.00	0.14
37.00	0.22	0.00	0.22	39.60	0.14	0.00	0.14
37.05	0.22	0.00	0.22	39.65	0.14	0.00	0.14
37.10	0.22	0.00	0.22	39.70	0.14	0.00	0.14
37.15	0.21	0.00	0.21	39.75	0.14	0.00	0.14
37.20	0.21	0.00	0.21	39.80	0.13	0.00	0.13
37.25	0.21	0.00	0.21	39.85	0.13	0.00	0.13
37.30	0.21	0.00	0.21	39.90	0.13	0.00	0.13
37.35	0.21	0.00	0.21	39.95	0.13	0.00	0.13
37.40	0.20	0.00	0.20	40.00	0.13	0.00	0.13
37.45	0.20	0.00	0.20				
37.50	0.20	0.00	0.20				
37.55	0.20	0.00	0.20				
37.60	0.20	0.00	0.20				
37.65	0.20	0.00	0.20				
37.70	0.20	0.00	0.20				
37.75	0.19	0.00	0.19				
37.80	0.19	0.00	0.19				
37.85	0.19	0.00	0.19				
37.90	0.19	0.00	0.19				
37.95	0.19	0.00	0.19				
38.00	0.19	0.00	0.19				
38.05	0.18	0.00	0.18				
38.10	0.18	0.00	0.18				
38.15	0.18	0.00	0.18				
38.20	0.18	0.00	0.18				
38.25	0.18	0.00	0.18				
38.30	0.18	0.00	0.18				
38.35	0.17	0.00	0.17				
38.40	0.17	0.00	0.17				
38.45	0.17	0.00	0.17				
38.50	0.17	0.00	0.17				
38.55	0.17	0.00	0.17				
38.60	0.17	0.00	0.17				
38.65	0.17	0.00	0.17				
38.70	0.16	0.00	0.16				
38.75	0.16	0.00	0.16				
38.80	0.16	0.00	0.16				
38.85	0.16	0.00	0.16				
38.90	0.16	0.00	0.16				
38.95	0.16	0.00	0.16				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 2.08 cfs @ 12.17 hrs, Volume= 0.181 af, Depth= 4.83"
 Routed to Pond B-18 : Basin #18

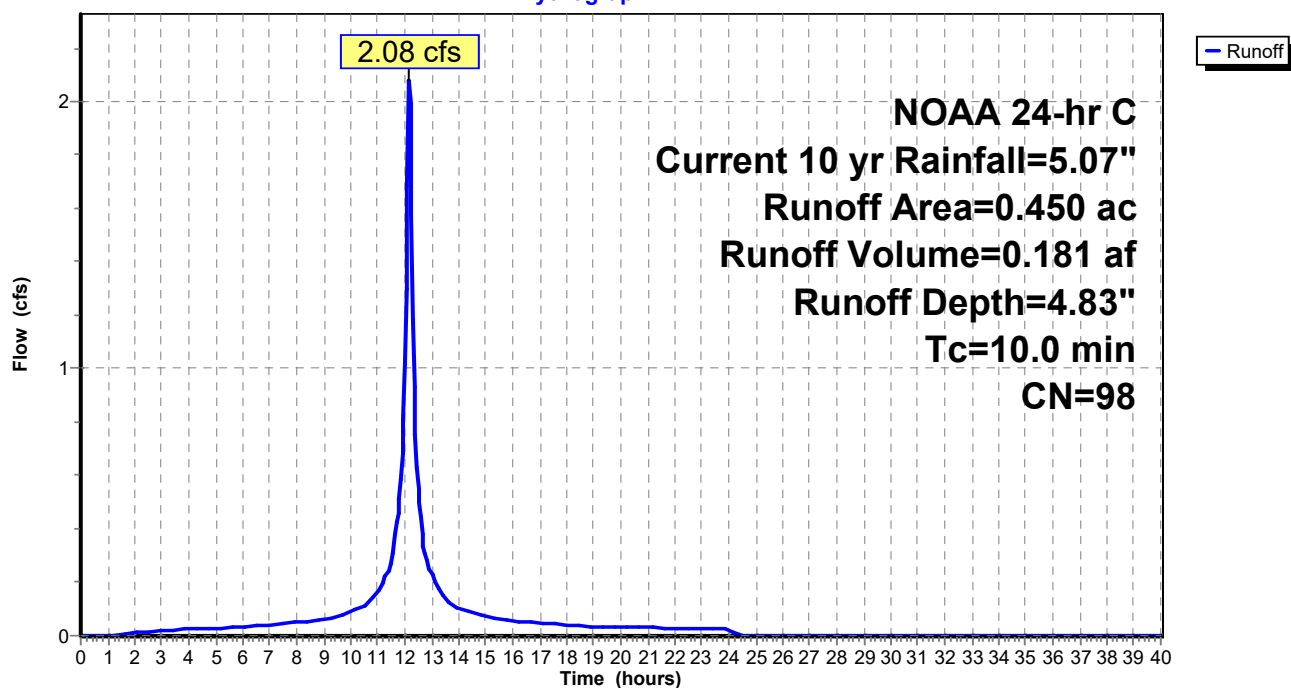
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.03	7.80	0.58	0.39	0.05
5.25	0.34	0.18	0.03	7.85	0.59	0.40	0.05
5.30	0.35	0.18	0.03	7.90	0.60	0.41	0.05
5.35	0.35	0.19	0.03	7.95	0.60	0.41	0.05
5.40	0.35	0.19	0.03	8.00	0.61	0.42	0.05
5.45	0.36	0.19	0.03	8.05	0.61	0.42	0.05
5.50	0.36	0.20	0.03	8.10	0.62	0.43	0.05
5.55	0.37	0.20	0.03	8.15	0.63	0.43	0.05
5.60	0.37	0.20	0.03	8.20	0.63	0.44	0.05
5.65	0.37	0.21	0.03	8.25	0.64	0.45	0.05
5.70	0.38	0.21	0.03	8.30	0.65	0.45	0.05
5.75	0.38	0.21	0.03	8.35	0.65	0.46	0.05
5.80	0.39	0.22	0.03	8.40	0.66	0.46	0.05
5.85	0.39	0.22	0.03	8.45	0.66	0.47	0.05
5.90	0.39	0.22	0.03	8.50	0.67	0.48	0.06
5.95	0.40	0.23	0.03	8.55	0.68	0.48	0.06
6.00	0.40	0.23	0.03	8.60	0.68	0.49	0.06
6.05	0.41	0.23	0.03	8.65	0.69	0.50	0.06
6.10	0.41	0.24	0.03	8.70	0.70	0.50	0.06
6.15	0.41	0.24	0.03	8.75	0.71	0.51	0.06
6.20	0.42	0.25	0.03	8.80	0.71	0.51	0.06
6.25	0.42	0.25	0.03	8.85	0.72	0.52	0.06
6.30	0.43	0.25	0.03	8.90	0.73	0.53	0.06
6.35	0.43	0.26	0.03	8.95	0.73	0.53	0.06
6.40	0.44	0.26	0.03	9.00	0.74	0.54	0.06
6.45	0.44	0.27	0.04	9.05	0.75	0.55	0.06
6.50	0.45	0.27	0.04	9.10	0.76	0.56	0.06
6.55	0.45	0.27	0.04	9.15	0.76	0.56	0.06
6.60	0.46	0.28	0.04	9.20	0.77	0.57	0.06
6.65	0.46	0.28	0.04	9.25	0.78	0.58	0.07
6.70	0.46	0.29	0.04	9.30	0.79	0.59	0.07
6.75	0.47	0.29	0.04	9.35	0.80	0.59	0.07
6.80	0.47	0.29	0.04	9.40	0.80	0.60	0.07
6.85	0.48	0.30	0.04	9.45	0.81	0.61	0.07
6.90	0.48	0.30	0.04	9.50	0.82	0.62	0.07
6.95	0.49	0.31	0.04	9.55	0.83	0.63	0.08
7.00	0.49	0.31	0.04	9.60	0.84	0.64	0.08
7.05	0.50	0.32	0.04	9.65	0.85	0.65	0.08
7.10	0.50	0.32	0.04	9.70	0.86	0.66	0.08
7.15	0.51	0.33	0.04	9.75	0.87	0.67	0.08
7.20	0.52	0.33	0.04	9.80	0.88	0.68	0.08
7.25	0.52	0.34	0.04	9.85	0.89	0.69	0.09
7.30	0.53	0.34	0.04	9.90	0.90	0.70	0.09
7.35	0.53	0.35	0.04	9.95	0.91	0.71	0.09
7.40	0.54	0.35	0.04	10.00	0.92	0.72	0.09
7.45	0.54	0.36	0.05	10.05	0.94	0.73	0.09
7.50	0.55	0.36	0.05	10.10	0.95	0.74	0.10
7.55	0.55	0.37	0.05	10.15	0.96	0.75	0.10
7.60	0.56	0.37	0.05	10.20	0.97	0.76	0.10
7.65	0.57	0.38	0.05	10.25	0.98	0.77	0.10
7.70	0.57	0.38	0.05	10.30	0.99	0.79	0.10
7.75	0.58	0.39	0.05	10.35	1.01	0.80	0.10

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.11	13.00	3.85	3.62	0.23
10.45	1.03	0.82	0.11	13.05	3.87	3.64	0.22
10.50	1.04	0.83	0.11	13.10	3.89	3.66	0.21
10.55	1.06	0.85	0.11	13.15	3.91	3.68	0.20
10.60	1.07	0.86	0.12	13.20	3.93	3.70	0.19
10.65	1.09	0.88	0.12	13.25	3.95	3.71	0.18
10.70	1.10	0.89	0.13	13.30	3.97	3.73	0.17
10.75	1.12	0.91	0.13	13.35	3.98	3.75	0.16
10.80	1.14	0.93	0.14	13.40	4.00	3.76	0.16
10.85	1.16	0.94	0.14	13.45	4.01	3.78	0.15
10.90	1.18	0.96	0.15	13.50	4.03	3.79	0.14
10.95	1.20	0.98	0.16	13.55	4.04	3.80	0.14
11.00	1.22	1.00	0.16	13.60	4.05	3.82	0.13
11.05	1.24	1.02	0.17	13.65	4.06	3.83	0.12
11.10	1.26	1.05	0.18	13.70	4.08	3.84	0.12
11.15	1.29	1.07	0.19	13.75	4.09	3.85	0.12
11.20	1.31	1.10	0.20	13.80	4.10	3.86	0.11
11.25	1.34	1.12	0.21	13.85	4.11	3.88	0.11
11.30	1.37	1.15	0.23	13.90	4.12	3.89	0.11
11.35	1.40	1.18	0.24	13.95	4.13	3.90	0.11
11.40	1.43	1.21	0.25	14.00	4.15	3.91	0.11
11.45	1.47	1.25	0.26	14.05	4.16	3.92	0.10
11.50	1.50	1.28	0.27	14.10	4.17	3.93	0.10
11.55	1.55	1.33	0.29	14.15	4.18	3.94	0.10
11.60	1.60	1.38	0.33	14.20	4.19	3.95	0.10
11.65	1.65	1.43	0.38	14.25	4.20	3.96	0.10
11.70	1.71	1.49	0.43	14.30	4.21	3.97	0.10
11.75	1.78	1.56	0.46	14.35	4.22	3.98	0.09
11.80	1.86	1.63	0.51	14.40	4.23	3.99	0.09
11.85	1.96	1.73	0.58	14.45	4.24	4.00	0.09
11.90	2.06	1.84	0.68	14.50	4.25	4.01	0.09
11.95	2.24	2.01	0.81	14.55	4.26	4.02	0.09
12.00	2.42	2.19	1.02	14.60	4.27	4.03	0.09
12.05	2.71	2.48	1.30	14.65	4.27	4.04	0.08
12.10	3.01	2.78	1.68	14.70	4.28	4.05	0.08
12.15	3.11	2.88	2.05	14.75	4.29	4.06	0.08
12.20	3.21	2.98	1.99	14.80	4.30	4.06	0.08
12.25	3.29	3.05	1.58	14.85	4.31	4.07	0.08
12.30	3.36	3.13	1.19	14.90	4.31	4.08	0.07
12.35	3.42	3.18	0.93	14.95	4.32	4.09	0.07
12.40	3.47	3.24	0.76	15.00	4.33	4.09	0.07
12.45	3.52	3.29	0.63	15.05	4.34	4.10	0.07
12.50	3.57	3.34	0.55	15.10	4.34	4.11	0.07
12.55	3.60	3.37	0.50	15.15	4.35	4.12	0.07
12.60	3.64	3.40	0.44	15.20	4.36	4.12	0.07
12.65	3.67	3.43	0.38	15.25	4.36	4.13	0.06
12.70	3.70	3.47	0.33	15.30	4.37	4.14	0.06
12.75	3.73	3.49	0.31	15.35	4.38	4.14	0.06
12.80	3.76	3.52	0.29	15.40	4.39	4.15	0.06
12.85	3.78	3.55	0.27	15.45	4.39	4.16	0.06
12.90	3.81	3.57	0.26	15.50	4.40	4.16	0.06
12.95	3.83	3.60	0.25	15.55	4.41	4.17	0.06

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.06	18.20	4.68	4.45	0.04
15.65	4.42	4.18	0.06	18.25	4.69	4.45	0.04
15.70	4.42	4.19	0.06	18.30	4.69	4.46	0.04
15.75	4.43	4.20	0.06	18.35	4.70	4.46	0.04
15.80	4.44	4.20	0.06	18.40	4.70	4.46	0.04
15.85	4.44	4.21	0.06	18.45	4.70	4.47	0.04
15.90	4.45	4.21	0.06	18.50	4.71	4.47	0.04
15.95	4.46	4.22	0.06	18.55	4.71	4.48	0.04
16.00	4.46	4.23	0.06	18.60	4.72	4.48	0.04
16.05	4.47	4.23	0.06	18.65	4.72	4.48	0.04
16.10	4.47	4.24	0.06	18.70	4.72	4.49	0.04
16.15	4.48	4.24	0.06	18.75	4.73	4.49	0.04
16.20	4.49	4.25	0.06	18.80	4.73	4.50	0.04
16.25	4.49	4.26	0.05	18.85	4.74	4.50	0.04
16.30	4.50	4.26	0.05	18.90	4.74	4.50	0.04
16.35	4.50	4.27	0.05	18.95	4.74	4.51	0.04
16.40	4.51	4.27	0.05	19.00	4.75	4.51	0.04
16.45	4.52	4.28	0.05	19.05	4.75	4.51	0.04
16.50	4.52	4.29	0.05	19.10	4.76	4.52	0.03
16.55	4.53	4.29	0.05	19.15	4.76	4.52	0.03
16.60	4.53	4.30	0.05	19.20	4.76	4.53	0.03
16.65	4.54	4.30	0.05	19.25	4.77	4.53	0.03
16.70	4.54	4.31	0.05	19.30	4.77	4.53	0.03
16.75	4.55	4.31	0.05	19.35	4.77	4.54	0.03
16.80	4.55	4.32	0.05	19.40	4.78	4.54	0.03
16.85	4.56	4.32	0.05	19.45	4.78	4.55	0.03
16.90	4.57	4.33	0.05	19.50	4.79	4.55	0.03
16.95	4.57	4.33	0.05	19.55	4.79	4.55	0.03
17.00	4.58	4.34	0.05	19.60	4.79	4.56	0.03
17.05	4.58	4.34	0.05	19.65	4.80	4.56	0.03
17.10	4.59	4.35	0.05	19.70	4.80	4.56	0.03
17.15	4.59	4.35	0.05	19.75	4.80	4.57	0.03
17.20	4.60	4.36	0.05	19.80	4.81	4.57	0.03
17.25	4.60	4.36	0.05	19.85	4.81	4.57	0.03
17.30	4.61	4.37	0.05	19.90	4.81	4.58	0.03
17.35	4.61	4.37	0.04	19.95	4.82	4.58	0.03
17.40	4.61	4.38	0.04	20.00	4.82	4.59	0.03
17.45	4.62	4.38	0.04	20.05	4.83	4.59	0.03
17.50	4.62	4.39	0.04	20.10	4.83	4.59	0.03
17.55	4.63	4.39	0.04	20.15	4.83	4.60	0.03
17.60	4.63	4.40	0.04	20.20	4.84	4.60	0.03
17.65	4.64	4.40	0.04	20.25	4.84	4.60	0.03
17.70	4.64	4.41	0.04	20.30	4.84	4.61	0.03
17.75	4.65	4.41	0.04	20.35	4.85	4.61	0.03
17.80	4.65	4.42	0.04	20.40	4.85	4.61	0.03
17.85	4.66	4.42	0.04	20.45	4.85	4.62	0.03
17.90	4.66	4.42	0.04	20.50	4.86	4.62	0.03
17.95	4.66	4.43	0.04	20.55	4.86	4.62	0.03
18.00	4.67	4.43	0.04	20.60	4.86	4.63	0.03
18.05	4.67	4.44	0.04	20.65	4.87	4.63	0.03
18.10	4.68	4.44	0.04	20.70	4.87	4.63	0.03
18.15	4.68	4.44	0.04	20.75	4.87	4.64	0.03

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.03	23.40	5.04	4.80	0.03
20.85	4.88	4.64	0.03	23.45	5.04	4.80	0.03
20.90	4.88	4.65	0.03	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.03	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.03	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.03	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.03	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.03	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.03	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.03	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.03	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.03	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.03	24.00	5.07	4.83	0.03
21.45	4.92	4.68	0.03	24.05	5.07	4.83	0.03
21.50	4.92	4.69	0.03	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.03	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.03	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.03	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.03	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.03	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.03	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.03	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.03	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.03	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.03	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.03	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.03	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.03	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.03	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.03	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.03	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.03	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.03	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.03	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.03	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.03	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.03	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.03	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.03	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.03	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.03	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.03	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.03	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.03	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.03	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.03	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.03	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.03	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.03	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.03	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.03	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.03	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 2.57 cfs @ 12.18 hrs, Volume= 0.194 af, Depth= 2.42"
 Routed to Pond B-18 : Basin #18

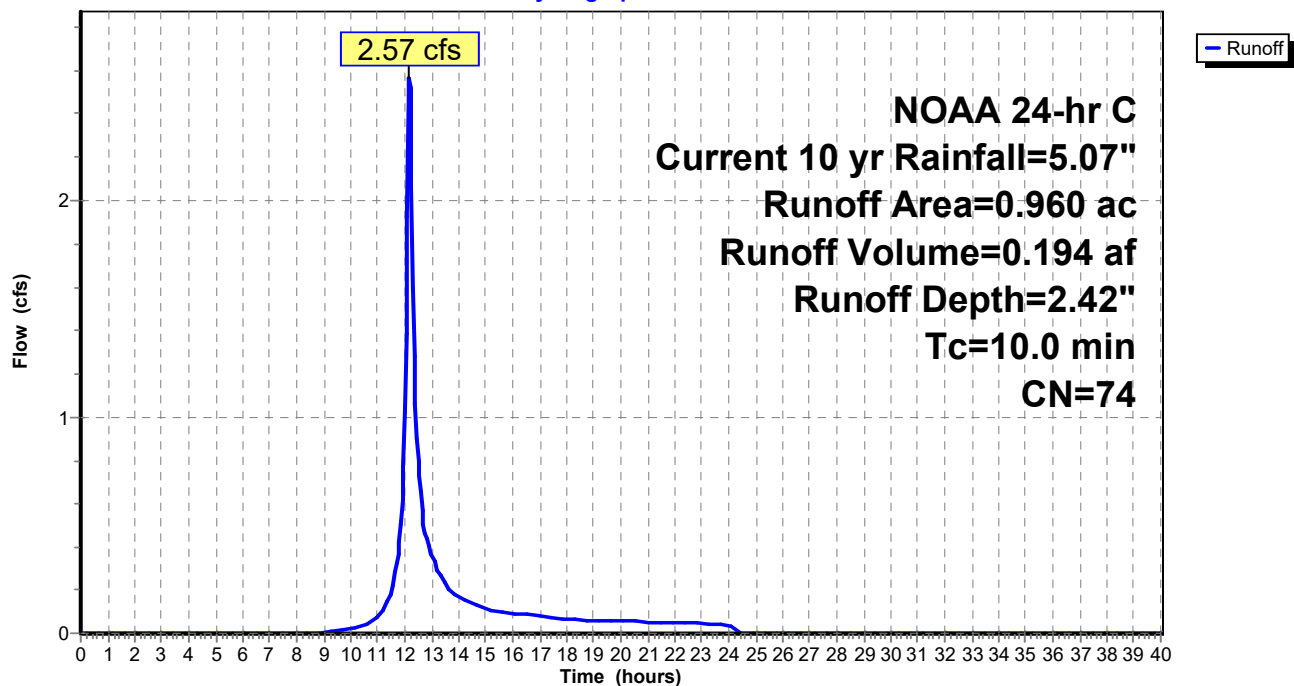
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.36
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.34
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.32
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.30
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.29
10.65	1.09	0.04	0.04	13.25	3.95	1.56	0.28
10.70	1.10	0.04	0.05	13.30	3.97	1.57	0.26
10.75	1.12	0.04	0.05	13.35	3.98	1.58	0.25
10.80	1.14	0.05	0.06	13.40	4.00	1.59	0.24
10.85	1.16	0.05	0.06	13.45	4.01	1.60	0.23
10.90	1.18	0.06	0.07	13.50	4.03	1.61	0.22
10.95	1.20	0.06	0.07	13.55	4.04	1.62	0.21
11.00	1.22	0.07	0.08	13.60	4.05	1.63	0.20
11.05	1.24	0.07	0.08	13.65	4.06	1.64	0.19
11.10	1.26	0.08	0.09	13.70	4.08	1.65	0.19
11.15	1.29	0.08	0.10	13.75	4.09	1.66	0.18
11.20	1.31	0.09	0.11	13.80	4.10	1.67	0.18
11.25	1.34	0.10	0.12	13.85	4.11	1.68	0.18
11.30	1.37	0.11	0.13	13.90	4.12	1.69	0.17
11.35	1.40	0.12	0.14	13.95	4.13	1.70	0.17
11.40	1.43	0.13	0.16	14.00	4.15	1.70	0.17
11.45	1.47	0.14	0.17	14.05	4.16	1.71	0.17
11.50	1.50	0.15	0.18	14.10	4.17	1.72	0.16
11.55	1.55	0.16	0.20	14.15	4.18	1.73	0.16
11.60	1.60	0.18	0.23	14.20	4.19	1.74	0.16
11.65	1.65	0.20	0.28	14.25	4.20	1.74	0.16
11.70	1.71	0.22	0.33	14.30	4.21	1.75	0.15
11.75	1.78	0.25	0.37	14.35	4.22	1.76	0.15
11.80	1.86	0.29	0.42	14.40	4.23	1.77	0.15
11.85	1.96	0.33	0.51	14.45	4.24	1.77	0.14
11.90	2.06	0.38	0.62	14.50	4.25	1.78	0.14
11.95	2.24	0.47	0.77	14.55	4.26	1.79	0.14
12.00	2.42	0.56	1.02	14.60	4.27	1.79	0.14
12.05	2.71	0.73	1.39	14.65	4.27	1.80	0.13
12.10	3.01	0.91	1.92	14.70	4.28	1.81	0.13
12.15	3.11	0.98	2.49	14.75	4.29	1.81	0.13
12.20	3.21	1.05	2.52	14.80	4.30	1.82	0.13
12.25	3.29	1.10	2.06	14.85	4.31	1.82	0.12
12.30	3.36	1.15	1.60	14.90	4.31	1.83	0.12
12.35	3.42	1.18	1.28	14.95	4.32	1.84	0.12
12.40	3.47	1.22	1.06	15.00	4.33	1.84	0.12
12.45	3.52	1.25	0.90	15.05	4.34	1.85	0.11
12.50	3.57	1.29	0.80	15.10	4.34	1.85	0.11
12.55	3.60	1.31	0.73	15.15	4.35	1.86	0.11
12.60	3.64	1.34	0.66	15.20	4.36	1.86	0.11
12.65	3.67	1.36	0.57	15.25	4.36	1.87	0.10
12.70	3.70	1.38	0.50	15.30	4.37	1.87	0.10
12.75	3.73	1.40	0.46	15.35	4.38	1.88	0.10
12.80	3.76	1.42	0.43	15.40	4.39	1.88	0.10
12.85	3.78	1.44	0.41	15.45	4.39	1.89	0.10
12.90	3.81	1.46	0.39	15.50	4.40	1.89	0.10
12.95	3.83	1.47	0.37	15.55	4.41	1.90	0.10

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.10	18.20	4.68	2.12	0.06
15.65	4.42	1.91	0.10	18.25	4.69	2.12	0.06
15.70	4.42	1.91	0.10	18.30	4.69	2.12	0.06
15.75	4.43	1.92	0.10	18.35	4.70	2.12	0.06
15.80	4.44	1.92	0.10	18.40	4.70	2.13	0.06
15.85	4.44	1.93	0.10	18.45	4.70	2.13	0.06
15.90	4.45	1.93	0.09	18.50	4.71	2.13	0.06
15.95	4.46	1.94	0.09	18.55	4.71	2.14	0.06
16.00	4.46	1.94	0.09	18.60	4.72	2.14	0.06
16.05	4.47	1.95	0.09	18.65	4.72	2.14	0.06
16.10	4.47	1.95	0.09	18.70	4.72	2.15	0.06
16.15	4.48	1.96	0.09	18.75	4.73	2.15	0.06
16.20	4.49	1.96	0.09	18.80	4.73	2.15	0.06
16.25	4.49	1.97	0.09	18.85	4.74	2.16	0.06
16.30	4.50	1.97	0.09	18.90	4.74	2.16	0.06
16.35	4.50	1.98	0.09	18.95	4.74	2.16	0.06
16.40	4.51	1.98	0.09	19.00	4.75	2.16	0.06
16.45	4.52	1.98	0.09	19.05	4.75	2.17	0.06
16.50	4.52	1.99	0.09	19.10	4.76	2.17	0.06
16.55	4.53	1.99	0.09	19.15	4.76	2.17	0.06
16.60	4.53	2.00	0.08	19.20	4.76	2.18	0.06
16.65	4.54	2.00	0.08	19.25	4.77	2.18	0.06
16.70	4.54	2.01	0.08	19.30	4.77	2.18	0.06
16.75	4.55	2.01	0.08	19.35	4.77	2.19	0.06
16.80	4.55	2.01	0.08	19.40	4.78	2.19	0.06
16.85	4.56	2.02	0.08	19.45	4.78	2.19	0.06
16.90	4.57	2.02	0.08	19.50	4.79	2.19	0.06
16.95	4.57	2.03	0.08	19.55	4.79	2.20	0.06
17.00	4.58	2.03	0.08	19.60	4.79	2.20	0.06
17.05	4.58	2.03	0.08	19.65	4.80	2.20	0.06
17.10	4.59	2.04	0.08	19.70	4.80	2.21	0.06
17.15	4.59	2.04	0.08	19.75	4.80	2.21	0.06
17.20	4.60	2.05	0.08	19.80	4.81	2.21	0.06
17.25	4.60	2.05	0.08	19.85	4.81	2.21	0.06
17.30	4.61	2.05	0.07	19.90	4.81	2.22	0.06
17.35	4.61	2.06	0.07	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.07	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.07	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.07	20.10	4.83	2.23	0.05
17.55	4.63	2.07	0.07	20.15	4.83	2.23	0.05
17.60	4.63	2.08	0.07	20.20	4.84	2.23	0.05
17.65	4.64	2.08	0.07	20.25	4.84	2.24	0.05
17.70	4.64	2.08	0.07	20.30	4.84	2.24	0.05
17.75	4.65	2.09	0.07	20.35	4.85	2.24	0.05
17.80	4.65	2.09	0.07	20.40	4.85	2.25	0.05
17.85	4.66	2.09	0.07	20.45	4.85	2.25	0.05
17.90	4.66	2.10	0.07	20.50	4.86	2.25	0.05
17.95	4.66	2.10	0.07	20.55	4.86	2.25	0.05
18.00	4.67	2.10	0.06	20.60	4.86	2.26	0.05
18.05	4.67	2.11	0.06	20.65	4.87	2.26	0.05
18.10	4.68	2.11	0.06	20.70	4.87	2.26	0.05
18.15	4.68	2.11	0.06	20.75	4.87	2.26	0.05

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.05	23.40	5.04	2.39	0.04
20.85	4.88	2.27	0.05	23.45	5.04	2.40	0.04
20.90	4.88	2.27	0.05	23.50	5.04	2.40	0.04
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.05	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.05	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.05	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.05	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.05	24.00	5.07	2.42	0.04
21.45	4.92	2.30	0.05	24.05	5.07	2.42	0.04
21.50	4.92	2.30	0.05	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.05	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.05	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.05	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.05	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.05	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.05	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.05	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.05	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.05	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.05	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.05	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.05	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.05	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.05	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.05	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.04	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.04	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.04	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.04	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.04	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.04	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.04	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.04	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.04	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.04	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.04	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 19I: PDA-19 (impervious)

Runoff = 2.76 cfs @ 12.17 hrs, Volume= 0.240 af, Depth= 4.83"
 Routed to Pond B-19 : Basin #19

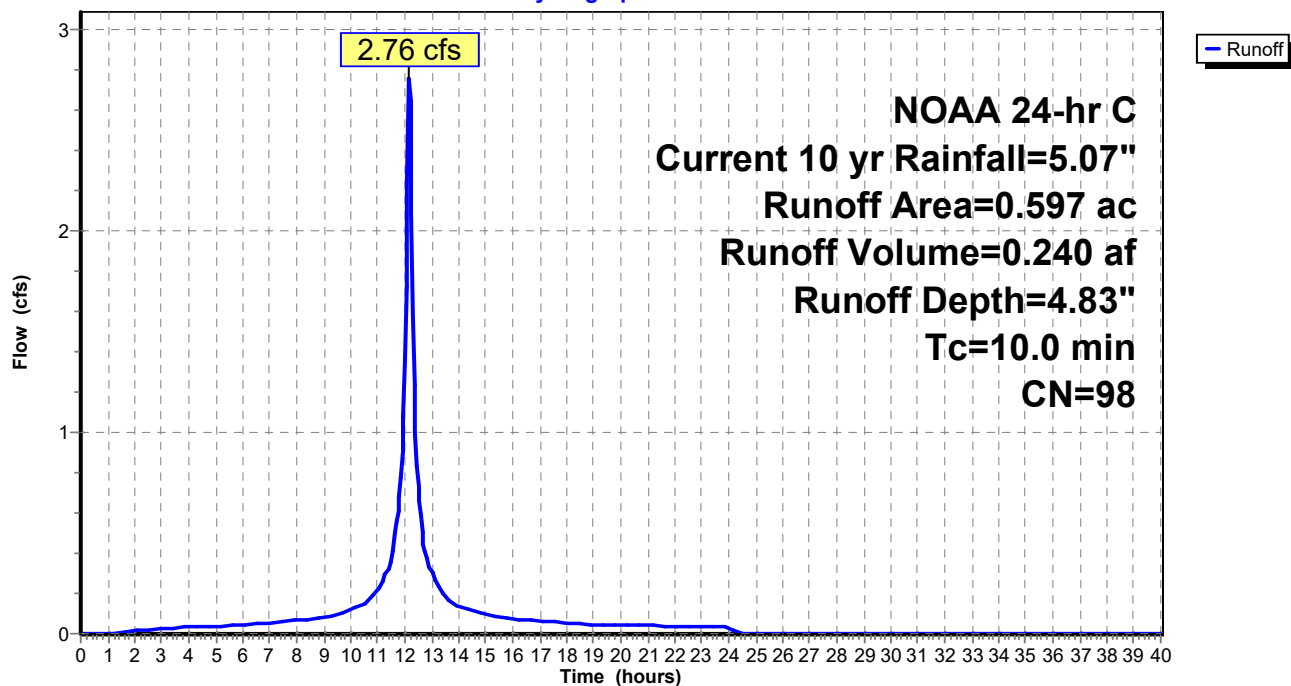
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.132	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.015	98	Concrete, HSG C
0.597	98	Weighted Average
0.597		100.00% Impervious Area

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



Hydrograph for Subcatchment 19I: PDA-19 (impervious)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.04	7.80	0.58	0.39	0.06
5.25	0.34	0.18	0.04	7.85	0.59	0.40	0.06
5.30	0.35	0.18	0.04	7.90	0.60	0.41	0.07
5.35	0.35	0.19	0.04	7.95	0.60	0.41	0.07
5.40	0.35	0.19	0.04	8.00	0.61	0.42	0.07
5.45	0.36	0.19	0.04	8.05	0.61	0.42	0.07
5.50	0.36	0.20	0.04	8.10	0.62	0.43	0.07
5.55	0.37	0.20	0.04	8.15	0.63	0.43	0.07
5.60	0.37	0.20	0.04	8.20	0.63	0.44	0.07
5.65	0.37	0.21	0.04	8.25	0.64	0.45	0.07
5.70	0.38	0.21	0.04	8.30	0.65	0.45	0.07
5.75	0.38	0.21	0.04	8.35	0.65	0.46	0.07
5.80	0.39	0.22	0.04	8.40	0.66	0.46	0.07
5.85	0.39	0.22	0.04	8.45	0.66	0.47	0.07
5.90	0.39	0.22	0.04	8.50	0.67	0.48	0.07
5.95	0.40	0.23	0.04	8.55	0.68	0.48	0.07
6.00	0.40	0.23	0.04	8.60	0.68	0.49	0.07
6.05	0.41	0.23	0.04	8.65	0.69	0.50	0.08
6.10	0.41	0.24	0.04	8.70	0.70	0.50	0.08
6.15	0.41	0.24	0.04	8.75	0.71	0.51	0.08
6.20	0.42	0.25	0.04	8.80	0.71	0.51	0.08
6.25	0.42	0.25	0.04	8.85	0.72	0.52	0.08
6.30	0.43	0.25	0.05	8.90	0.73	0.53	0.08
6.35	0.43	0.26	0.05	8.95	0.73	0.53	0.08
6.40	0.44	0.26	0.05	9.00	0.74	0.54	0.08
6.45	0.44	0.27	0.05	9.05	0.75	0.55	0.08
6.50	0.45	0.27	0.05	9.10	0.76	0.56	0.08
6.55	0.45	0.27	0.05	9.15	0.76	0.56	0.08
6.60	0.46	0.28	0.05	9.20	0.77	0.57	0.09
6.65	0.46	0.28	0.05	9.25	0.78	0.58	0.09
6.70	0.46	0.29	0.05	9.30	0.79	0.59	0.09
6.75	0.47	0.29	0.05	9.35	0.80	0.59	0.09
6.80	0.47	0.29	0.05	9.40	0.80	0.60	0.09
6.85	0.48	0.30	0.05	9.45	0.81	0.61	0.10
6.90	0.48	0.30	0.05	9.50	0.82	0.62	0.10
6.95	0.49	0.31	0.05	9.55	0.83	0.63	0.10
7.00	0.49	0.31	0.05	9.60	0.84	0.64	0.10
7.05	0.50	0.32	0.05	9.65	0.85	0.65	0.11
7.10	0.50	0.32	0.06	9.70	0.86	0.66	0.11
7.15	0.51	0.33	0.06	9.75	0.87	0.67	0.11
7.20	0.52	0.33	0.06	9.80	0.88	0.68	0.11
7.25	0.52	0.34	0.06	9.85	0.89	0.69	0.11
7.30	0.53	0.34	0.06	9.90	0.90	0.70	0.12
7.35	0.53	0.35	0.06	9.95	0.91	0.71	0.12
7.40	0.54	0.35	0.06	10.00	0.92	0.72	0.12
7.45	0.54	0.36	0.06	10.05	0.94	0.73	0.12
7.50	0.55	0.36	0.06	10.10	0.95	0.74	0.13
7.55	0.55	0.37	0.06	10.15	0.96	0.75	0.13
7.60	0.56	0.37	0.06	10.20	0.97	0.76	0.13
7.65	0.57	0.38	0.06	10.25	0.98	0.77	0.13
7.70	0.57	0.38	0.06	10.30	0.99	0.79	0.14
7.75	0.58	0.39	0.06	10.35	1.01	0.80	0.14

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.14	13.00	3.85	3.62	0.31
10.45	1.03	0.82	0.14	13.05	3.87	3.64	0.29
10.50	1.04	0.83	0.14	13.10	3.89	3.66	0.28
10.55	1.06	0.85	0.15	13.15	3.91	3.68	0.26
10.60	1.07	0.86	0.15	13.20	3.93	3.70	0.25
10.65	1.09	0.88	0.16	13.25	3.95	3.71	0.24
10.70	1.10	0.89	0.17	13.30	3.97	3.73	0.23
10.75	1.12	0.91	0.18	13.35	3.98	3.75	0.22
10.80	1.14	0.93	0.18	13.40	4.00	3.76	0.21
10.85	1.16	0.94	0.19	13.45	4.01	3.78	0.20
10.90	1.18	0.96	0.20	13.50	4.03	3.79	0.19
10.95	1.20	0.98	0.21	13.55	4.04	3.80	0.18
11.00	1.22	1.00	0.22	13.60	4.05	3.82	0.17
11.05	1.24	1.02	0.23	13.65	4.06	3.83	0.16
11.10	1.26	1.05	0.24	13.70	4.08	3.84	0.16
11.15	1.29	1.07	0.25	13.75	4.09	3.85	0.15
11.20	1.31	1.10	0.27	13.80	4.10	3.86	0.15
11.25	1.34	1.12	0.28	13.85	4.11	3.88	0.15
11.30	1.37	1.15	0.30	13.90	4.12	3.89	0.15
11.35	1.40	1.18	0.32	13.95	4.13	3.90	0.14
11.40	1.43	1.21	0.33	14.00	4.15	3.91	0.14
11.45	1.47	1.25	0.35	14.05	4.16	3.92	0.14
11.50	1.50	1.28	0.36	14.10	4.17	3.93	0.14
11.55	1.55	1.33	0.38	14.15	4.18	3.94	0.13
11.60	1.60	1.38	0.44	14.20	4.19	3.95	0.13
11.65	1.65	1.43	0.51	14.25	4.20	3.96	0.13
11.70	1.71	1.49	0.57	14.30	4.21	3.97	0.13
11.75	1.78	1.56	0.61	14.35	4.22	3.98	0.12
11.80	1.86	1.63	0.68	14.40	4.23	3.99	0.12
11.85	1.96	1.73	0.78	14.45	4.24	4.00	0.12
11.90	2.06	1.84	0.90	14.50	4.25	4.01	0.12
11.95	2.24	2.01	1.08	14.55	4.26	4.02	0.12
12.00	2.42	2.19	1.35	14.60	4.27	4.03	0.11
12.05	2.71	2.48	1.72	14.65	4.27	4.04	0.11
12.10	3.01	2.78	2.23	14.70	4.28	4.05	0.11
12.15	3.11	2.88	2.72	14.75	4.29	4.06	0.11
12.20	3.21	2.98	2.64	14.80	4.30	4.06	0.10
12.25	3.29	3.05	2.09	14.85	4.31	4.07	0.10
12.30	3.36	3.13	1.58	14.90	4.31	4.08	0.10
12.35	3.42	3.18	1.24	14.95	4.32	4.09	0.10
12.40	3.47	3.24	1.00	15.00	4.33	4.09	0.09
12.45	3.52	3.29	0.84	15.05	4.34	4.10	0.09
12.50	3.57	3.34	0.73	15.10	4.34	4.11	0.09
12.55	3.60	3.37	0.66	15.15	4.35	4.12	0.09
12.60	3.64	3.40	0.59	15.20	4.36	4.12	0.09
12.65	3.67	3.43	0.51	15.25	4.36	4.13	0.09
12.70	3.70	3.47	0.44	15.30	4.37	4.14	0.08
12.75	3.73	3.49	0.41	15.35	4.38	4.14	0.08
12.80	3.76	3.52	0.38	15.40	4.39	4.15	0.08
12.85	3.78	3.55	0.36	15.45	4.39	4.16	0.08
12.90	3.81	3.57	0.34	15.50	4.40	4.16	0.08
12.95	3.83	3.60	0.33	15.55	4.41	4.17	0.08

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.08	18.20	4.68	4.45	0.05
15.65	4.42	4.18	0.08	18.25	4.69	4.45	0.05
15.70	4.42	4.19	0.08	18.30	4.69	4.46	0.05
15.75	4.43	4.20	0.08	18.35	4.70	4.46	0.05
15.80	4.44	4.20	0.08	18.40	4.70	4.46	0.05
15.85	4.44	4.21	0.08	18.45	4.70	4.47	0.05
15.90	4.45	4.21	0.08	18.50	4.71	4.47	0.05
15.95	4.46	4.22	0.08	18.55	4.71	4.48	0.05
16.00	4.46	4.23	0.08	18.60	4.72	4.48	0.05
16.05	4.47	4.23	0.08	18.65	4.72	4.48	0.05
16.10	4.47	4.24	0.07	18.70	4.72	4.49	0.05
16.15	4.48	4.24	0.07	18.75	4.73	4.49	0.05
16.20	4.49	4.25	0.07	18.80	4.73	4.50	0.05
16.25	4.49	4.26	0.07	18.85	4.74	4.50	0.05
16.30	4.50	4.26	0.07	18.90	4.74	4.50	0.05
16.35	4.50	4.27	0.07	18.95	4.74	4.51	0.05
16.40	4.51	4.27	0.07	19.00	4.75	4.51	0.05
16.45	4.52	4.28	0.07	19.05	4.75	4.51	0.05
16.50	4.52	4.29	0.07	19.10	4.76	4.52	0.05
16.55	4.53	4.29	0.07	19.15	4.76	4.52	0.05
16.60	4.53	4.30	0.07	19.20	4.76	4.53	0.05
16.65	4.54	4.30	0.07	19.25	4.77	4.53	0.05
16.70	4.54	4.31	0.07	19.30	4.77	4.53	0.05
16.75	4.55	4.31	0.07	19.35	4.77	4.54	0.05
16.80	4.55	4.32	0.07	19.40	4.78	4.54	0.05
16.85	4.56	4.32	0.07	19.45	4.78	4.55	0.05
16.90	4.57	4.33	0.06	19.50	4.79	4.55	0.05
16.95	4.57	4.33	0.06	19.55	4.79	4.55	0.04
17.00	4.58	4.34	0.06	19.60	4.79	4.56	0.04
17.05	4.58	4.34	0.06	19.65	4.80	4.56	0.04
17.10	4.59	4.35	0.06	19.70	4.80	4.56	0.04
17.15	4.59	4.35	0.06	19.75	4.80	4.57	0.04
17.20	4.60	4.36	0.06	19.80	4.81	4.57	0.04
17.25	4.60	4.36	0.06	19.85	4.81	4.57	0.04
17.30	4.61	4.37	0.06	19.90	4.81	4.58	0.04
17.35	4.61	4.37	0.06	19.95	4.82	4.58	0.04
17.40	4.61	4.38	0.06	20.00	4.82	4.59	0.04
17.45	4.62	4.38	0.06	20.05	4.83	4.59	0.04
17.50	4.62	4.39	0.06	20.10	4.83	4.59	0.04
17.55	4.63	4.39	0.06	20.15	4.83	4.60	0.04
17.60	4.63	4.40	0.06	20.20	4.84	4.60	0.04
17.65	4.64	4.40	0.06	20.25	4.84	4.60	0.04
17.70	4.64	4.41	0.06	20.30	4.84	4.61	0.04
17.75	4.65	4.41	0.05	20.35	4.85	4.61	0.04
17.80	4.65	4.42	0.05	20.40	4.85	4.61	0.04
17.85	4.66	4.42	0.05	20.45	4.85	4.62	0.04
17.90	4.66	4.42	0.05	20.50	4.86	4.62	0.04
17.95	4.66	4.43	0.05	20.55	4.86	4.62	0.04
18.00	4.67	4.43	0.05	20.60	4.86	4.63	0.04
18.05	4.67	4.44	0.05	20.65	4.87	4.63	0.04
18.10	4.68	4.44	0.05	20.70	4.87	4.63	0.04
18.15	4.68	4.44	0.05	20.75	4.87	4.64	0.04

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.04	23.40	5.04	4.80	0.03
20.85	4.88	4.64	0.04	23.45	5.04	4.80	0.03
20.90	4.88	4.65	0.04	23.50	5.04	4.81	0.03
20.95	4.89	4.65	0.04	23.55	5.04	4.81	0.03
21.00	4.89	4.65	0.04	23.60	5.05	4.81	0.03
21.05	4.89	4.66	0.04	23.65	5.05	4.81	0.03
21.10	4.90	4.66	0.04	23.70	5.05	4.82	0.03
21.15	4.90	4.66	0.04	23.75	5.06	4.82	0.03
21.20	4.90	4.67	0.04	23.80	5.06	4.82	0.03
21.25	4.91	4.67	0.04	23.85	5.06	4.82	0.03
21.30	4.91	4.67	0.04	23.90	5.06	4.83	0.03
21.35	4.91	4.68	0.04	23.95	5.07	4.83	0.03
21.40	4.92	4.68	0.04	24.00	5.07	4.83	0.03
21.45	4.92	4.68	0.04	24.05	5.07	4.83	0.03
21.50	4.92	4.69	0.04	24.10	5.07	4.83	0.03
21.55	4.93	4.69	0.04	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.04	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.04	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.04	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.04	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.04	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.04	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.04	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.04	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.04	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.04	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.04	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.04	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.04	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.04	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.04	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.04	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.03	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.03	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.03	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.03	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.03	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.03	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.03	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.03	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.03	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.03	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.03	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 19P: PDA-19 (pervious)

Runoff = 2.99 cfs @ 12.18 hrs, Volume= 0.225 af, Depth= 2.42"
 Routed to Pond B-19 : Basin #19

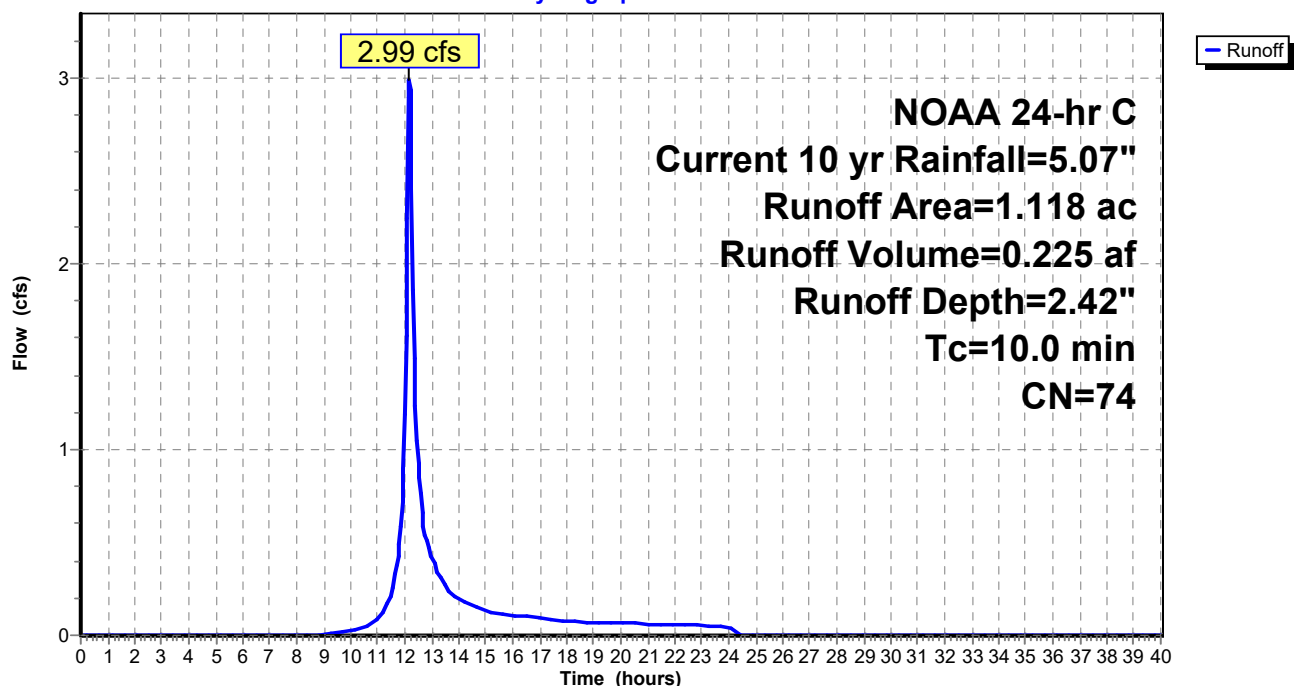
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.118	74	>75% Grass cover, Good, HSG C
1.118		100.00% Pervious Area

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



Hydrograph for Subcatchment 19P: PDA-19 (pervious)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.04	13.00	3.85	1.49	0.41
10.45	1.03	0.03	0.04	13.05	3.87	1.50	0.39
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.37
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.35
10.60	1.07	0.04	0.05	13.20	3.93	1.55	0.33
10.65	1.09	0.04	0.05	13.25	3.95	1.56	0.32
10.70	1.10	0.04	0.06	13.30	3.97	1.57	0.31
10.75	1.12	0.04	0.06	13.35	3.98	1.58	0.30
10.80	1.14	0.05	0.07	13.40	4.00	1.59	0.28
10.85	1.16	0.05	0.07	13.45	4.01	1.60	0.27
10.90	1.18	0.06	0.08	13.50	4.03	1.61	0.26
10.95	1.20	0.06	0.08	13.55	4.04	1.62	0.25
11.00	1.22	0.07	0.09	13.60	4.05	1.63	0.24
11.05	1.24	0.07	0.10	13.65	4.06	1.64	0.23
11.10	1.26	0.08	0.11	13.70	4.08	1.65	0.22
11.15	1.29	0.08	0.12	13.75	4.09	1.66	0.21
11.20	1.31	0.09	0.13	13.80	4.10	1.67	0.21
11.25	1.34	0.10	0.14	13.85	4.11	1.68	0.20
11.30	1.37	0.11	0.15	13.90	4.12	1.69	0.20
11.35	1.40	0.12	0.17	13.95	4.13	1.70	0.20
11.40	1.43	0.13	0.18	14.00	4.15	1.70	0.20
11.45	1.47	0.14	0.20	14.05	4.16	1.71	0.19
11.50	1.50	0.15	0.21	14.10	4.17	1.72	0.19
11.55	1.55	0.16	0.23	14.15	4.18	1.73	0.19
11.60	1.60	0.18	0.27	14.20	4.19	1.74	0.18
11.65	1.65	0.20	0.33	14.25	4.20	1.74	0.18
11.70	1.71	0.22	0.38	14.30	4.21	1.75	0.18
11.75	1.78	0.25	0.43	14.35	4.22	1.76	0.17
11.80	1.86	0.29	0.49	14.40	4.23	1.77	0.17
11.85	1.96	0.33	0.59	14.45	4.24	1.77	0.17
11.90	2.06	0.38	0.72	14.50	4.25	1.78	0.17
11.95	2.24	0.47	0.90	14.55	4.26	1.79	0.16
12.00	2.42	0.56	1.19	14.60	4.27	1.79	0.16
12.05	2.71	0.73	1.61	14.65	4.27	1.80	0.16
12.10	3.01	0.91	2.24	14.70	4.28	1.81	0.15
12.15	3.11	0.98	2.90	14.75	4.29	1.81	0.15
12.20	3.21	1.05	2.94	14.80	4.30	1.82	0.15
12.25	3.29	1.10	2.40	14.85	4.31	1.82	0.14
12.30	3.36	1.15	1.86	14.90	4.31	1.83	0.14
12.35	3.42	1.18	1.49	14.95	4.32	1.84	0.14
12.40	3.47	1.22	1.23	15.00	4.33	1.84	0.13
12.45	3.52	1.25	1.05	15.05	4.34	1.85	0.13
12.50	3.57	1.29	0.93	15.10	4.34	1.85	0.13
12.55	3.60	1.31	0.85	15.15	4.35	1.86	0.13
12.60	3.64	1.34	0.76	15.20	4.36	1.86	0.12
12.65	3.67	1.36	0.66	15.25	4.36	1.87	0.12
12.70	3.70	1.38	0.58	15.30	4.37	1.87	0.12
12.75	3.73	1.40	0.54	15.35	4.38	1.88	0.12
12.80	3.76	1.42	0.50	15.40	4.39	1.88	0.12
12.85	3.78	1.44	0.48	15.45	4.39	1.89	0.12
12.90	3.81	1.46	0.46	15.50	4.40	1.89	0.12
12.95	3.83	1.47	0.44	15.55	4.41	1.90	0.12

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.12	18.20	4.68	2.12	0.07
15.65	4.42	1.91	0.11	18.25	4.69	2.12	0.07
15.70	4.42	1.91	0.11	18.30	4.69	2.12	0.07
15.75	4.43	1.92	0.11	18.35	4.70	2.12	0.07
15.80	4.44	1.92	0.11	18.40	4.70	2.13	0.07
15.85	4.44	1.93	0.11	18.45	4.70	2.13	0.07
15.90	4.45	1.93	0.11	18.50	4.71	2.13	0.07
15.95	4.46	1.94	0.11	18.55	4.71	2.14	0.07
16.00	4.46	1.94	0.11	18.60	4.72	2.14	0.07
16.05	4.47	1.95	0.11	18.65	4.72	2.14	0.07
16.10	4.47	1.95	0.11	18.70	4.72	2.15	0.07
16.15	4.48	1.96	0.11	18.75	4.73	2.15	0.07
16.20	4.49	1.96	0.11	18.80	4.73	2.15	0.07
16.25	4.49	1.97	0.10	18.85	4.74	2.16	0.07
16.30	4.50	1.97	0.10	18.90	4.74	2.16	0.07
16.35	4.50	1.98	0.10	18.95	4.74	2.16	0.07
16.40	4.51	1.98	0.10	19.00	4.75	2.16	0.07
16.45	4.52	1.98	0.10	19.05	4.75	2.17	0.07
16.50	4.52	1.99	0.10	19.10	4.76	2.17	0.07
16.55	4.53	1.99	0.10	19.15	4.76	2.17	0.07
16.60	4.53	2.00	0.10	19.20	4.76	2.18	0.07
16.65	4.54	2.00	0.10	19.25	4.77	2.18	0.07
16.70	4.54	2.01	0.10	19.30	4.77	2.18	0.07
16.75	4.55	2.01	0.10	19.35	4.77	2.19	0.07
16.80	4.55	2.01	0.10	19.40	4.78	2.19	0.07
16.85	4.56	2.02	0.09	19.45	4.78	2.19	0.07
16.90	4.57	2.02	0.09	19.50	4.79	2.19	0.07
16.95	4.57	2.03	0.09	19.55	4.79	2.20	0.07
17.00	4.58	2.03	0.09	19.60	4.79	2.20	0.07
17.05	4.58	2.03	0.09	19.65	4.80	2.20	0.07
17.10	4.59	2.04	0.09	19.70	4.80	2.21	0.07
17.15	4.59	2.04	0.09	19.75	4.80	2.21	0.07
17.20	4.60	2.05	0.09	19.80	4.81	2.21	0.07
17.25	4.60	2.05	0.09	19.85	4.81	2.21	0.07
17.30	4.61	2.05	0.09	19.90	4.81	2.22	0.07
17.35	4.61	2.06	0.09	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.09	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.08	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.08	20.10	4.83	2.23	0.06
17.55	4.63	2.07	0.08	20.15	4.83	2.23	0.06
17.60	4.63	2.08	0.08	20.20	4.84	2.23	0.06
17.65	4.64	2.08	0.08	20.25	4.84	2.24	0.06
17.70	4.64	2.08	0.08	20.30	4.84	2.24	0.06
17.75	4.65	2.09	0.08	20.35	4.85	2.24	0.06
17.80	4.65	2.09	0.08	20.40	4.85	2.25	0.06
17.85	4.66	2.09	0.08	20.45	4.85	2.25	0.06
17.90	4.66	2.10	0.08	20.50	4.86	2.25	0.06
17.95	4.66	2.10	0.08	20.55	4.86	2.25	0.06
18.00	4.67	2.10	0.08	20.60	4.86	2.26	0.06
18.05	4.67	2.11	0.07	20.65	4.87	2.26	0.06
18.10	4.68	2.11	0.07	20.70	4.87	2.26	0.06
18.15	4.68	2.11	0.07	20.75	4.87	2.26	0.06

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.06	23.40	5.04	2.39	0.05
20.85	4.88	2.27	0.06	23.45	5.04	2.40	0.05
20.90	4.88	2.27	0.06	23.50	5.04	2.40	0.05
20.95	4.89	2.28	0.06	23.55	5.04	2.40	0.05
21.00	4.89	2.28	0.06	23.60	5.05	2.40	0.05
21.05	4.89	2.28	0.06	23.65	5.05	2.40	0.05
21.10	4.90	2.28	0.06	23.70	5.05	2.41	0.05
21.15	4.90	2.29	0.06	23.75	5.06	2.41	0.05
21.20	4.90	2.29	0.06	23.80	5.06	2.41	0.05
21.25	4.91	2.29	0.06	23.85	5.06	2.41	0.05
21.30	4.91	2.29	0.06	23.90	5.06	2.42	0.05
21.35	4.91	2.30	0.06	23.95	5.07	2.42	0.05
21.40	4.92	2.30	0.06	24.00	5.07	2.42	0.05
21.45	4.92	2.30	0.06	24.05	5.07	2.42	0.05
21.50	4.92	2.30	0.06	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.06	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.06	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.06	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.06	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.06	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.06	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.06	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.06	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.06	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.06	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.06	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.06	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.06	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.06	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.06	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.05	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.05	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.05	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.05	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.05	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.05	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.05	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.05	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.05	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.05	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.05	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 20I: PDA-20 (impervious)

Runoff = 5.22 cfs @ 12.17 hrs, Volume= 0.455 af, Depth= 4.83"
 Routed to Pond B-20 : Basin #20

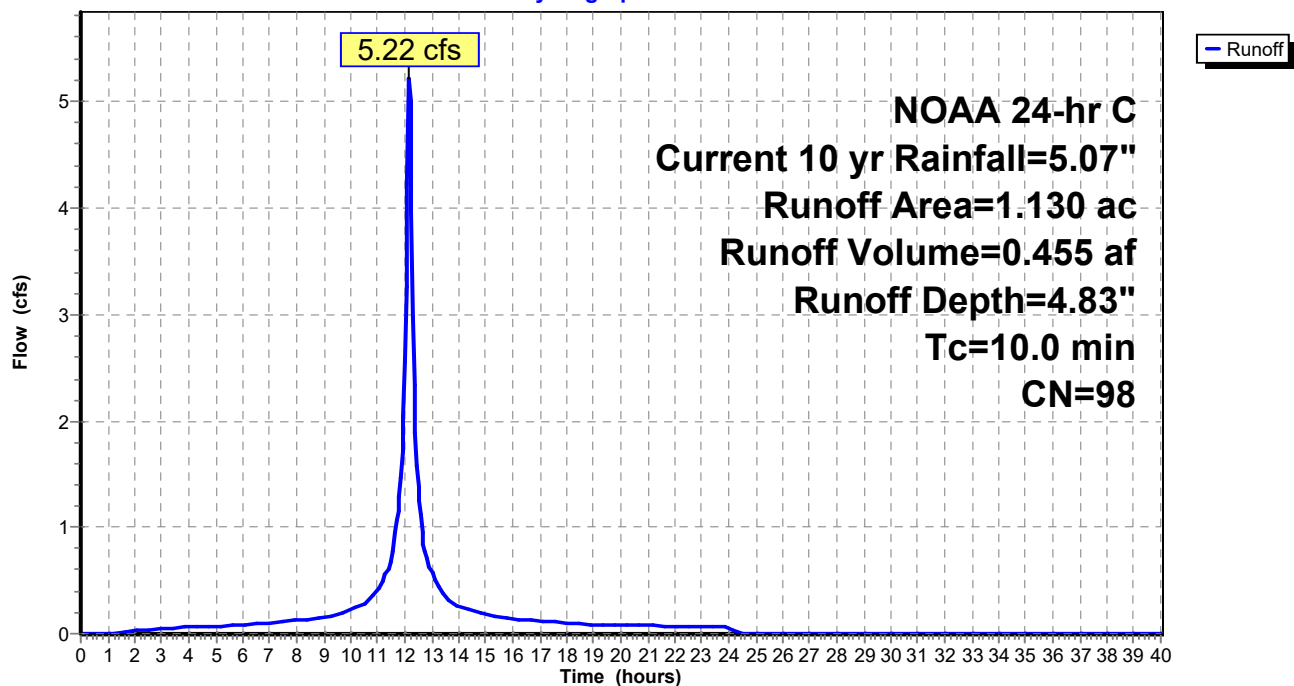
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.572	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.108	98	Concrete, HSC C
1.130	98	Weighted Average
1.130		100.00% Impervious Area

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



Hydrograph for Subcatchment 20I: PDA-20 (impervious)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.07	7.80	0.58	0.39	0.12
5.25	0.34	0.18	0.07	7.85	0.59	0.40	0.12
5.30	0.35	0.18	0.07	7.90	0.60	0.41	0.12
5.35	0.35	0.19	0.07	7.95	0.60	0.41	0.13
5.40	0.35	0.19	0.07	8.00	0.61	0.42	0.13
5.45	0.36	0.19	0.07	8.05	0.61	0.42	0.13
5.50	0.36	0.20	0.08	8.10	0.62	0.43	0.13
5.55	0.37	0.20	0.08	8.15	0.63	0.43	0.13
5.60	0.37	0.20	0.08	8.20	0.63	0.44	0.13
5.65	0.37	0.21	0.08	8.25	0.64	0.45	0.13
5.70	0.38	0.21	0.08	8.30	0.65	0.45	0.13
5.75	0.38	0.21	0.08	8.35	0.65	0.46	0.14
5.80	0.39	0.22	0.08	8.40	0.66	0.46	0.14
5.85	0.39	0.22	0.08	8.45	0.66	0.47	0.14
5.90	0.39	0.22	0.08	8.50	0.67	0.48	0.14
5.95	0.40	0.23	0.08	8.55	0.68	0.48	0.14
6.00	0.40	0.23	0.08	8.60	0.68	0.49	0.14
6.05	0.41	0.23	0.08	8.65	0.69	0.50	0.14
6.10	0.41	0.24	0.08	8.70	0.70	0.50	0.14
6.15	0.41	0.24	0.08	8.75	0.71	0.51	0.14
6.20	0.42	0.25	0.08	8.80	0.71	0.51	0.15
6.25	0.42	0.25	0.08	8.85	0.72	0.52	0.15
6.30	0.43	0.25	0.09	8.90	0.73	0.53	0.15
6.35	0.43	0.26	0.09	8.95	0.73	0.53	0.15
6.40	0.44	0.26	0.09	9.00	0.74	0.54	0.15
6.45	0.44	0.27	0.09	9.05	0.75	0.55	0.15
6.50	0.45	0.27	0.09	9.10	0.76	0.56	0.15
6.55	0.45	0.27	0.09	9.15	0.76	0.56	0.16
6.60	0.46	0.28	0.09	9.20	0.77	0.57	0.16
6.65	0.46	0.28	0.09	9.25	0.78	0.58	0.17
6.70	0.46	0.29	0.09	9.30	0.79	0.59	0.17
6.75	0.47	0.29	0.10	9.35	0.80	0.59	0.17
6.80	0.47	0.29	0.10	9.40	0.80	0.60	0.18
6.85	0.48	0.30	0.10	9.45	0.81	0.61	0.18
6.90	0.48	0.30	0.10	9.50	0.82	0.62	0.19
6.95	0.49	0.31	0.10	9.55	0.83	0.63	0.19
7.00	0.49	0.31	0.10	9.60	0.84	0.64	0.20
7.05	0.50	0.32	0.10	9.65	0.85	0.65	0.20
7.10	0.50	0.32	0.10	9.70	0.86	0.66	0.20
7.15	0.51	0.33	0.11	9.75	0.87	0.67	0.21
7.20	0.52	0.33	0.11	9.80	0.88	0.68	0.21
7.25	0.52	0.34	0.11	9.85	0.89	0.69	0.22
7.30	0.53	0.34	0.11	9.90	0.90	0.70	0.22
7.35	0.53	0.35	0.11	9.95	0.91	0.71	0.23
7.40	0.54	0.35	0.11	10.00	0.92	0.72	0.23
7.45	0.54	0.36	0.11	10.05	0.94	0.73	0.23
7.50	0.55	0.36	0.11	10.10	0.95	0.74	0.24
7.55	0.55	0.37	0.12	10.15	0.96	0.75	0.24
7.60	0.56	0.37	0.12	10.20	0.97	0.76	0.25
7.65	0.57	0.38	0.12	10.25	0.98	0.77	0.25
7.70	0.57	0.38	0.12	10.30	0.99	0.79	0.26
7.75	0.58	0.39	0.12	10.35	1.01	0.80	0.26

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.27	13.00	3.85	3.62	0.58
10.45	1.03	0.82	0.27	13.05	3.87	3.64	0.55
10.50	1.04	0.83	0.27	13.10	3.89	3.66	0.52
10.55	1.06	0.85	0.28	13.15	3.91	3.68	0.49
10.60	1.07	0.86	0.29	13.20	3.93	3.70	0.47
10.65	1.09	0.88	0.30	13.25	3.95	3.71	0.45
10.70	1.10	0.89	0.32	13.30	3.97	3.73	0.43
10.75	1.12	0.91	0.33	13.35	3.98	3.75	0.41
10.80	1.14	0.93	0.35	13.40	4.00	3.76	0.39
10.85	1.16	0.94	0.36	13.45	4.01	3.78	0.38
10.90	1.18	0.96	0.38	13.50	4.03	3.79	0.36
10.95	1.20	0.98	0.40	13.55	4.04	3.80	0.34
11.00	1.22	1.00	0.41	13.60	4.05	3.82	0.33
11.05	1.24	1.02	0.43	13.65	4.06	3.83	0.31
11.10	1.26	1.05	0.45	13.70	4.08	3.84	0.30
11.15	1.29	1.07	0.48	13.75	4.09	3.85	0.29
11.20	1.31	1.10	0.51	13.80	4.10	3.86	0.28
11.25	1.34	1.12	0.54	13.85	4.11	3.88	0.28
11.30	1.37	1.15	0.57	13.90	4.12	3.89	0.27
11.35	1.40	1.18	0.60	13.95	4.13	3.90	0.27
11.40	1.43	1.21	0.63	14.00	4.15	3.91	0.27
11.45	1.47	1.25	0.66	14.05	4.16	3.92	0.26
11.50	1.50	1.28	0.69	14.10	4.17	3.93	0.26
11.55	1.55	1.33	0.73	14.15	4.18	3.94	0.25
11.60	1.60	1.38	0.82	14.20	4.19	3.95	0.25
11.65	1.65	1.43	0.96	14.25	4.20	3.96	0.24
11.70	1.71	1.49	1.07	14.30	4.21	3.97	0.24
11.75	1.78	1.56	1.16	14.35	4.22	3.98	0.24
11.80	1.86	1.63	1.29	14.40	4.23	3.99	0.23
11.85	1.96	1.73	1.47	14.45	4.24	4.00	0.23
11.90	2.06	1.84	1.71	14.50	4.25	4.01	0.22
11.95	2.24	2.01	2.04	14.55	4.26	4.02	0.22
12.00	2.42	2.19	2.55	14.60	4.27	4.03	0.21
12.05	2.71	2.48	3.25	14.65	4.27	4.04	0.21
12.10	3.01	2.78	4.23	14.70	4.28	4.05	0.21
12.15	3.11	2.88	5.15	14.75	4.29	4.06	0.20
12.20	3.21	2.98	5.00	14.80	4.30	4.06	0.20
12.25	3.29	3.05	3.96	14.85	4.31	4.07	0.19
12.30	3.36	3.13	2.99	14.90	4.31	4.08	0.19
12.35	3.42	3.18	2.34	14.95	4.32	4.09	0.18
12.40	3.47	3.24	1.90	15.00	4.33	4.09	0.18
12.45	3.52	3.29	1.58	15.05	4.34	4.10	0.17
12.50	3.57	3.34	1.38	15.10	4.34	4.11	0.17
12.55	3.60	3.37	1.26	15.15	4.35	4.12	0.17
12.60	3.64	3.40	1.12	15.20	4.36	4.12	0.16
12.65	3.67	3.43	0.96	15.25	4.36	4.13	0.16
12.70	3.70	3.47	0.84	15.30	4.37	4.14	0.16
12.75	3.73	3.49	0.77	15.35	4.38	4.14	0.16
12.80	3.76	3.52	0.72	15.40	4.39	4.15	0.16
12.85	3.78	3.55	0.68	15.45	4.39	4.16	0.16
12.90	3.81	3.57	0.65	15.50	4.40	4.16	0.15
12.95	3.83	3.60	0.62	15.55	4.41	4.17	0.15

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.15	18.20	4.68	4.45	0.09
15.65	4.42	4.18	0.15	18.25	4.69	4.45	0.09
15.70	4.42	4.19	0.15	18.30	4.69	4.46	0.09
15.75	4.43	4.20	0.15	18.35	4.70	4.46	0.09
15.80	4.44	4.20	0.15	18.40	4.70	4.46	0.09
15.85	4.44	4.21	0.15	18.45	4.70	4.47	0.09
15.90	4.45	4.21	0.15	18.50	4.71	4.47	0.09
15.95	4.46	4.22	0.14	18.55	4.71	4.48	0.09
16.00	4.46	4.23	0.14	18.60	4.72	4.48	0.09
16.05	4.47	4.23	0.14	18.65	4.72	4.48	0.09
16.10	4.47	4.24	0.14	18.70	4.72	4.49	0.09
16.15	4.48	4.24	0.14	18.75	4.73	4.49	0.09
16.20	4.49	4.25	0.14	18.80	4.73	4.50	0.09
16.25	4.49	4.26	0.14	18.85	4.74	4.50	0.09
16.30	4.50	4.26	0.14	18.90	4.74	4.50	0.09
16.35	4.50	4.27	0.14	18.95	4.74	4.51	0.09
16.40	4.51	4.27	0.13	19.00	4.75	4.51	0.09
16.45	4.52	4.28	0.13	19.05	4.75	4.51	0.09
16.50	4.52	4.29	0.13	19.10	4.76	4.52	0.09
16.55	4.53	4.29	0.13	19.15	4.76	4.52	0.09
16.60	4.53	4.30	0.13	19.20	4.76	4.53	0.09
16.65	4.54	4.30	0.13	19.25	4.77	4.53	0.09
16.70	4.54	4.31	0.13	19.30	4.77	4.53	0.09
16.75	4.55	4.31	0.13	19.35	4.77	4.54	0.09
16.80	4.55	4.32	0.13	19.40	4.78	4.54	0.09
16.85	4.56	4.32	0.12	19.45	4.78	4.55	0.09
16.90	4.57	4.33	0.12	19.50	4.79	4.55	0.09
16.95	4.57	4.33	0.12	19.55	4.79	4.55	0.09
17.00	4.58	4.34	0.12	19.60	4.79	4.56	0.08
17.05	4.58	4.34	0.12	19.65	4.80	4.56	0.08
17.10	4.59	4.35	0.12	19.70	4.80	4.56	0.08
17.15	4.59	4.35	0.12	19.75	4.80	4.57	0.08
17.20	4.60	4.36	0.12	19.80	4.81	4.57	0.08
17.25	4.60	4.36	0.11	19.85	4.81	4.57	0.08
17.30	4.61	4.37	0.11	19.90	4.81	4.58	0.08
17.35	4.61	4.37	0.11	19.95	4.82	4.58	0.08
17.40	4.61	4.38	0.11	20.00	4.82	4.59	0.08
17.45	4.62	4.38	0.11	20.05	4.83	4.59	0.08
17.50	4.62	4.39	0.11	20.10	4.83	4.59	0.08
17.55	4.63	4.39	0.11	20.15	4.83	4.60	0.08
17.60	4.63	4.40	0.11	20.20	4.84	4.60	0.08
17.65	4.64	4.40	0.11	20.25	4.84	4.60	0.08
17.70	4.64	4.41	0.10	20.30	4.84	4.61	0.08
17.75	4.65	4.41	0.10	20.35	4.85	4.61	0.08
17.80	4.65	4.42	0.10	20.40	4.85	4.61	0.08
17.85	4.66	4.42	0.10	20.45	4.85	4.62	0.08
17.90	4.66	4.42	0.10	20.50	4.86	4.62	0.08
17.95	4.66	4.43	0.10	20.55	4.86	4.62	0.08
18.00	4.67	4.43	0.10	20.60	4.86	4.63	0.08
18.05	4.67	4.44	0.10	20.65	4.87	4.63	0.08
18.10	4.68	4.44	0.10	20.70	4.87	4.63	0.08
18.15	4.68	4.44	0.09	20.75	4.87	4.64	0.08

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.08	23.40	5.04	4.80	0.06
20.85	4.88	4.64	0.08	23.45	5.04	4.80	0.06
20.90	4.88	4.65	0.08	23.50	5.04	4.81	0.06
20.95	4.89	4.65	0.08	23.55	5.04	4.81	0.06
21.00	4.89	4.65	0.08	23.60	5.05	4.81	0.06
21.05	4.89	4.66	0.08	23.65	5.05	4.81	0.06
21.10	4.90	4.66	0.08	23.70	5.05	4.82	0.06
21.15	4.90	4.66	0.08	23.75	5.06	4.82	0.06
21.20	4.90	4.67	0.08	23.80	5.06	4.82	0.06
21.25	4.91	4.67	0.08	23.85	5.06	4.82	0.06
21.30	4.91	4.67	0.08	23.90	5.06	4.83	0.06
21.35	4.91	4.68	0.08	23.95	5.07	4.83	0.06
21.40	4.92	4.68	0.07	24.00	5.07	4.83	0.06
21.45	4.92	4.68	0.07	24.05	5.07	4.83	0.07
21.50	4.92	4.69	0.07	24.10	5.07	4.83	0.05
21.55	4.93	4.69	0.07	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.07	24.20	5.07	4.83	0.02
21.65	4.93	4.70	0.07	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.07	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.07	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.07	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.07	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.07	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.07	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.07	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.07	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.07	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.07	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.07	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.07	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.07	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.07	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.07	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.07	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.07	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.07	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.07	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.07	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.07	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.07	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.07	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.07	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.07	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.07	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.07	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.07	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.06	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.06	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.06	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.06	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.06	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.06	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 20P: PDA-20 (pervious)

Runoff = 3.54 cfs @ 12.18 hrs, Volume= 0.267 af, Depth= 2.42"
 Routed to Pond B-20 : Basin #20

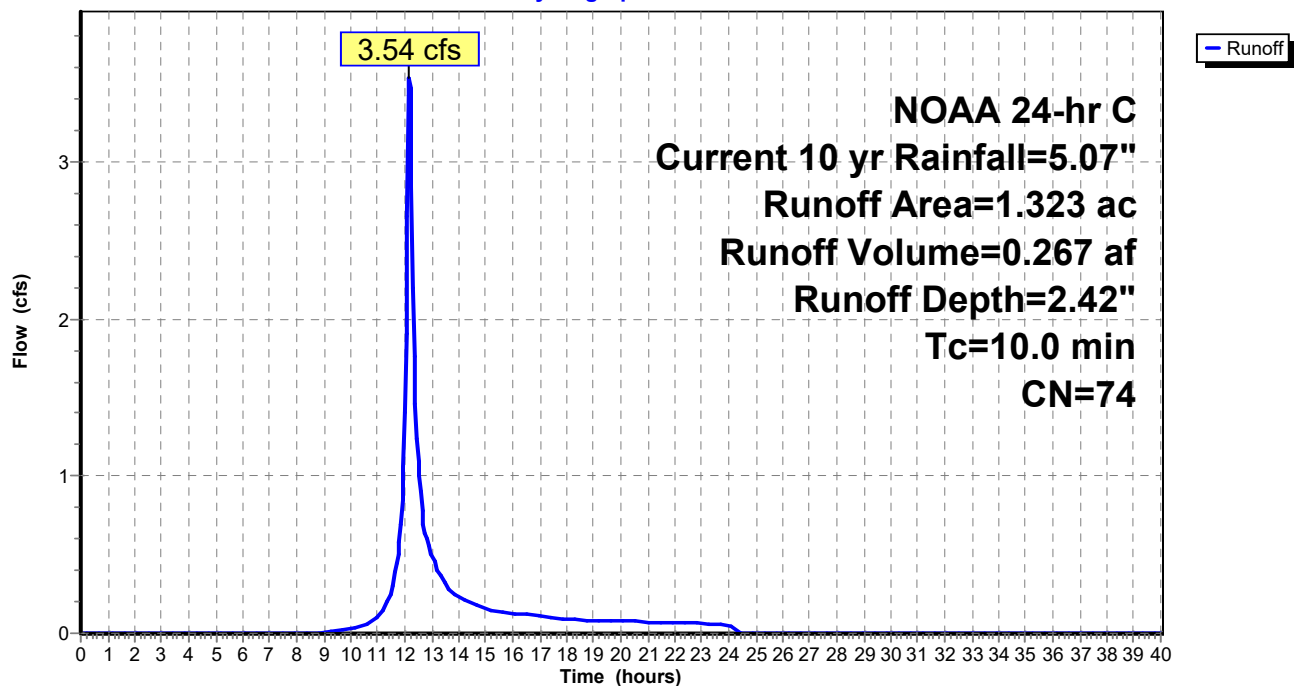
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.323	74	>75% Grass cover, Good, HSG C
1.323		100.00% Pervious Area

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



Hydrograph for Subcatchment 20P: PDA-20 (pervious)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.49
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.47
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.44
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.42
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.40
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.38
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.36
10.75	1.12	0.04	0.07	13.35	3.98	1.58	0.35
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.34
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.32
10.90	1.18	0.06	0.09	13.50	4.03	1.61	0.31
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.29
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.28
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.27
11.10	1.26	0.08	0.13	13.70	4.08	1.65	0.26
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.25
11.20	1.31	0.09	0.15	13.80	4.10	1.67	0.25
11.25	1.34	0.10	0.16	13.85	4.11	1.68	0.24
11.30	1.37	0.11	0.18	13.90	4.12	1.69	0.24
11.35	1.40	0.12	0.20	13.95	4.13	1.70	0.24
11.40	1.43	0.13	0.21	14.00	4.15	1.70	0.23
11.45	1.47	0.14	0.23	14.05	4.16	1.71	0.23
11.50	1.50	0.15	0.25	14.10	4.17	1.72	0.22
11.55	1.55	0.16	0.27	14.15	4.18	1.73	0.22
11.60	1.60	0.18	0.32	14.20	4.19	1.74	0.22
11.65	1.65	0.20	0.39	14.25	4.20	1.74	0.21
11.70	1.71	0.22	0.45	14.30	4.21	1.75	0.21
11.75	1.78	0.25	0.51	14.35	4.22	1.76	0.21
11.80	1.86	0.29	0.58	14.40	4.23	1.77	0.20
11.85	1.96	0.33	0.70	14.45	4.24	1.77	0.20
11.90	2.06	0.38	0.85	14.50	4.25	1.78	0.20
11.95	2.24	0.47	1.06	14.55	4.26	1.79	0.19
12.00	2.42	0.56	1.41	14.60	4.27	1.79	0.19
12.05	2.71	0.73	1.91	14.65	4.27	1.80	0.18
12.10	3.01	0.91	2.65	14.70	4.28	1.81	0.18
12.15	3.11	0.98	3.43	14.75	4.29	1.81	0.18
12.20	3.21	1.05	3.47	14.80	4.30	1.82	0.17
12.25	3.29	1.10	2.84	14.85	4.31	1.82	0.17
12.30	3.36	1.15	2.20	14.90	4.31	1.83	0.17
12.35	3.42	1.18	1.77	14.95	4.32	1.84	0.16
12.40	3.47	1.22	1.46	15.00	4.33	1.84	0.16
12.45	3.52	1.25	1.24	15.05	4.34	1.85	0.16
12.50	3.57	1.29	1.10	15.10	4.34	1.85	0.15
12.55	3.60	1.31	1.01	15.15	4.35	1.86	0.15
12.60	3.64	1.34	0.90	15.20	4.36	1.86	0.15
12.65	3.67	1.36	0.78	15.25	4.36	1.87	0.14
12.70	3.70	1.38	0.69	15.30	4.37	1.87	0.14
12.75	3.73	1.40	0.63	15.35	4.38	1.88	0.14
12.80	3.76	1.42	0.60	15.40	4.39	1.88	0.14
12.85	3.78	1.44	0.57	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.54	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.52	15.55	4.41	1.90	0.14

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.14	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.14	18.25	4.69	2.12	0.08
15.70	4.42	1.91	0.13	18.30	4.69	2.12	0.08
15.75	4.43	1.92	0.13	18.35	4.70	2.12	0.08
15.80	4.44	1.92	0.13	18.40	4.70	2.13	0.08
15.85	4.44	1.93	0.13	18.45	4.70	2.13	0.08
15.90	4.45	1.93	0.13	18.50	4.71	2.13	0.08
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.08
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.08
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.08
16.10	4.47	1.95	0.13	18.70	4.72	2.15	0.08
16.15	4.48	1.96	0.13	18.75	4.73	2.15	0.08
16.20	4.49	1.96	0.13	18.80	4.73	2.15	0.08
16.25	4.49	1.97	0.12	18.85	4.74	2.16	0.08
16.30	4.50	1.97	0.12	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.12	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.12	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.12	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.11	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.11	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.11	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.11	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.10	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.10	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.10	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.07
17.70	4.64	2.08	0.10	20.30	4.84	2.24	0.07
17.75	4.65	2.09	0.09	20.35	4.85	2.24	0.07
17.80	4.65	2.09	0.09	20.40	4.85	2.25	0.07
17.85	4.66	2.09	0.09	20.45	4.85	2.25	0.07
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.07
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.07
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.07
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.07
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.07
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.07

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.07	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.06
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.06	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.06	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.06	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.06	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.06	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.06	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 21I: PDA-21 (impervious)

Runoff = 4.09 cfs @ 12.17 hrs, Volume= 0.357 af, Depth= 4.83"
 Routed to Pond B-21 : Basin #21

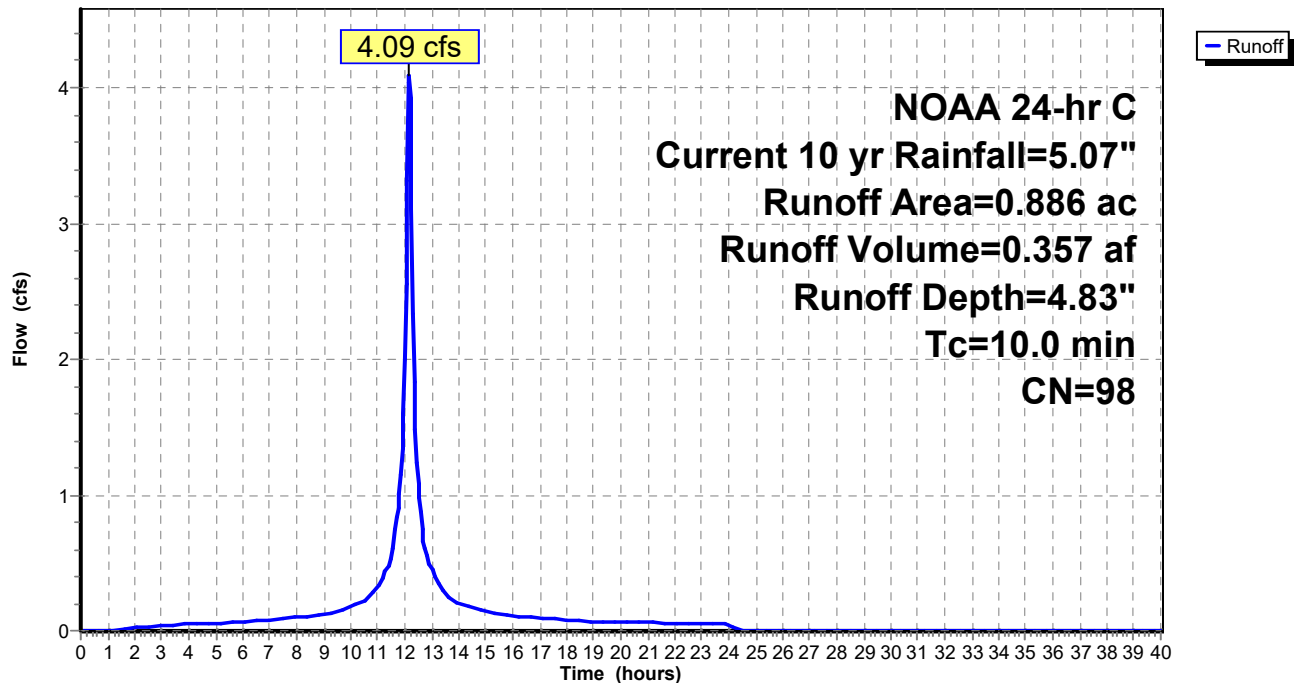
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.511	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.054	98	Concrete, HSC C
0.886	98	Weighted Average
0.886		100.00% Impervious Area

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



Hydrograph for Subcatchment 21I: PDA-21 (impervious)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.11
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.12
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.13
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.14
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.15
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.15
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.16
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.16
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.17
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.17
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.18
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.19
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.20
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.20

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.46
10.45	1.03	0.82	0.21	13.05	3.87	3.64	0.43
10.50	1.04	0.83	0.22	13.10	3.89	3.66	0.41
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.39
10.60	1.07	0.86	0.23	13.20	3.93	3.70	0.37
10.65	1.09	0.88	0.24	13.25	3.95	3.71	0.35
10.70	1.10	0.89	0.25	13.30	3.97	3.73	0.33
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.32
10.80	1.14	0.93	0.27	13.40	4.00	3.76	0.31
10.85	1.16	0.94	0.29	13.45	4.01	3.78	0.29
10.90	1.18	0.96	0.30	13.50	4.03	3.79	0.28
10.95	1.20	0.98	0.31	13.55	4.04	3.80	0.27
11.00	1.22	1.00	0.32	13.60	4.05	3.82	0.26
11.05	1.24	1.02	0.34	13.65	4.06	3.83	0.24
11.10	1.26	1.05	0.35	13.70	4.08	3.84	0.23
11.15	1.29	1.07	0.38	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.40	13.80	4.10	3.86	0.22
11.25	1.34	1.12	0.42	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.45	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.47	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.49	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.52	14.05	4.16	3.92	0.20
11.50	1.50	1.28	0.54	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.57	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.65	14.20	4.19	3.95	0.19
11.65	1.65	1.43	0.75	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.84	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.91	14.35	4.22	3.98	0.18
11.80	1.86	1.63	1.01	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.15	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.34	14.50	4.25	4.01	0.17
11.95	2.24	2.01	1.60	14.55	4.26	4.02	0.17
12.00	2.42	2.19	2.00	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.55	14.65	4.27	4.04	0.16
12.10	3.01	2.78	3.31	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.04	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.92	14.80	4.30	4.06	0.15
12.25	3.29	3.05	3.11	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.34	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.84	14.95	4.32	4.09	0.14
12.40	3.47	3.24	1.49	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.24	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.09	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.99	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.87	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.75	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.66	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.60	15.35	4.38	4.14	0.12
12.80	3.76	3.52	0.57	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.54	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.51	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.48	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.11	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 21P: PDA-21 (pervious)

Runoff = 4.32 cfs @ 12.18 hrs, Volume= 0.326 af, Depth= 2.42"
 Routed to Pond B-21 : Basin #21

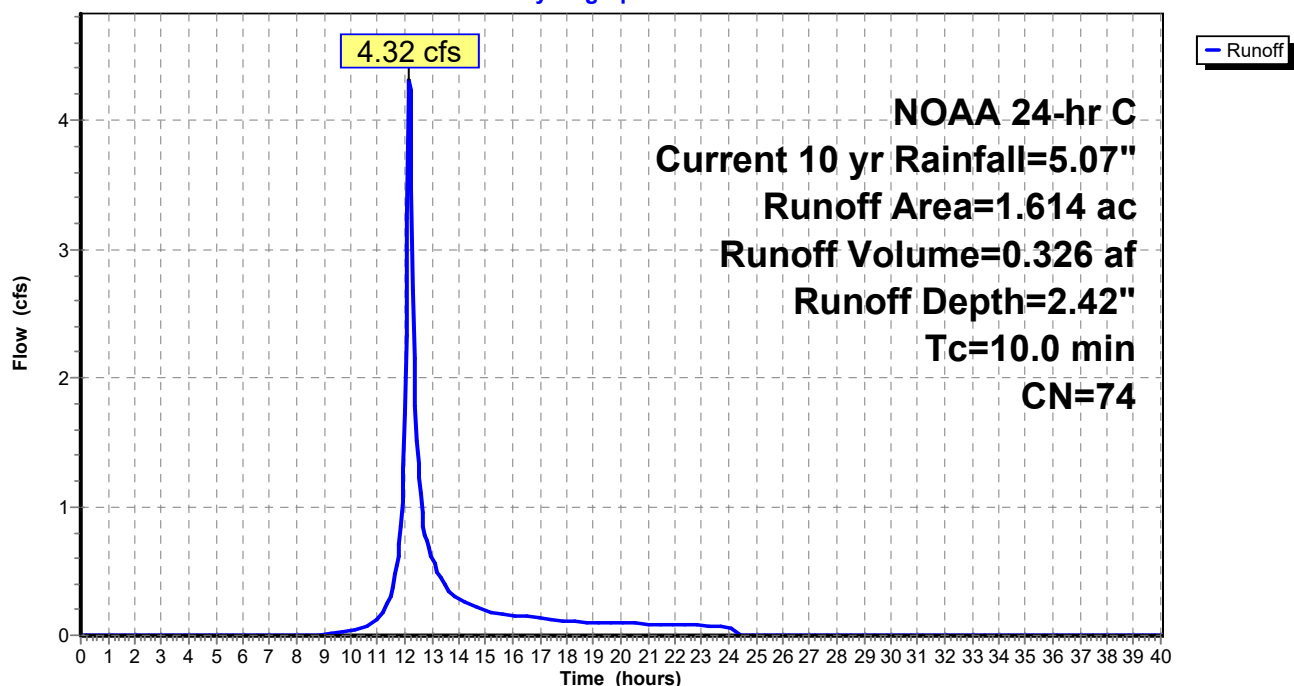
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.614	74	>75% Grass cover, Good, HSG C
1.614		100.00% Pervious Area

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



Hydrograph for Subcatchment 21P: PDA-21 (pervious)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.60
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.57
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.54
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.51
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.48
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.46
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.44
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.43
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.41
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.39
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.38
10.95	1.20	0.06	0.12	13.55	4.04	1.62	0.36
11.00	1.22	0.07	0.13	13.60	4.05	1.63	0.34
11.05	1.24	0.07	0.14	13.65	4.06	1.64	0.33
11.10	1.26	0.08	0.15	13.70	4.08	1.65	0.31
11.15	1.29	0.08	0.17	13.75	4.09	1.66	0.31
11.20	1.31	0.09	0.18	13.80	4.10	1.67	0.30
11.25	1.34	0.10	0.20	13.85	4.11	1.68	0.30
11.30	1.37	0.11	0.22	13.90	4.12	1.69	0.29
11.35	1.40	0.12	0.24	13.95	4.13	1.70	0.29
11.40	1.43	0.13	0.26	14.00	4.15	1.70	0.28
11.45	1.47	0.14	0.28	14.05	4.16	1.71	0.28
11.50	1.50	0.15	0.30	14.10	4.17	1.72	0.27
11.55	1.55	0.16	0.33	14.15	4.18	1.73	0.27
11.60	1.60	0.18	0.39	14.20	4.19	1.74	0.27
11.65	1.65	0.20	0.47	14.25	4.20	1.74	0.26
11.70	1.71	0.22	0.55	14.30	4.21	1.75	0.26
11.75	1.78	0.25	0.62	14.35	4.22	1.76	0.25
11.80	1.86	0.29	0.71	14.40	4.23	1.77	0.25
11.85	1.96	0.33	0.85	14.45	4.24	1.77	0.24
11.90	2.06	0.38	1.04	14.50	4.25	1.78	0.24
11.95	2.24	0.47	1.30	14.55	4.26	1.79	0.23
12.00	2.42	0.56	1.72	14.60	4.27	1.79	0.23
12.05	2.71	0.73	2.33	14.65	4.27	1.80	0.23
12.10	3.01	0.91	3.23	14.70	4.28	1.81	0.22
12.15	3.11	0.98	4.18	14.75	4.29	1.81	0.22
12.20	3.21	1.05	4.24	14.80	4.30	1.82	0.21
12.25	3.29	1.10	3.47	14.85	4.31	1.82	0.21
12.30	3.36	1.15	2.68	14.90	4.31	1.83	0.20
12.35	3.42	1.18	2.16	14.95	4.32	1.84	0.20
12.40	3.47	1.22	1.78	15.00	4.33	1.84	0.19
12.45	3.52	1.25	1.51	15.05	4.34	1.85	0.19
12.50	3.57	1.29	1.34	15.10	4.34	1.85	0.18
12.55	3.60	1.31	1.23	15.15	4.35	1.86	0.18
12.60	3.64	1.34	1.10	15.20	4.36	1.86	0.18
12.65	3.67	1.36	0.95	15.25	4.36	1.87	0.18
12.70	3.70	1.38	0.84	15.30	4.37	1.87	0.17
12.75	3.73	1.40	0.77	15.35	4.38	1.88	0.17
12.80	3.76	1.42	0.73	15.40	4.39	1.88	0.17
12.85	3.78	1.44	0.69	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.66	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.63	15.55	4.41	1.90	0.17

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.17	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.17	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.16	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.16	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.16	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.16	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.16	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.15	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.15	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.15	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.15	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.15	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.14	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.14	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.14	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.13	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.13	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.09
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.09
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.13	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.12	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.12	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.12	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.11	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.10	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.08	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 22I: PDA-22 (impervious)

Runoff = 3.75 cfs @ 12.17 hrs, Volume= 0.327 af, Depth= 4.83"
 Routed to Pond B-22 : Basin #22

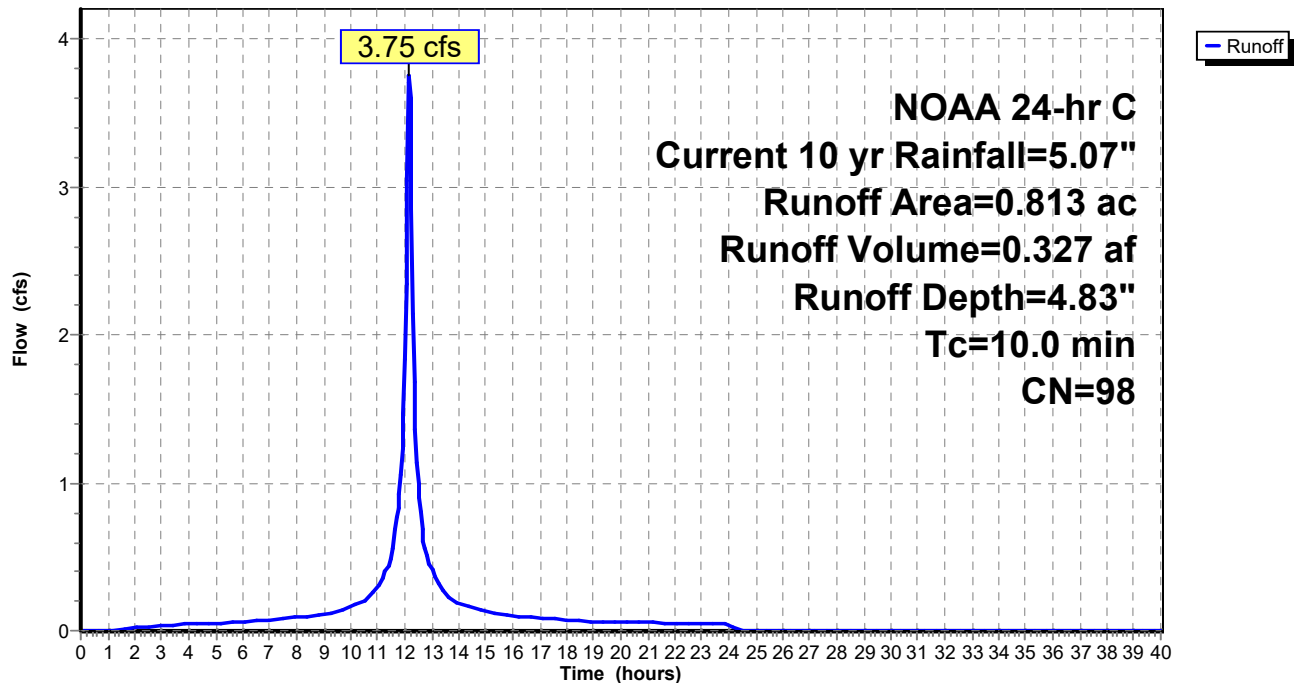
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.083	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.023	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



Hydrograph for Subcatchment 22I: PDA-22 (impervious)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.10
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.10
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.10
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.10
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.10
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.11
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.11
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.11
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.11
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.11
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.11
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.12
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.12
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.13
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.13
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.13
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.14
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.14
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.14
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.15
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.15
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.15
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.16
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.16
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.16
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.17
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.17
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.17
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.18
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.18
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.18
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.18
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.19

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.19	13.00	3.85	3.62	0.42
10.45	1.03	0.82	0.19	13.05	3.87	3.64	0.40
10.50	1.04	0.83	0.20	13.10	3.89	3.66	0.38
10.55	1.06	0.85	0.20	13.15	3.91	3.68	0.35
10.60	1.07	0.86	0.21	13.20	3.93	3.70	0.34
10.65	1.09	0.88	0.22	13.25	3.95	3.71	0.32
10.70	1.10	0.89	0.23	13.30	3.97	3.73	0.31
10.75	1.12	0.91	0.24	13.35	3.98	3.75	0.29
10.80	1.14	0.93	0.25	13.40	4.00	3.76	0.28
10.85	1.16	0.94	0.26	13.45	4.01	3.78	0.27
10.90	1.18	0.96	0.27	13.50	4.03	3.79	0.26
10.95	1.20	0.98	0.29	13.55	4.04	3.80	0.25
11.00	1.22	1.00	0.30	13.60	4.05	3.82	0.23
11.05	1.24	1.02	0.31	13.65	4.06	3.83	0.22
11.10	1.26	1.05	0.33	13.70	4.08	3.84	0.21
11.15	1.29	1.07	0.34	13.75	4.09	3.85	0.21
11.20	1.31	1.10	0.37	13.80	4.10	3.86	0.20
11.25	1.34	1.12	0.39	13.85	4.11	3.88	0.20
11.30	1.37	1.15	0.41	13.90	4.12	3.89	0.20
11.35	1.40	1.18	0.43	13.95	4.13	3.90	0.19
11.40	1.43	1.21	0.45	14.00	4.15	3.91	0.19
11.45	1.47	1.25	0.47	14.05	4.16	3.92	0.19
11.50	1.50	1.28	0.50	14.10	4.17	3.93	0.18
11.55	1.55	1.33	0.52	14.15	4.18	3.94	0.18
11.60	1.60	1.38	0.59	14.20	4.19	3.95	0.18
11.65	1.65	1.43	0.69	14.25	4.20	3.96	0.18
11.70	1.71	1.49	0.77	14.30	4.21	3.97	0.17
11.75	1.78	1.56	0.83	14.35	4.22	3.98	0.17
11.80	1.86	1.63	0.93	14.40	4.23	3.99	0.17
11.85	1.96	1.73	1.06	14.45	4.24	4.00	0.16
11.90	2.06	1.84	1.23	14.50	4.25	4.01	0.16
11.95	2.24	2.01	1.47	14.55	4.26	4.02	0.16
12.00	2.42	2.19	1.84	14.60	4.27	4.03	0.15
12.05	2.71	2.48	2.34	14.65	4.27	4.04	0.15
12.10	3.01	2.78	3.04	14.70	4.28	4.05	0.15
12.15	3.11	2.88	3.70	14.75	4.29	4.06	0.14
12.20	3.21	2.98	3.60	14.80	4.30	4.06	0.14
12.25	3.29	3.05	2.85	14.85	4.31	4.07	0.14
12.30	3.36	3.13	2.15	14.90	4.31	4.08	0.14
12.35	3.42	3.18	1.69	14.95	4.32	4.09	0.13
12.40	3.47	3.24	1.37	15.00	4.33	4.09	0.13
12.45	3.52	3.29	1.14	15.05	4.34	4.10	0.13
12.50	3.57	3.34	1.00	15.10	4.34	4.11	0.12
12.55	3.60	3.37	0.91	15.15	4.35	4.12	0.12
12.60	3.64	3.40	0.80	15.20	4.36	4.12	0.12
12.65	3.67	3.43	0.69	15.25	4.36	4.13	0.12
12.70	3.70	3.47	0.60	15.30	4.37	4.14	0.11
12.75	3.73	3.49	0.55	15.35	4.38	4.14	0.11
12.80	3.76	3.52	0.52	15.40	4.39	4.15	0.11
12.85	3.78	3.55	0.49	15.45	4.39	4.16	0.11
12.90	3.81	3.57	0.47	15.50	4.40	4.16	0.11
12.95	3.83	3.60	0.44	15.55	4.41	4.17	0.11

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.11	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.11	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.11	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.11	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.11	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.10	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.10	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.10	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.10	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.10	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.10	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.10	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.10	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.10	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.10	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.10	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.09	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.09	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.09	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.09	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.09	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.09	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.09	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.09	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.09	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.08	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.08	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.08	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 22P: PDA-22 (pervious)

Runoff = 4.40 cfs @ 12.18 hrs, Volume= 0.332 af, Depth= 2.42"
 Routed to Pond B-22 : Basin #22

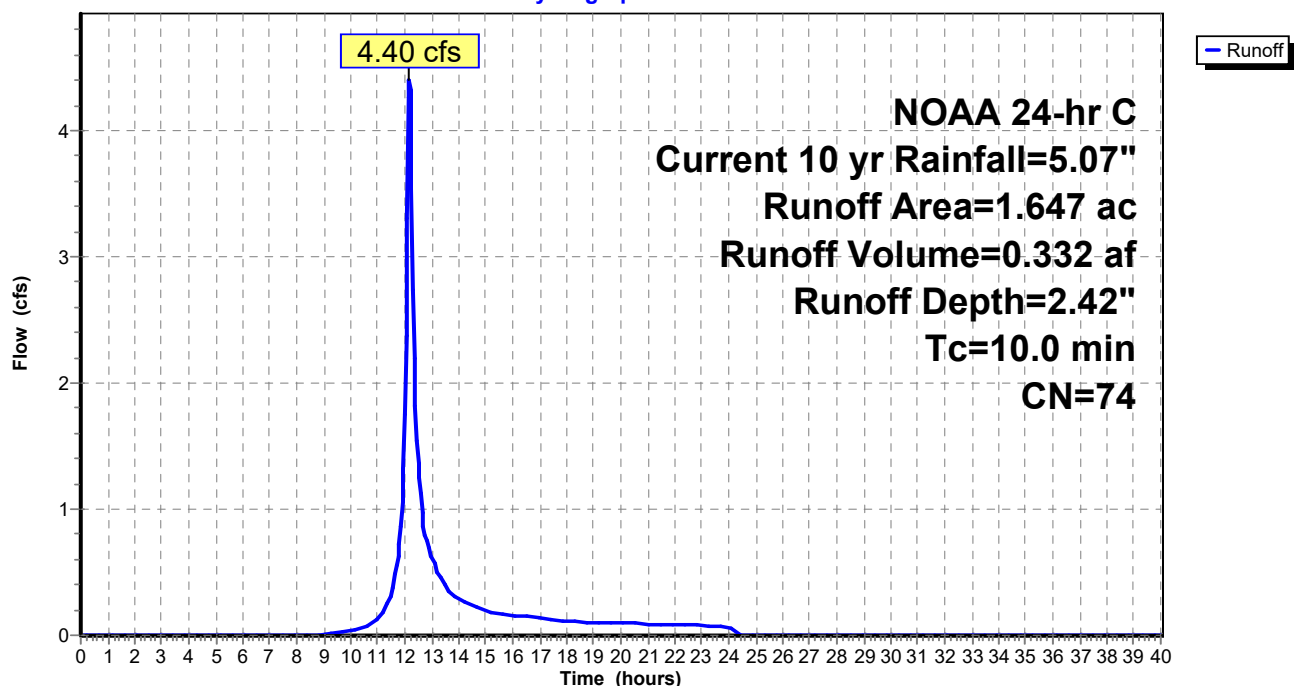
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.647	74	>75% Grass cover, Good, HSG C
1.647		100.00% Pervious Area

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



Hydrograph for Subcatchment 22P: PDA-22 (pervious)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.05
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.61
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.58
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.55
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.52
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.49
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.47
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.45
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.44
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.42
10.85	1.16	0.05	0.11	13.45	4.01	1.60	0.40
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.38
10.95	1.20	0.06	0.12	13.55	4.04	1.62	0.37
11.00	1.22	0.07	0.13	13.60	4.05	1.63	0.35
11.05	1.24	0.07	0.14	13.65	4.06	1.64	0.33
11.10	1.26	0.08	0.16	13.70	4.08	1.65	0.32
11.15	1.29	0.08	0.17	13.75	4.09	1.66	0.31
11.20	1.31	0.09	0.19	13.80	4.10	1.67	0.31
11.25	1.34	0.10	0.21	13.85	4.11	1.68	0.30
11.30	1.37	0.11	0.22	13.90	4.12	1.69	0.30
11.35	1.40	0.12	0.24	13.95	4.13	1.70	0.29
11.40	1.43	0.13	0.27	14.00	4.15	1.70	0.29
11.45	1.47	0.14	0.29	14.05	4.16	1.71	0.28
11.50	1.50	0.15	0.31	14.10	4.17	1.72	0.28
11.55	1.55	0.16	0.34	14.15	4.18	1.73	0.27
11.60	1.60	0.18	0.40	14.20	4.19	1.74	0.27
11.65	1.65	0.20	0.48	14.25	4.20	1.74	0.27
11.70	1.71	0.22	0.56	14.30	4.21	1.75	0.26
11.75	1.78	0.25	0.63	14.35	4.22	1.76	0.26
11.80	1.86	0.29	0.73	14.40	4.23	1.77	0.25
11.85	1.96	0.33	0.87	14.45	4.24	1.77	0.25
11.90	2.06	0.38	1.06	14.50	4.25	1.78	0.24
11.95	2.24	0.47	1.32	14.55	4.26	1.79	0.24
12.00	2.42	0.56	1.76	14.60	4.27	1.79	0.23
12.05	2.71	0.73	2.38	14.65	4.27	1.80	0.23
12.10	3.01	0.91	3.30	14.70	4.28	1.81	0.23
12.15	3.11	0.98	4.27	14.75	4.29	1.81	0.22
12.20	3.21	1.05	4.33	14.80	4.30	1.82	0.22
12.25	3.29	1.10	3.54	14.85	4.31	1.82	0.21
12.30	3.36	1.15	2.74	14.90	4.31	1.83	0.21
12.35	3.42	1.18	2.20	14.95	4.32	1.84	0.20
12.40	3.47	1.22	1.82	15.00	4.33	1.84	0.20
12.45	3.52	1.25	1.54	15.05	4.34	1.85	0.19
12.50	3.57	1.29	1.37	15.10	4.34	1.85	0.19
12.55	3.60	1.31	1.26	15.15	4.35	1.86	0.18
12.60	3.64	1.34	1.12	15.20	4.36	1.86	0.18
12.65	3.67	1.36	0.97	15.25	4.36	1.87	0.18
12.70	3.70	1.38	0.86	15.30	4.37	1.87	0.18
12.75	3.73	1.40	0.79	15.35	4.38	1.88	0.18
12.80	3.76	1.42	0.74	15.40	4.39	1.88	0.17
12.85	3.78	1.44	0.71	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.67	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.64	15.55	4.41	1.90	0.17

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.17	18.20	4.68	2.12	0.11
15.65	4.42	1.91	0.17	18.25	4.69	2.12	0.11
15.70	4.42	1.91	0.17	18.30	4.69	2.12	0.11
15.75	4.43	1.92	0.17	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.16	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.16	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.16	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.16	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.16	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.16	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.15	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.15	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.15	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.15	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.14	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.14	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.13	19.85	4.81	2.21	0.10
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.10
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.10
17.40	4.61	2.06	0.13	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.12	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.12	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.08
21.50	4.92	2.30	0.09	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.09	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.08	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.08	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 23I: PDA-23 (impervious)

Runoff = 3.80 cfs @ 12.17 hrs, Volume= 0.331 af, Depth= 4.83"
 Routed to Pond B-23 : Basin #23

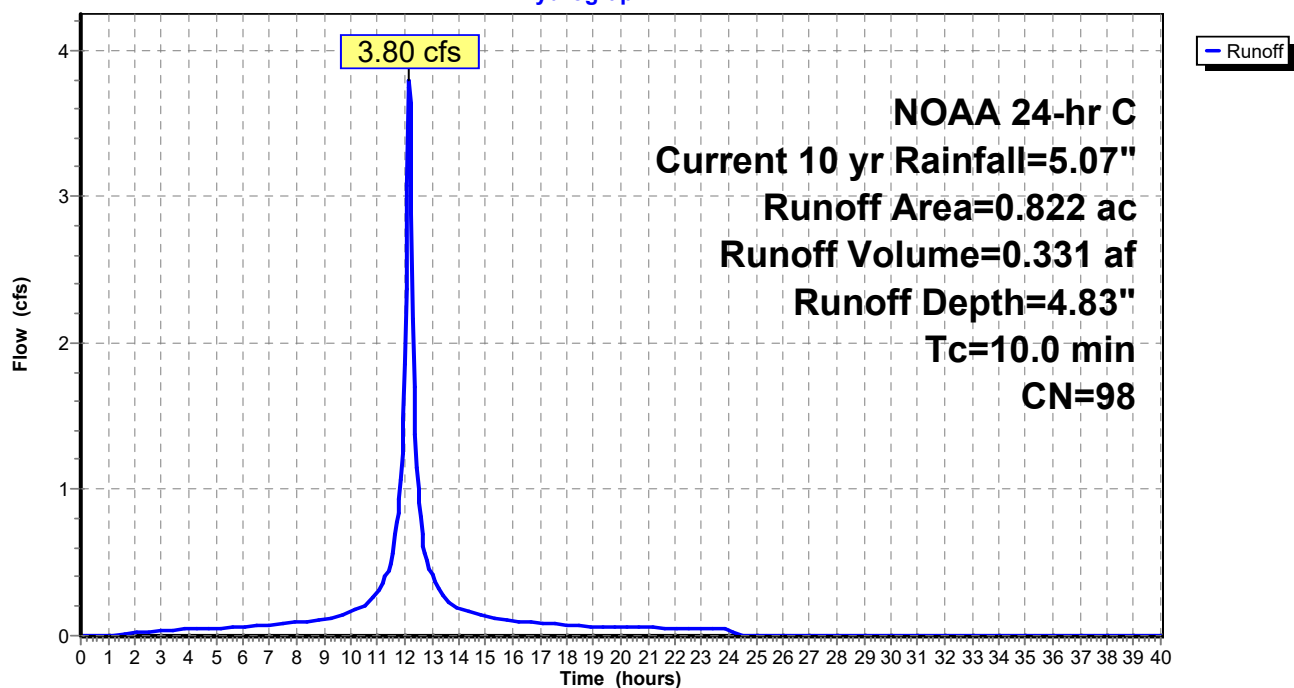
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.719	98	Pavement, HSG C
* 0.103	98	Concrete, HSG C
0.000	98	Roofs, HSG C
0.822	98	Weighted Average
0.822		100.00% Impervious Area

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



Hydrograph for Subcatchment 23I: PDA-23 (impervious)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.10
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.10
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.10
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.10
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.11
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.11
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.11
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.11
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.11
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.11
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.12
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.12
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.12
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.13
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.13
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.14
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.14
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.14
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.15
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.15
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.15
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.16
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.16
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.16
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.16
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.17
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.17
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.17
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.18
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.18
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.18
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.19
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.19

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.19	13.00	3.85	3.62	0.42
10.45	1.03	0.82	0.20	13.05	3.87	3.64	0.40
10.50	1.04	0.83	0.20	13.10	3.89	3.66	0.38
10.55	1.06	0.85	0.20	13.15	3.91	3.68	0.36
10.60	1.07	0.86	0.21	13.20	3.93	3.70	0.34
10.65	1.09	0.88	0.22	13.25	3.95	3.71	0.32
10.70	1.10	0.89	0.23	13.30	3.97	3.73	0.31
10.75	1.12	0.91	0.24	13.35	3.98	3.75	0.30
10.80	1.14	0.93	0.25	13.40	4.00	3.76	0.29
10.85	1.16	0.94	0.26	13.45	4.01	3.78	0.27
10.90	1.18	0.96	0.28	13.50	4.03	3.79	0.26
10.95	1.20	0.98	0.29	13.55	4.04	3.80	0.25
11.00	1.22	1.00	0.30	13.60	4.05	3.82	0.24
11.05	1.24	1.02	0.31	13.65	4.06	3.83	0.23
11.10	1.26	1.05	0.33	13.70	4.08	3.84	0.22
11.15	1.29	1.07	0.35	13.75	4.09	3.85	0.21
11.20	1.31	1.10	0.37	13.80	4.10	3.86	0.21
11.25	1.34	1.12	0.39	13.85	4.11	3.88	0.20
11.30	1.37	1.15	0.41	13.90	4.12	3.89	0.20
11.35	1.40	1.18	0.44	13.95	4.13	3.90	0.20
11.40	1.43	1.21	0.46	14.00	4.15	3.91	0.19
11.45	1.47	1.25	0.48	14.05	4.16	3.92	0.19
11.50	1.50	1.28	0.50	14.10	4.17	3.93	0.19
11.55	1.55	1.33	0.53	14.15	4.18	3.94	0.18
11.60	1.60	1.38	0.60	14.20	4.19	3.95	0.18
11.65	1.65	1.43	0.70	14.25	4.20	3.96	0.18
11.70	1.71	1.49	0.78	14.30	4.21	3.97	0.17
11.75	1.78	1.56	0.84	14.35	4.22	3.98	0.17
11.80	1.86	1.63	0.94	14.40	4.23	3.99	0.17
11.85	1.96	1.73	1.07	14.45	4.24	4.00	0.16
11.90	2.06	1.84	1.25	14.50	4.25	4.01	0.16
11.95	2.24	2.01	1.48	14.55	4.26	4.02	0.16
12.00	2.42	2.19	1.86	14.60	4.27	4.03	0.16
12.05	2.71	2.48	2.37	14.65	4.27	4.04	0.15
12.10	3.01	2.78	3.08	14.70	4.28	4.05	0.15
12.15	3.11	2.88	3.74	14.75	4.29	4.06	0.15
12.20	3.21	2.98	3.64	14.80	4.30	4.06	0.14
12.25	3.29	3.05	2.88	14.85	4.31	4.07	0.14
12.30	3.36	3.13	2.17	14.90	4.31	4.08	0.14
12.35	3.42	3.18	1.70	14.95	4.32	4.09	0.13
12.40	3.47	3.24	1.38	15.00	4.33	4.09	0.13
12.45	3.52	3.29	1.15	15.05	4.34	4.10	0.13
12.50	3.57	3.34	1.01	15.10	4.34	4.11	0.12
12.55	3.60	3.37	0.92	15.15	4.35	4.12	0.12
12.60	3.64	3.40	0.81	15.20	4.36	4.12	0.12
12.65	3.67	3.43	0.70	15.25	4.36	4.13	0.12
12.70	3.70	3.47	0.61	15.30	4.37	4.14	0.12
12.75	3.73	3.49	0.56	15.35	4.38	4.14	0.12
12.80	3.76	3.52	0.52	15.40	4.39	4.15	0.11
12.85	3.78	3.55	0.50	15.45	4.39	4.16	0.11
12.90	3.81	3.57	0.47	15.50	4.40	4.16	0.11
12.95	3.83	3.60	0.45	15.55	4.41	4.17	0.11

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.11	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.11	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.11	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.11	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.11	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.11	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.10	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.10	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.10	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.10	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.10	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.10	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.10	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.10	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.10	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.09	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.09	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.09	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.09	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.09	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.09	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.09	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.09	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.08	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.08	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.08	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 23P: PDA-23 (pervious)

Runoff = 4.35 cfs @ 12.18 hrs, Volume= 0.328 af, Depth= 2.42"
 Routed to Pond B-23 : Basin #23

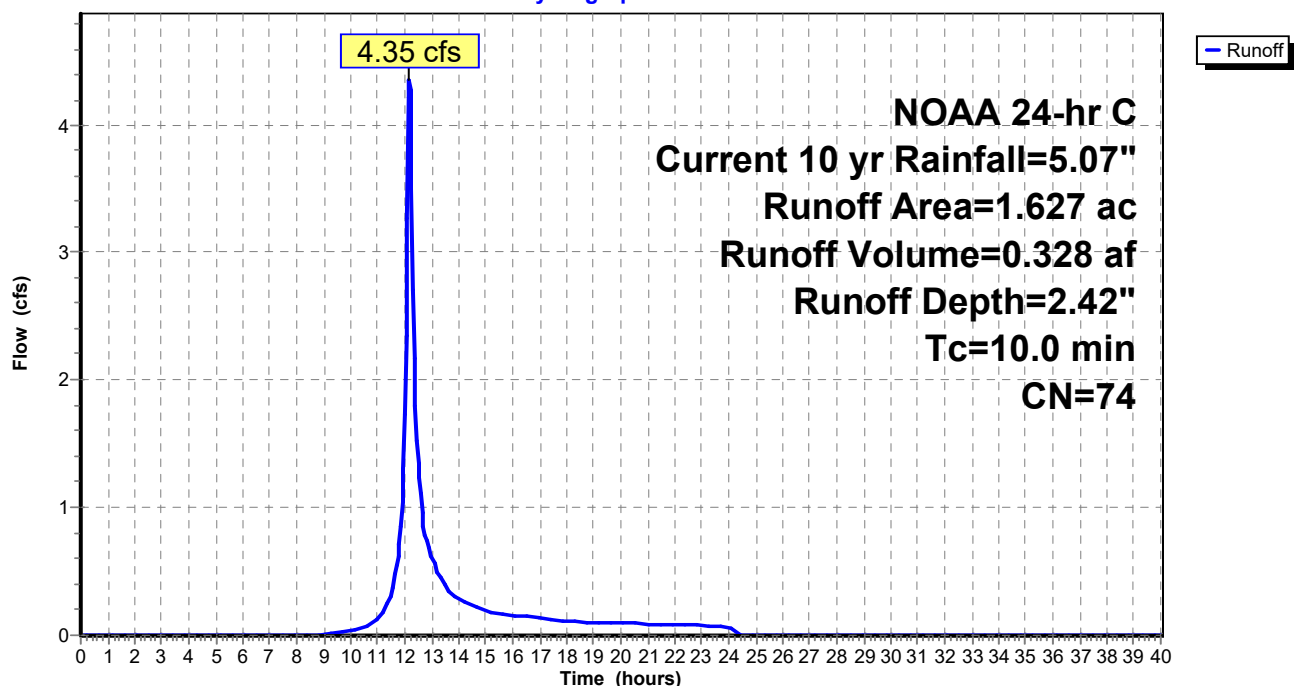
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.627	74	>75% Grass cover, Good, HSG C
1.627		100.00% Pervious Area

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



Hydrograph for Subcatchment 23P: PDA-23 (pervious)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.60
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.57
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.54
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.51
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.49
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.47
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.45
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.43
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.41
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.40
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.38
10.95	1.20	0.06	0.12	13.55	4.04	1.62	0.36
11.00	1.22	0.07	0.13	13.60	4.05	1.63	0.35
11.05	1.24	0.07	0.14	13.65	4.06	1.64	0.33
11.10	1.26	0.08	0.15	13.70	4.08	1.65	0.32
11.15	1.29	0.08	0.17	13.75	4.09	1.66	0.31
11.20	1.31	0.09	0.19	13.80	4.10	1.67	0.30
11.25	1.34	0.10	0.20	13.85	4.11	1.68	0.30
11.30	1.37	0.11	0.22	13.90	4.12	1.69	0.29
11.35	1.40	0.12	0.24	13.95	4.13	1.70	0.29
11.40	1.43	0.13	0.26	14.00	4.15	1.70	0.28
11.45	1.47	0.14	0.28	14.05	4.16	1.71	0.28
11.50	1.50	0.15	0.31	14.10	4.17	1.72	0.28
11.55	1.55	0.16	0.34	14.15	4.18	1.73	0.27
11.60	1.60	0.18	0.39	14.20	4.19	1.74	0.27
11.65	1.65	0.20	0.48	14.25	4.20	1.74	0.26
11.70	1.71	0.22	0.55	14.30	4.21	1.75	0.26
11.75	1.78	0.25	0.62	14.35	4.22	1.76	0.25
11.80	1.86	0.29	0.72	14.40	4.23	1.77	0.25
11.85	1.96	0.33	0.86	14.45	4.24	1.77	0.25
11.90	2.06	0.38	1.05	14.50	4.25	1.78	0.24
11.95	2.24	0.47	1.31	14.55	4.26	1.79	0.24
12.00	2.42	0.56	1.74	14.60	4.27	1.79	0.23
12.05	2.71	0.73	2.35	14.65	4.27	1.80	0.23
12.10	3.01	0.91	3.26	14.70	4.28	1.81	0.22
12.15	3.11	0.98	4.21	14.75	4.29	1.81	0.22
12.20	3.21	1.05	4.27	14.80	4.30	1.82	0.21
12.25	3.29	1.10	3.49	14.85	4.31	1.82	0.21
12.30	3.36	1.15	2.70	14.90	4.31	1.83	0.20
12.35	3.42	1.18	2.17	14.95	4.32	1.84	0.20
12.40	3.47	1.22	1.80	15.00	4.33	1.84	0.20
12.45	3.52	1.25	1.52	15.05	4.34	1.85	0.19
12.50	3.57	1.29	1.35	15.10	4.34	1.85	0.19
12.55	3.60	1.31	1.24	15.15	4.35	1.86	0.18
12.60	3.64	1.34	1.11	15.20	4.36	1.86	0.18
12.65	3.67	1.36	0.96	15.25	4.36	1.87	0.18
12.70	3.70	1.38	0.85	15.30	4.37	1.87	0.17
12.75	3.73	1.40	0.78	15.35	4.38	1.88	0.17
12.80	3.76	1.42	0.73	15.40	4.39	1.88	0.17
12.85	3.78	1.44	0.70	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.67	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.63	15.55	4.41	1.90	0.17

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.17	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.17	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.17	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.16	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.16	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.16	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.16	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.16	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.15	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.15	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.15	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.15	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.15	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.14	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.14	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.13	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.13	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.12	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.12	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.08
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 24I: PDA-24 (impervious)

Runoff = 4.16 cfs @ 12.17 hrs, Volume= 0.363 af, Depth= 4.83"
 Routed to Pond B-24 : Basin #24

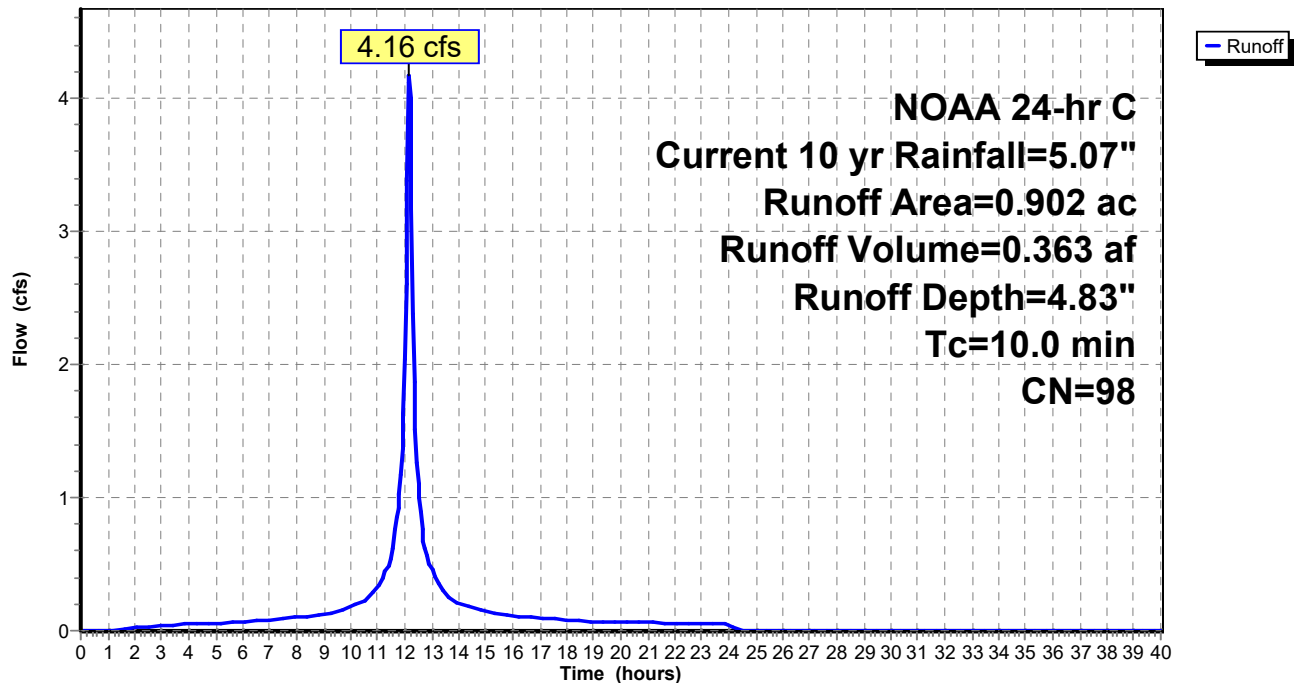
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



Hydrograph for Subcatchment 24I: PDA-24 (impervious)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.13
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.14
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.15
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.15
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.16
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.16
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.17
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.17
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.18
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.19
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.20
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.10	10.30	0.99	0.79	0.21
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.21

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.47
10.45	1.03	0.82	0.22	13.05	3.87	3.64	0.44
10.50	1.04	0.83	0.22	13.10	3.89	3.66	0.42
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.39
10.60	1.07	0.86	0.23	13.20	3.93	3.70	0.37
10.65	1.09	0.88	0.24	13.25	3.95	3.71	0.36
10.70	1.10	0.89	0.25	13.30	3.97	3.73	0.34
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.33
10.80	1.14	0.93	0.28	13.40	4.00	3.76	0.31
10.85	1.16	0.94	0.29	13.45	4.01	3.78	0.30
10.90	1.18	0.96	0.30	13.50	4.03	3.79	0.29
10.95	1.20	0.98	0.32	13.55	4.04	3.80	0.27
11.00	1.22	1.00	0.33	13.60	4.05	3.82	0.26
11.05	1.24	1.02	0.34	13.65	4.06	3.83	0.25
11.10	1.26	1.05	0.36	13.70	4.08	3.84	0.24
11.15	1.29	1.07	0.38	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.41	13.80	4.10	3.86	0.23
11.25	1.34	1.12	0.43	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.45	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.48	13.95	4.13	3.90	0.22
11.40	1.43	1.21	0.50	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.53	14.05	4.16	3.92	0.21
11.50	1.50	1.28	0.55	14.10	4.17	3.93	0.21
11.55	1.55	1.33	0.58	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.66	14.20	4.19	3.95	0.20
11.65	1.65	1.43	0.77	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.86	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.92	14.35	4.22	3.98	0.19
11.80	1.86	1.63	1.03	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.17	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.37	14.50	4.25	4.01	0.18
11.95	2.24	2.01	1.63	14.55	4.26	4.02	0.17
12.00	2.42	2.19	2.04	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.60	14.65	4.27	4.04	0.17
12.10	3.01	2.78	3.37	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.11	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.99	14.80	4.30	4.06	0.16
12.25	3.29	3.05	3.16	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.38	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.87	14.95	4.32	4.09	0.15
12.40	3.47	3.24	1.52	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.27	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.11	15.10	4.34	4.11	0.14
12.55	3.60	3.37	1.00	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.89	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.76	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.67	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.61	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.58	15.40	4.39	4.15	0.13
12.85	3.78	3.55	0.55	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.52	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.49	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.12	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.11	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.10	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.07
17.60	4.63	4.40	0.09	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.08	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.06	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 4.03 cfs @ 12.18 hrs, Volume= 0.304 af, Depth= 2.42"
 Routed to Pond B-24 : Basin #24

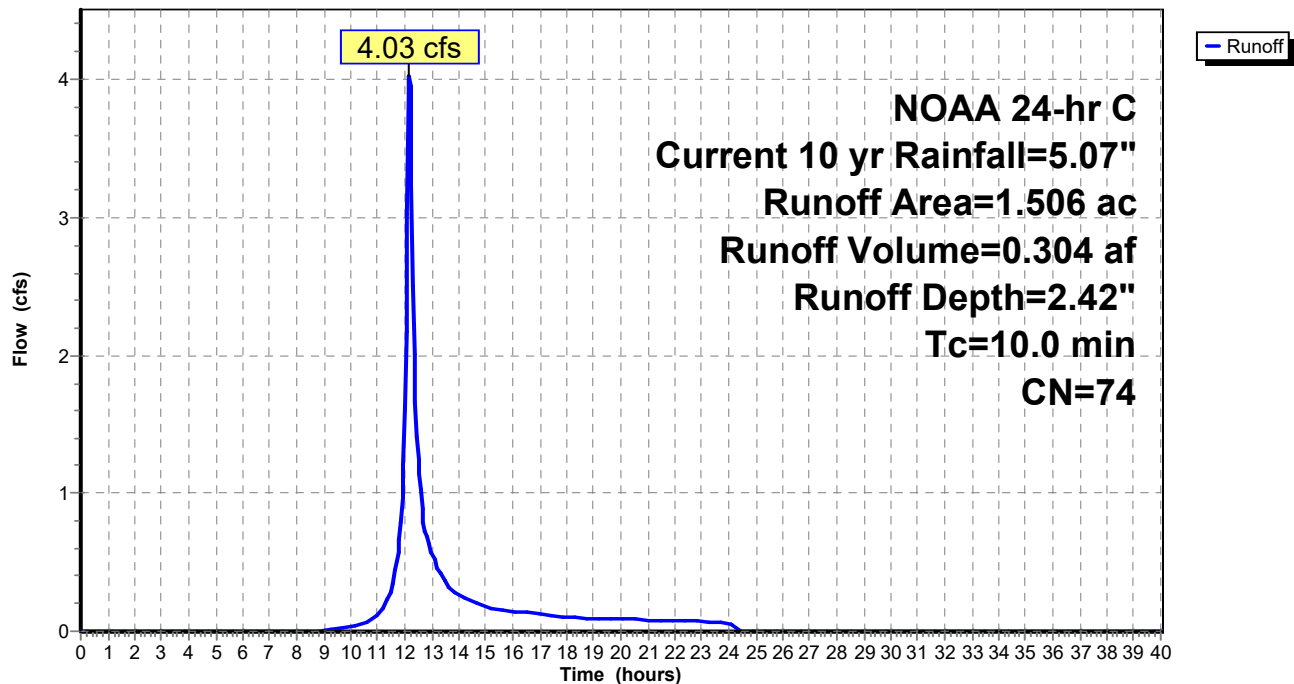
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.56
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.53
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.50
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.47
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.45
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.43
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.41
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.40
10.80	1.14	0.05	0.09	13.40	4.00	1.59	0.38
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.37
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.35
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.34
11.00	1.22	0.07	0.12	13.60	4.05	1.63	0.32
11.05	1.24	0.07	0.13	13.65	4.06	1.64	0.31
11.10	1.26	0.08	0.14	13.70	4.08	1.65	0.29
11.15	1.29	0.08	0.16	13.75	4.09	1.66	0.29
11.20	1.31	0.09	0.17	13.80	4.10	1.67	0.28
11.25	1.34	0.10	0.19	13.85	4.11	1.68	0.28
11.30	1.37	0.11	0.21	13.90	4.12	1.69	0.27
11.35	1.40	0.12	0.22	13.95	4.13	1.70	0.27
11.40	1.43	0.13	0.24	14.00	4.15	1.70	0.26
11.45	1.47	0.14	0.26	14.05	4.16	1.71	0.26
11.50	1.50	0.15	0.28	14.10	4.17	1.72	0.26
11.55	1.55	0.16	0.31	14.15	4.18	1.73	0.25
11.60	1.60	0.18	0.37	14.20	4.19	1.74	0.25
11.65	1.65	0.20	0.44	14.25	4.20	1.74	0.24
11.70	1.71	0.22	0.51	14.30	4.21	1.75	0.24
11.75	1.78	0.25	0.58	14.35	4.22	1.76	0.24
11.80	1.86	0.29	0.67	14.40	4.23	1.77	0.23
11.85	1.96	0.33	0.79	14.45	4.24	1.77	0.23
11.90	2.06	0.38	0.97	14.50	4.25	1.78	0.22
11.95	2.24	0.47	1.21	14.55	4.26	1.79	0.22
12.00	2.42	0.56	1.61	14.60	4.27	1.79	0.21
12.05	2.71	0.73	2.17	14.65	4.27	1.80	0.21
12.10	3.01	0.91	3.02	14.70	4.28	1.81	0.21
12.15	3.11	0.98	3.90	14.75	4.29	1.81	0.20
12.20	3.21	1.05	3.95	14.80	4.30	1.82	0.20
12.25	3.29	1.10	3.23	14.85	4.31	1.82	0.19
12.30	3.36	1.15	2.50	14.90	4.31	1.83	0.19
12.35	3.42	1.18	2.01	14.95	4.32	1.84	0.19
12.40	3.47	1.22	1.66	15.00	4.33	1.84	0.18
12.45	3.52	1.25	1.41	15.05	4.34	1.85	0.18
12.50	3.57	1.29	1.25	15.10	4.34	1.85	0.17
12.55	3.60	1.31	1.15	15.15	4.35	1.86	0.17
12.60	3.64	1.34	1.03	15.20	4.36	1.86	0.17
12.65	3.67	1.36	0.89	15.25	4.36	1.87	0.16
12.70	3.70	1.38	0.78	15.30	4.37	1.87	0.16
12.75	3.73	1.40	0.72	15.35	4.38	1.88	0.16
12.80	3.76	1.42	0.68	15.40	4.39	1.88	0.16
12.85	3.78	1.44	0.65	15.45	4.39	1.89	0.16
12.90	3.81	1.46	0.62	15.50	4.40	1.89	0.16
12.95	3.83	1.47	0.59	15.55	4.41	1.90	0.16

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.16	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.15	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.15	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.15	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.15	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.15	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.15	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.15	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.15	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.15	18.65	4.72	2.14	0.09
16.10	4.47	1.95	0.14	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.14	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.14	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.14	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.14	18.90	4.74	2.16	0.09
16.35	4.50	1.98	0.14	18.95	4.74	2.16	0.09
16.40	4.51	1.98	0.14	19.00	4.75	2.16	0.09
16.45	4.52	1.98	0.14	19.05	4.75	2.17	0.09
16.50	4.52	1.99	0.14	19.10	4.76	2.17	0.09
16.55	4.53	1.99	0.13	19.15	4.76	2.17	0.09
16.60	4.53	2.00	0.13	19.20	4.76	2.18	0.09
16.65	4.54	2.00	0.13	19.25	4.77	2.18	0.09
16.70	4.54	2.01	0.13	19.30	4.77	2.18	0.09
16.75	4.55	2.01	0.13	19.35	4.77	2.19	0.09
16.80	4.55	2.01	0.13	19.40	4.78	2.19	0.09
16.85	4.56	2.02	0.13	19.45	4.78	2.19	0.09
16.90	4.57	2.02	0.13	19.50	4.79	2.19	0.09
16.95	4.57	2.03	0.13	19.55	4.79	2.20	0.09
17.00	4.58	2.03	0.12	19.60	4.79	2.20	0.09
17.05	4.58	2.03	0.12	19.65	4.80	2.20	0.09
17.10	4.59	2.04	0.12	19.70	4.80	2.21	0.09
17.15	4.59	2.04	0.12	19.75	4.80	2.21	0.09
17.20	4.60	2.05	0.12	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.12	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.12	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.12	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.11	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.11	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.11	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.11	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.11	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.11	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.11	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.11	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.10	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.10	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.10	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.10	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.10	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.10	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.10	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.08	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.08	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.08	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.08	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.08	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.08	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.08	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.08	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.08	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.08	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.08	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.07	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 4.04 cfs @ 12.17 hrs, Volume= 0.352 af, Depth= 4.83"
 Routed to Pond B-25 : Basin #25

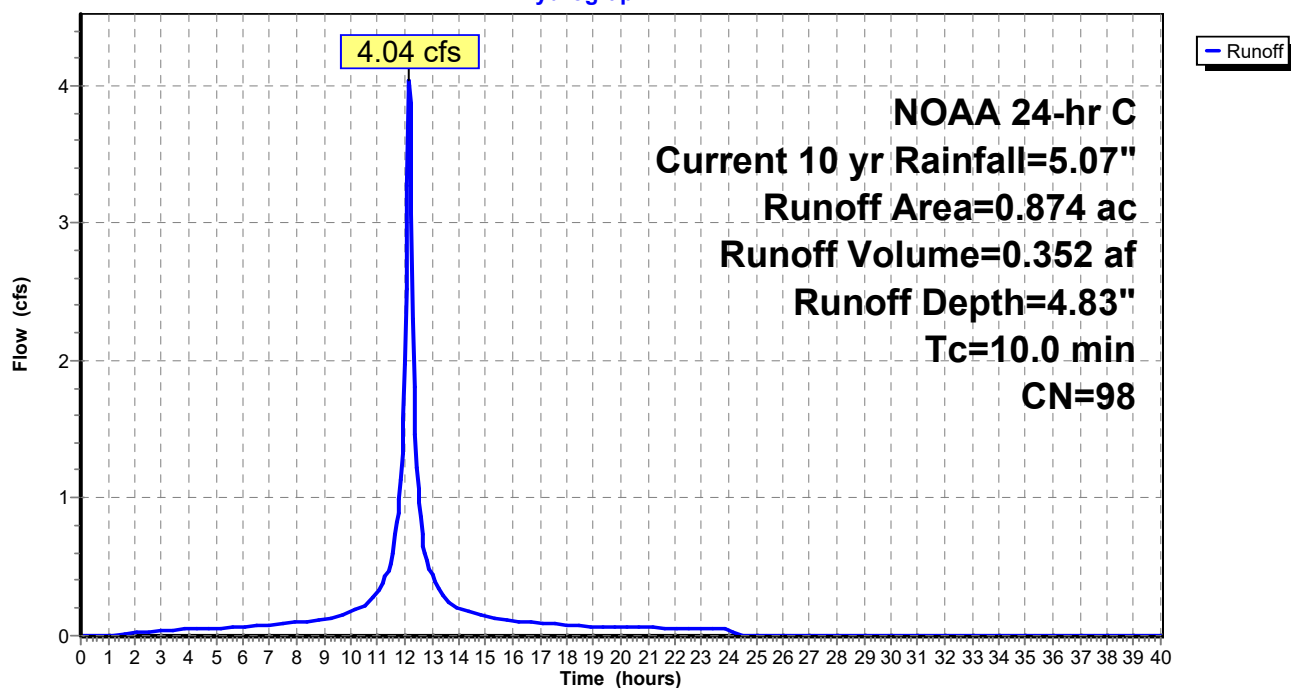
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.10
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.11
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.11
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.11
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.12
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.13
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.14
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.14
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.15
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.15
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.16
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.16
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.17
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.18
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.19
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.20
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.20

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.45
10.45	1.03	0.82	0.21	13.05	3.87	3.64	0.43
10.50	1.04	0.83	0.21	13.10	3.89	3.66	0.40
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.38
10.60	1.07	0.86	0.22	13.20	3.93	3.70	0.36
10.65	1.09	0.88	0.23	13.25	3.95	3.71	0.34
10.70	1.10	0.89	0.24	13.30	3.97	3.73	0.33
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.32
10.80	1.14	0.93	0.27	13.40	4.00	3.76	0.30
10.85	1.16	0.94	0.28	13.45	4.01	3.78	0.29
10.90	1.18	0.96	0.29	13.50	4.03	3.79	0.28
10.95	1.20	0.98	0.31	13.55	4.04	3.80	0.26
11.00	1.22	1.00	0.32	13.60	4.05	3.82	0.25
11.05	1.24	1.02	0.33	13.65	4.06	3.83	0.24
11.10	1.26	1.05	0.35	13.70	4.08	3.84	0.23
11.15	1.29	1.07	0.37	13.75	4.09	3.85	0.22
11.20	1.31	1.10	0.39	13.80	4.10	3.86	0.22
11.25	1.34	1.12	0.42	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.44	13.90	4.12	3.89	0.21
11.35	1.40	1.18	0.46	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.49	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.51	14.05	4.16	3.92	0.20
11.50	1.50	1.28	0.53	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.56	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.64	14.20	4.19	3.95	0.19
11.65	1.65	1.43	0.74	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.83	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.90	14.35	4.22	3.98	0.18
11.80	1.86	1.63	0.99	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.13	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.32	14.50	4.25	4.01	0.17
11.95	2.24	2.01	1.58	14.55	4.26	4.02	0.17
12.00	2.42	2.19	1.97	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.52	14.65	4.27	4.04	0.16
12.10	3.01	2.78	3.27	14.70	4.28	4.05	0.16
12.15	3.11	2.88	3.98	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.87	14.80	4.30	4.06	0.15
12.25	3.29	3.05	3.07	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.31	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.81	14.95	4.32	4.09	0.14
12.40	3.47	3.24	1.47	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.23	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.07	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.97	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.86	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.74	15.25	4.36	4.13	0.12
12.70	3.70	3.47	0.65	15.30	4.37	4.14	0.12
12.75	3.73	3.49	0.60	15.35	4.38	4.14	0.12
12.80	3.76	3.52	0.56	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.53	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.50	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.48	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.11	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.11	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.10	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.10	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.09	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.09	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 4.35 cfs @ 12.18 hrs, Volume= 0.328 af, Depth= 2.42"
 Routed to Pond B-25 : Basin #25

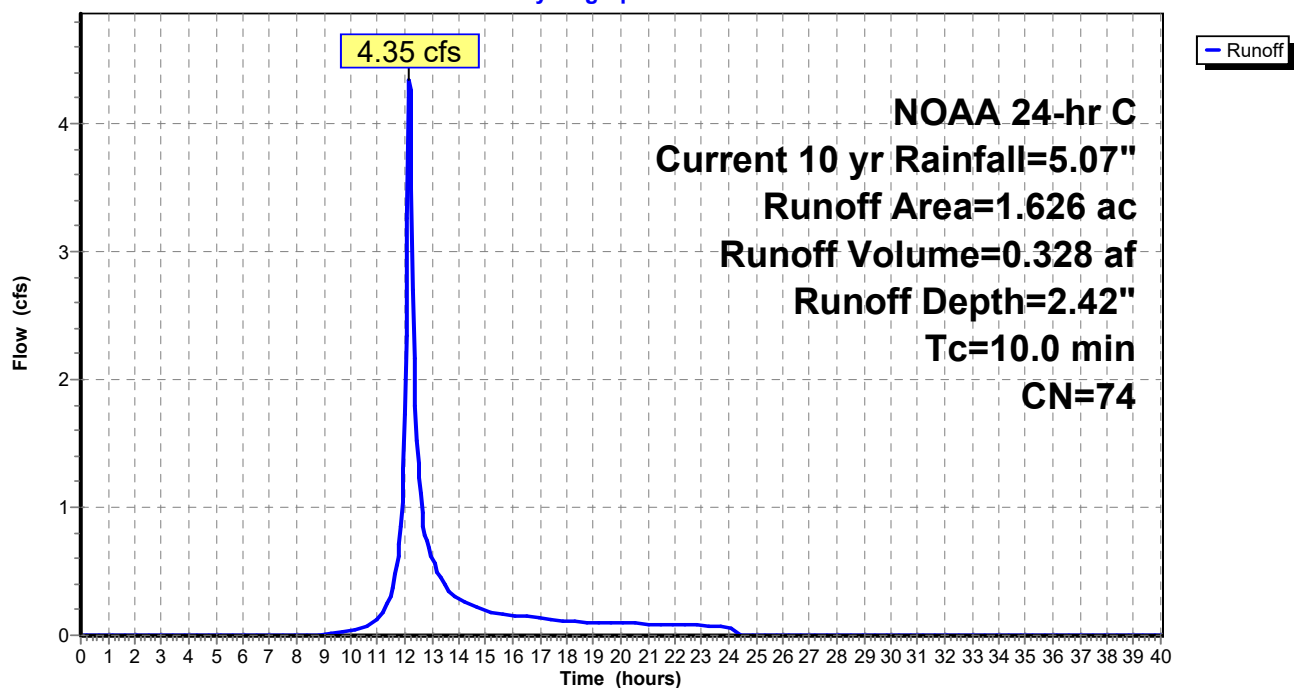
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

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

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.60
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.57
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.54
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.51
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.49
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.47
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.45
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.43
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.41
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.40
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.38
10.95	1.20	0.06	0.12	13.55	4.04	1.62	0.36
11.00	1.22	0.07	0.13	13.60	4.05	1.63	0.35
11.05	1.24	0.07	0.14	13.65	4.06	1.64	0.33
11.10	1.26	0.08	0.15	13.70	4.08	1.65	0.32
11.15	1.29	0.08	0.17	13.75	4.09	1.66	0.31
11.20	1.31	0.09	0.19	13.80	4.10	1.67	0.30
11.25	1.34	0.10	0.20	13.85	4.11	1.68	0.30
11.30	1.37	0.11	0.22	13.90	4.12	1.69	0.29
11.35	1.40	0.12	0.24	13.95	4.13	1.70	0.29
11.40	1.43	0.13	0.26	14.00	4.15	1.70	0.28
11.45	1.47	0.14	0.28	14.05	4.16	1.71	0.28
11.50	1.50	0.15	0.31	14.10	4.17	1.72	0.28
11.55	1.55	0.16	0.34	14.15	4.18	1.73	0.27
11.60	1.60	0.18	0.39	14.20	4.19	1.74	0.27
11.65	1.65	0.20	0.48	14.25	4.20	1.74	0.26
11.70	1.71	0.22	0.55	14.30	4.21	1.75	0.26
11.75	1.78	0.25	0.62	14.35	4.22	1.76	0.25
11.80	1.86	0.29	0.72	14.40	4.23	1.77	0.25
11.85	1.96	0.33	0.86	14.45	4.24	1.77	0.25
11.90	2.06	0.38	1.05	14.50	4.25	1.78	0.24
11.95	2.24	0.47	1.31	14.55	4.26	1.79	0.24
12.00	2.42	0.56	1.73	14.60	4.27	1.79	0.23
12.05	2.71	0.73	2.35	14.65	4.27	1.80	0.23
12.10	3.01	0.91	3.26	14.70	4.28	1.81	0.22
12.15	3.11	0.98	4.21	14.75	4.29	1.81	0.22
12.20	3.21	1.05	4.27	14.80	4.30	1.82	0.21
12.25	3.29	1.10	3.49	14.85	4.31	1.82	0.21
12.30	3.36	1.15	2.70	14.90	4.31	1.83	0.20
12.35	3.42	1.18	2.17	14.95	4.32	1.84	0.20
12.40	3.47	1.22	1.80	15.00	4.33	1.84	0.20
12.45	3.52	1.25	1.52	15.05	4.34	1.85	0.19
12.50	3.57	1.29	1.35	15.10	4.34	1.85	0.19
12.55	3.60	1.31	1.24	15.15	4.35	1.86	0.18
12.60	3.64	1.34	1.11	15.20	4.36	1.86	0.18
12.65	3.67	1.36	0.96	15.25	4.36	1.87	0.18
12.70	3.70	1.38	0.85	15.30	4.37	1.87	0.17
12.75	3.73	1.40	0.78	15.35	4.38	1.88	0.17
12.80	3.76	1.42	0.73	15.40	4.39	1.88	0.17
12.85	3.78	1.44	0.70	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.66	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.63	15.55	4.41	1.90	0.17

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.17	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.17	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.17	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.16	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.16	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.16	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.16	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.16	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.15	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.15	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.15	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.15	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.14	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.14	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.14	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.13	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.13	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.12	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.12	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.08
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 4.36 cfs @ 12.17 hrs, Volume= 0.380 af, Depth= 4.83"
 Routed to Pond B-26 : Basin #26

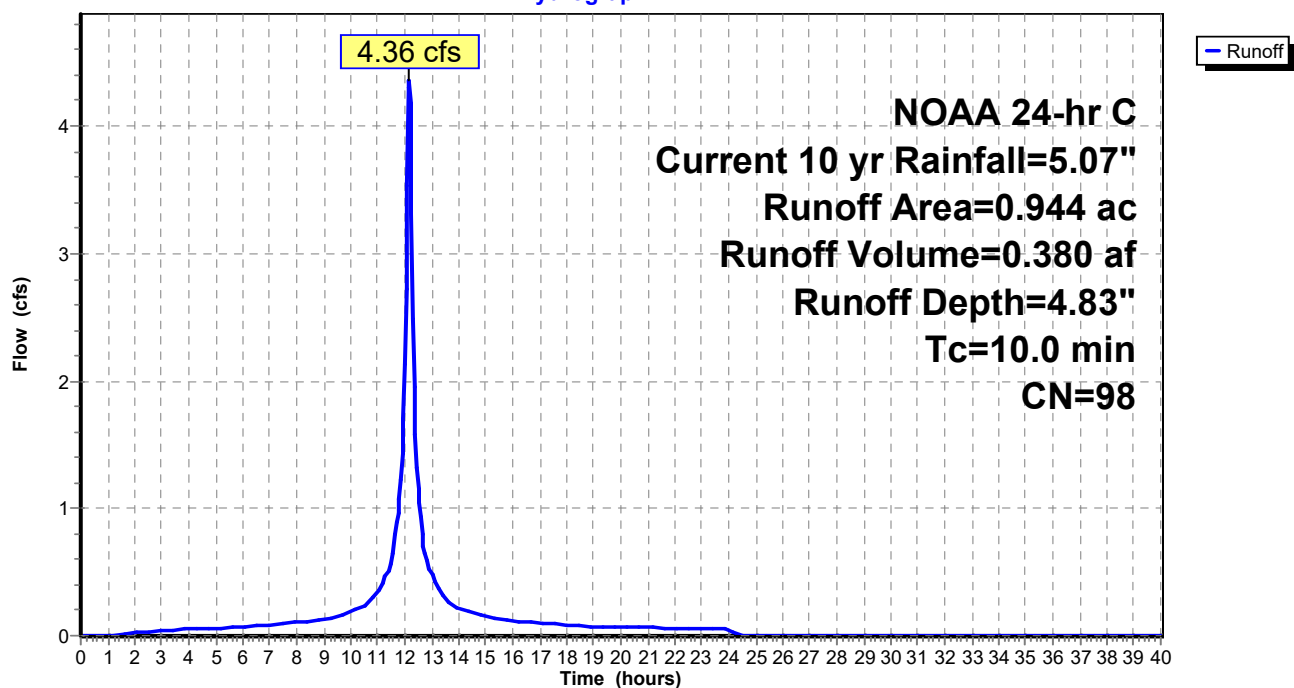
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

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

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.11
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.11
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.11
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.11
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.11
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.07	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.07	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.07	8.50	0.67	0.48	0.12
5.95	0.40	0.23	0.07	8.55	0.68	0.48	0.12
6.00	0.40	0.23	0.07	8.60	0.68	0.49	0.12
6.05	0.41	0.23	0.07	8.65	0.69	0.50	0.12
6.10	0.41	0.24	0.07	8.70	0.70	0.50	0.12
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.13
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.13
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.13
6.50	0.45	0.27	0.08	9.10	0.76	0.56	0.13
6.55	0.45	0.27	0.08	9.15	0.76	0.56	0.13
6.60	0.46	0.28	0.08	9.20	0.77	0.57	0.14
6.65	0.46	0.28	0.08	9.25	0.78	0.58	0.14
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.14
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.15
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.15
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.15
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.16
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.16
7.00	0.49	0.31	0.09	9.60	0.84	0.64	0.16
7.05	0.50	0.32	0.09	9.65	0.85	0.65	0.17
7.10	0.50	0.32	0.09	9.70	0.86	0.66	0.17
7.15	0.51	0.33	0.09	9.75	0.87	0.67	0.17
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.18
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.18
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.19
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.19
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.19
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.20
7.50	0.55	0.36	0.10	10.10	0.95	0.74	0.20
7.55	0.55	0.37	0.10	10.15	0.96	0.75	0.20
7.60	0.56	0.37	0.10	10.20	0.97	0.76	0.21
7.65	0.57	0.38	0.10	10.25	0.98	0.77	0.21
7.70	0.57	0.38	0.10	10.30	0.99	0.79	0.21
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.22

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.22	13.00	3.85	3.62	0.49
10.45	1.03	0.82	0.23	13.05	3.87	3.64	0.46
10.50	1.04	0.83	0.23	13.10	3.89	3.66	0.44
10.55	1.06	0.85	0.23	13.15	3.91	3.68	0.41
10.60	1.07	0.86	0.24	13.20	3.93	3.70	0.39
10.65	1.09	0.88	0.25	13.25	3.95	3.71	0.37
10.70	1.10	0.89	0.26	13.30	3.97	3.73	0.36
10.75	1.12	0.91	0.28	13.35	3.98	3.75	0.34
10.80	1.14	0.93	0.29	13.40	4.00	3.76	0.33
10.85	1.16	0.94	0.30	13.45	4.01	3.78	0.31
10.90	1.18	0.96	0.32	13.50	4.03	3.79	0.30
10.95	1.20	0.98	0.33	13.55	4.04	3.80	0.29
11.00	1.22	1.00	0.35	13.60	4.05	3.82	0.27
11.05	1.24	1.02	0.36	13.65	4.06	3.83	0.26
11.10	1.26	1.05	0.38	13.70	4.08	3.84	0.25
11.15	1.29	1.07	0.40	13.75	4.09	3.85	0.24
11.20	1.31	1.10	0.42	13.80	4.10	3.86	0.24
11.25	1.34	1.12	0.45	13.85	4.11	3.88	0.23
11.30	1.37	1.15	0.47	13.90	4.12	3.89	0.23
11.35	1.40	1.18	0.50	13.95	4.13	3.90	0.23
11.40	1.43	1.21	0.53	14.00	4.15	3.91	0.22
11.45	1.47	1.25	0.55	14.05	4.16	3.92	0.22
11.50	1.50	1.28	0.58	14.10	4.17	3.93	0.21
11.55	1.55	1.33	0.61	14.15	4.18	3.94	0.21
11.60	1.60	1.38	0.69	14.20	4.19	3.95	0.21
11.65	1.65	1.43	0.80	14.25	4.20	3.96	0.20
11.70	1.71	1.49	0.90	14.30	4.21	3.97	0.20
11.75	1.78	1.56	0.97	14.35	4.22	3.98	0.20
11.80	1.86	1.63	1.07	14.40	4.23	3.99	0.19
11.85	1.96	1.73	1.23	14.45	4.24	4.00	0.19
11.90	2.06	1.84	1.43	14.50	4.25	4.01	0.19
11.95	2.24	2.01	1.70	14.55	4.26	4.02	0.18
12.00	2.42	2.19	2.13	14.60	4.27	4.03	0.18
12.05	2.71	2.48	2.72	14.65	4.27	4.04	0.18
12.10	3.01	2.78	3.53	14.70	4.28	4.05	0.17
12.15	3.11	2.88	4.30	14.75	4.29	4.06	0.17
12.20	3.21	2.98	4.18	14.80	4.30	4.06	0.16
12.25	3.29	3.05	3.31	14.85	4.31	4.07	0.16
12.30	3.36	3.13	2.50	14.90	4.31	4.08	0.16
12.35	3.42	3.18	1.96	14.95	4.32	4.09	0.15
12.40	3.47	3.24	1.59	15.00	4.33	4.09	0.15
12.45	3.52	3.29	1.32	15.05	4.34	4.10	0.15
12.50	3.57	3.34	1.16	15.10	4.34	4.11	0.14
12.55	3.60	3.37	1.05	15.15	4.35	4.12	0.14
12.60	3.64	3.40	0.93	15.20	4.36	4.12	0.14
12.65	3.67	3.43	0.80	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.70	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.64	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.60	15.40	4.39	4.15	0.13
12.85	3.78	3.55	0.57	15.45	4.39	4.16	0.13
12.90	3.81	3.57	0.54	15.50	4.40	4.16	0.13
12.95	3.83	3.60	0.51	15.55	4.41	4.17	0.13

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.13	18.20	4.68	4.45	0.08
15.65	4.42	4.18	0.13	18.25	4.69	4.45	0.08
15.70	4.42	4.19	0.13	18.30	4.69	4.46	0.08
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.08
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.08
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.08
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.08
15.95	4.46	4.22	0.12	18.55	4.71	4.48	0.08
16.00	4.46	4.23	0.12	18.60	4.72	4.48	0.08
16.05	4.47	4.23	0.12	18.65	4.72	4.48	0.08
16.10	4.47	4.24	0.12	18.70	4.72	4.49	0.08
16.15	4.48	4.24	0.12	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.12	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.12	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.11	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.11	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.11	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.11	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.11	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.11	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.10	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.10	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.10	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.10	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.10	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.07
17.60	4.63	4.40	0.09	20.20	4.84	4.60	0.07
17.65	4.64	4.40	0.09	20.25	4.84	4.60	0.07
17.70	4.64	4.41	0.09	20.30	4.84	4.61	0.07
17.75	4.65	4.41	0.09	20.35	4.85	4.61	0.07
17.80	4.65	4.42	0.09	20.40	4.85	4.61	0.07
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.07
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.07
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.07
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.07
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.07
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.07
18.15	4.68	4.44	0.08	20.75	4.87	4.64	0.07

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.07	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.06	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.06	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.06	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.06	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.06	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.06	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.06	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.06	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.06	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.06	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.06	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 3.80 cfs @ 12.18 hrs, Volume= 0.287 af, Depth= 2.42"
 Routed to Pond B-26 : Basin #26

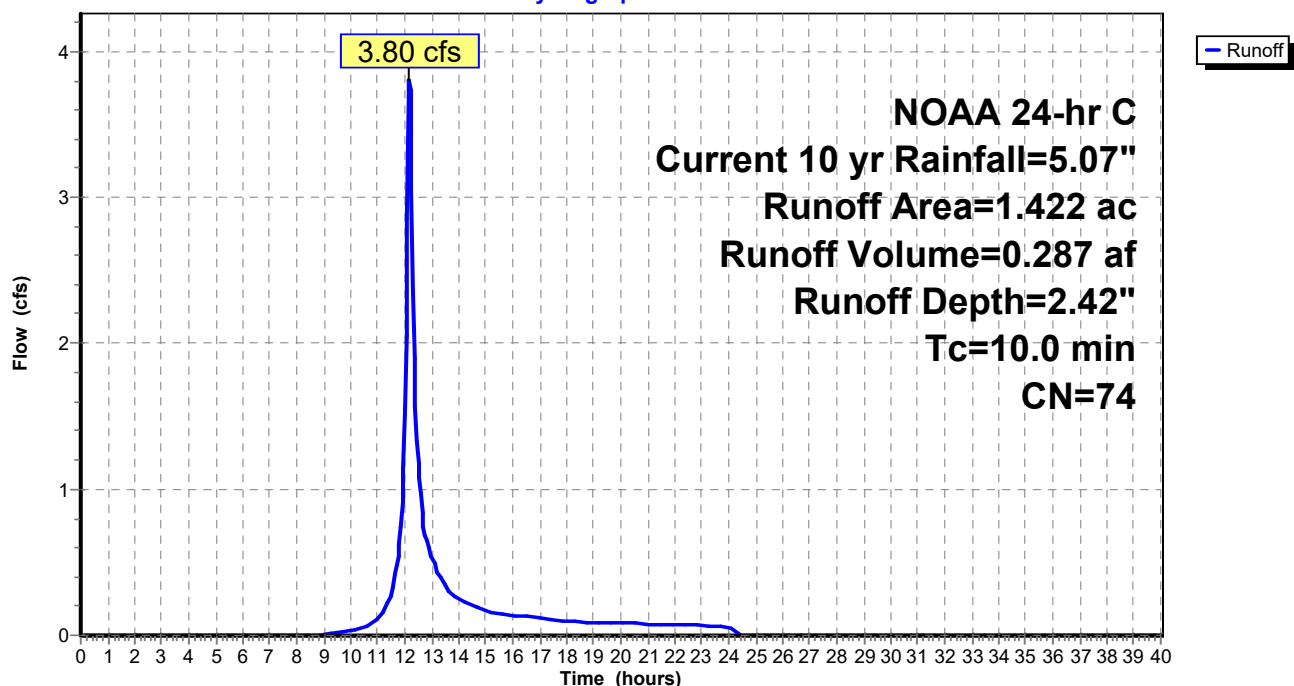
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

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

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.53
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.50
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.47
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.45
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.43
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.41
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.39
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.38
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.36
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.35
10.90	1.18	0.06	0.10	13.50	4.03	1.61	0.33
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.32
11.00	1.22	0.07	0.12	13.60	4.05	1.63	0.30
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.29
11.10	1.26	0.08	0.14	13.70	4.08	1.65	0.28
11.15	1.29	0.08	0.15	13.75	4.09	1.66	0.27
11.20	1.31	0.09	0.16	13.80	4.10	1.67	0.26
11.25	1.34	0.10	0.18	13.85	4.11	1.68	0.26
11.30	1.37	0.11	0.19	13.90	4.12	1.69	0.26
11.35	1.40	0.12	0.21	13.95	4.13	1.70	0.25
11.40	1.43	0.13	0.23	14.00	4.15	1.70	0.25
11.45	1.47	0.14	0.25	14.05	4.16	1.71	0.25
11.50	1.50	0.15	0.27	14.10	4.17	1.72	0.24
11.55	1.55	0.16	0.29	14.15	4.18	1.73	0.24
11.60	1.60	0.18	0.34	14.20	4.19	1.74	0.23
11.65	1.65	0.20	0.42	14.25	4.20	1.74	0.23
11.70	1.71	0.22	0.48	14.30	4.21	1.75	0.23
11.75	1.78	0.25	0.54	14.35	4.22	1.76	0.22
11.80	1.86	0.29	0.63	14.40	4.23	1.77	0.22
11.85	1.96	0.33	0.75	14.45	4.24	1.77	0.21
11.90	2.06	0.38	0.92	14.50	4.25	1.78	0.21
11.95	2.24	0.47	1.14	14.55	4.26	1.79	0.21
12.00	2.42	0.56	1.52	14.60	4.27	1.79	0.20
12.05	2.71	0.73	2.05	14.65	4.27	1.80	0.20
12.10	3.01	0.91	2.85	14.70	4.28	1.81	0.19
12.15	3.11	0.98	3.68	14.75	4.29	1.81	0.19
12.20	3.21	1.05	3.73	14.80	4.30	1.82	0.19
12.25	3.29	1.10	3.05	14.85	4.31	1.82	0.18
12.30	3.36	1.15	2.36	14.90	4.31	1.83	0.18
12.35	3.42	1.18	1.90	14.95	4.32	1.84	0.17
12.40	3.47	1.22	1.57	15.00	4.33	1.84	0.17
12.45	3.52	1.25	1.33	15.05	4.34	1.85	0.17
12.50	3.57	1.29	1.18	15.10	4.34	1.85	0.16
12.55	3.60	1.31	1.08	15.15	4.35	1.86	0.16
12.60	3.64	1.34	0.97	15.20	4.36	1.86	0.16
12.65	3.67	1.36	0.84	15.25	4.36	1.87	0.15
12.70	3.70	1.38	0.74	15.30	4.37	1.87	0.15
12.75	3.73	1.40	0.68	15.35	4.38	1.88	0.15
12.80	3.76	1.42	0.64	15.40	4.39	1.88	0.15
12.85	3.78	1.44	0.61	15.45	4.39	1.89	0.15
12.90	3.81	1.46	0.58	15.50	4.40	1.89	0.15
12.95	3.83	1.47	0.55	15.55	4.41	1.90	0.15

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.15	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.15	18.25	4.69	2.12	0.09
15.70	4.42	1.91	0.14	18.30	4.69	2.12	0.09
15.75	4.43	1.92	0.14	18.35	4.70	2.12	0.09
15.80	4.44	1.92	0.14	18.40	4.70	2.13	0.09
15.85	4.44	1.93	0.14	18.45	4.70	2.13	0.09
15.90	4.45	1.93	0.14	18.50	4.71	2.13	0.09
15.95	4.46	1.94	0.14	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.14	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.14	18.65	4.72	2.14	0.09
16.10	4.47	1.95	0.14	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.14	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.13	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.13	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.13	18.90	4.74	2.16	0.09
16.35	4.50	1.98	0.13	18.95	4.74	2.16	0.09
16.40	4.51	1.98	0.13	19.00	4.75	2.16	0.09
16.45	4.52	1.98	0.13	19.05	4.75	2.17	0.09
16.50	4.52	1.99	0.13	19.10	4.76	2.17	0.09
16.55	4.53	1.99	0.13	19.15	4.76	2.17	0.09
16.60	4.53	2.00	0.13	19.20	4.76	2.18	0.09
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.09
16.70	4.54	2.01	0.12	19.30	4.77	2.18	0.09
16.75	4.55	2.01	0.12	19.35	4.77	2.19	0.09
16.80	4.55	2.01	0.12	19.40	4.78	2.19	0.09
16.85	4.56	2.02	0.12	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.12	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.12	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.12	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.12	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.12	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.11	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.11	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.11	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.11	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.11	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.11	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.11	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.08
17.70	4.64	2.08	0.10	20.30	4.84	2.24	0.08
17.75	4.65	2.09	0.10	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.10	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.10	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.10	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.10	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.10	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.08	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.08	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.08	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.08	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.08	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.08	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.08	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.08	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.08	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.07	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 4.15 cfs @ 12.17 hrs, Volume= 0.362 af, Depth= 4.83"
 Routed to Pond B-27 : Basin #27

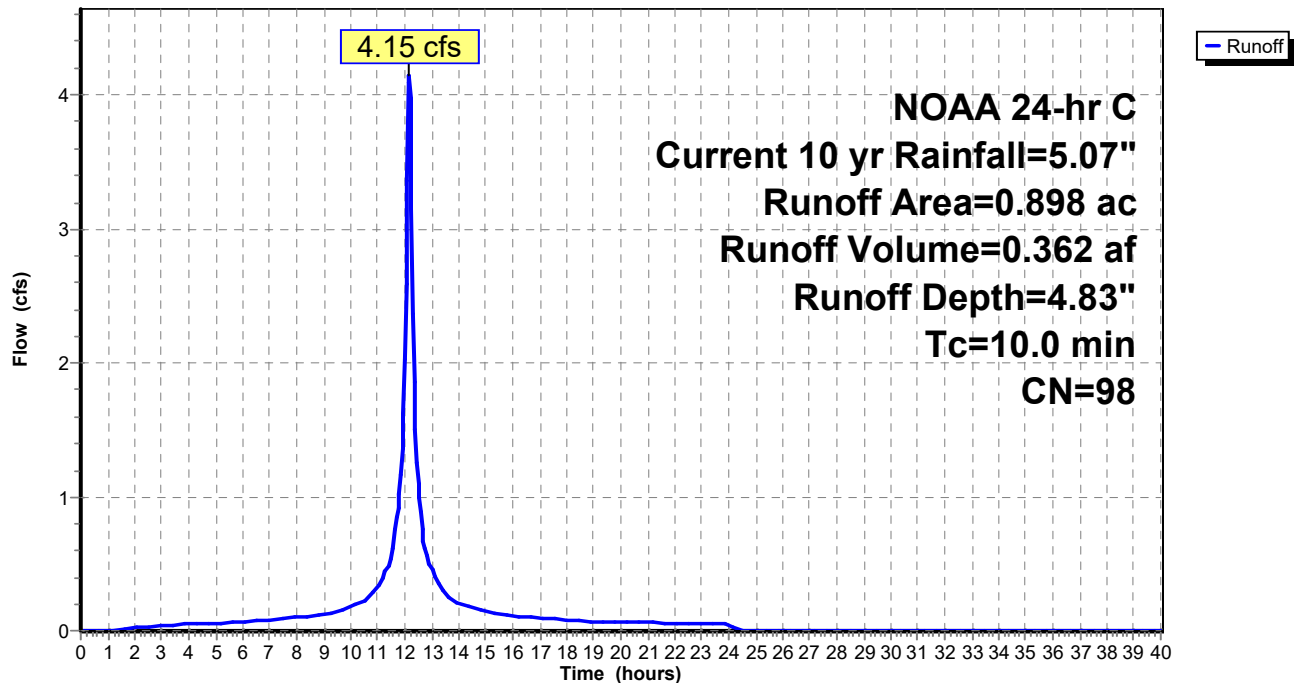
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.13
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.14
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.15
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.15
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.16
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.16
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.17
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.17
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.18
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.19
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.20
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.20
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.21

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.46
10.45	1.03	0.82	0.21	13.05	3.87	3.64	0.44
10.50	1.04	0.83	0.22	13.10	3.89	3.66	0.41
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.39
10.60	1.07	0.86	0.23	13.20	3.93	3.70	0.37
10.65	1.09	0.88	0.24	13.25	3.95	3.71	0.35
10.70	1.10	0.89	0.25	13.30	3.97	3.73	0.34
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.33
10.80	1.14	0.93	0.28	13.40	4.00	3.76	0.31
10.85	1.16	0.94	0.29	13.45	4.01	3.78	0.30
10.90	1.18	0.96	0.30	13.50	4.03	3.79	0.29
10.95	1.20	0.98	0.32	13.55	4.04	3.80	0.27
11.00	1.22	1.00	0.33	13.60	4.05	3.82	0.26
11.05	1.24	1.02	0.34	13.65	4.06	3.83	0.25
11.10	1.26	1.05	0.36	13.70	4.08	3.84	0.24
11.15	1.29	1.07	0.38	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.40	13.80	4.10	3.86	0.23
11.25	1.34	1.12	0.43	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.45	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.48	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.50	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.52	14.05	4.16	3.92	0.21
11.50	1.50	1.28	0.55	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.58	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.66	14.20	4.19	3.95	0.20
11.65	1.65	1.43	0.76	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.85	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.92	14.35	4.22	3.98	0.19
11.80	1.86	1.63	1.02	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.17	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.36	14.50	4.25	4.01	0.18
11.95	2.24	2.01	1.62	14.55	4.26	4.02	0.17
12.00	2.42	2.19	2.03	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.59	14.65	4.27	4.04	0.17
12.10	3.01	2.78	3.36	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.09	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.98	14.80	4.30	4.06	0.16
12.25	3.29	3.05	3.15	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.37	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.86	14.95	4.32	4.09	0.15
12.40	3.47	3.24	1.51	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.26	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.10	15.10	4.34	4.11	0.14
12.55	3.60	3.37	1.00	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.89	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.76	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.67	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.61	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.57	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.54	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.52	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.49	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 3.97 cfs @ 12.17 hrs, Volume= 0.305 af, Depth= 3.53"
 Routed to Pond B-27 : Basin #27

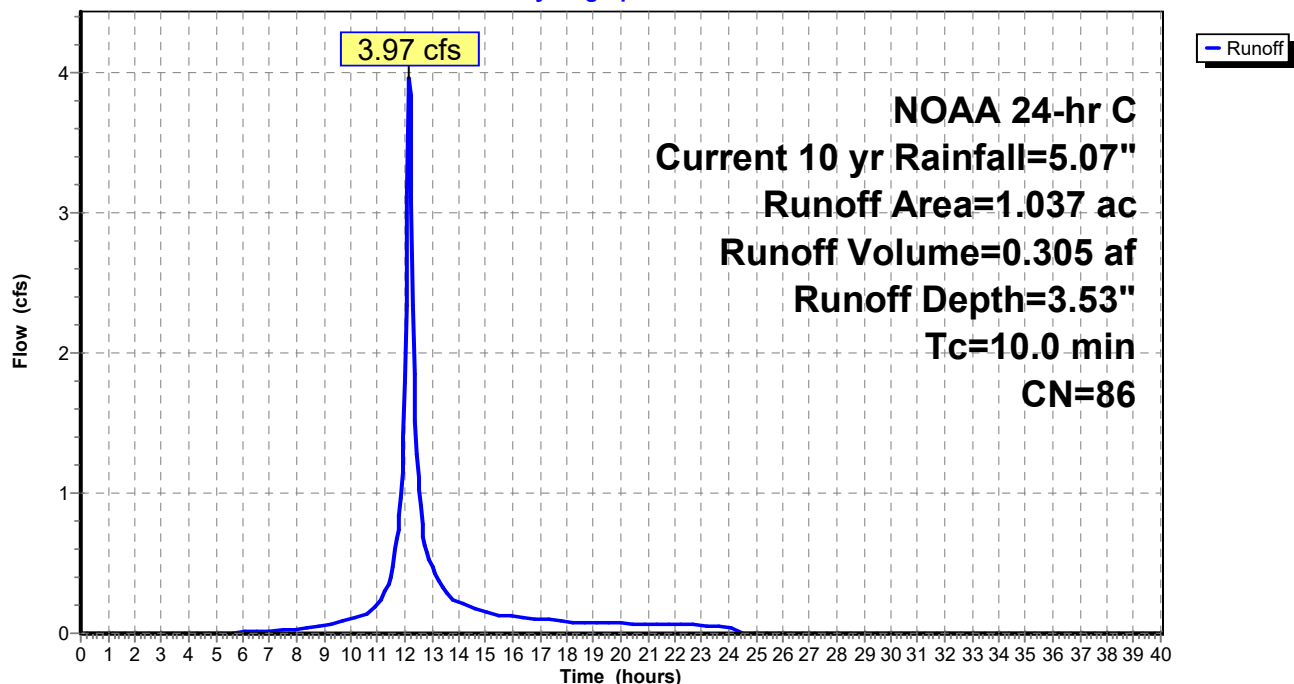
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

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

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.04	0.03
5.25	0.34	0.00	0.00	7.85	0.59	0.04	0.03
5.30	0.35	0.00	0.00	7.90	0.60	0.04	0.03
5.35	0.35	0.00	0.00	7.95	0.60	0.04	0.03
5.40	0.35	0.00	0.00	8.00	0.61	0.04	0.03
5.45	0.36	0.00	0.00	8.05	0.61	0.04	0.03
5.50	0.36	0.00	0.00	8.10	0.62	0.05	0.03
5.55	0.37	0.00	0.00	8.15	0.63	0.05	0.04
5.60	0.37	0.00	0.00	8.20	0.63	0.05	0.04
5.65	0.37	0.00	0.00	8.25	0.64	0.05	0.04
5.70	0.38	0.00	0.00	8.30	0.65	0.05	0.04
5.75	0.38	0.00	0.00	8.35	0.65	0.05	0.04
5.80	0.39	0.00	0.00	8.40	0.66	0.06	0.04
5.85	0.39	0.00	0.01	8.45	0.66	0.06	0.04
5.90	0.39	0.00	0.01	8.50	0.67	0.06	0.04
5.95	0.40	0.00	0.01	8.55	0.68	0.06	0.04
6.00	0.40	0.00	0.01	8.60	0.68	0.06	0.04
6.05	0.41	0.00	0.01	8.65	0.69	0.07	0.04
6.10	0.41	0.00	0.01	8.70	0.70	0.07	0.05
6.15	0.41	0.00	0.01	8.75	0.71	0.07	0.05
6.20	0.42	0.01	0.01	8.80	0.71	0.07	0.05
6.25	0.42	0.01	0.01	8.85	0.72	0.08	0.05
6.30	0.43	0.01	0.01	8.90	0.73	0.08	0.05
6.35	0.43	0.01	0.01	8.95	0.73	0.08	0.05
6.40	0.44	0.01	0.01	9.00	0.74	0.08	0.05
6.45	0.44	0.01	0.01	9.05	0.75	0.09	0.05
6.50	0.45	0.01	0.01	9.10	0.76	0.09	0.05
6.55	0.45	0.01	0.01	9.15	0.76	0.09	0.06
6.60	0.46	0.01	0.01	9.20	0.77	0.10	0.06
6.65	0.46	0.01	0.01	9.25	0.78	0.10	0.06
6.70	0.46	0.01	0.01	9.30	0.79	0.10	0.06
6.75	0.47	0.01	0.01	9.35	0.80	0.11	0.06
6.80	0.47	0.01	0.01	9.40	0.80	0.11	0.07
6.85	0.48	0.01	0.02	9.45	0.81	0.11	0.07
6.90	0.48	0.01	0.02	9.50	0.82	0.12	0.07
6.95	0.49	0.01	0.02	9.55	0.83	0.12	0.07
7.00	0.49	0.02	0.02	9.60	0.84	0.12	0.08
7.05	0.50	0.02	0.02	9.65	0.85	0.13	0.08
7.10	0.50	0.02	0.02	9.70	0.86	0.13	0.08
7.15	0.51	0.02	0.02	9.75	0.87	0.14	0.08
7.20	0.52	0.02	0.02	9.80	0.88	0.14	0.09
7.25	0.52	0.02	0.02	9.85	0.89	0.15	0.09
7.30	0.53	0.02	0.02	9.90	0.90	0.15	0.09
7.35	0.53	0.02	0.02	9.95	0.91	0.16	0.10
7.40	0.54	0.02	0.02	10.00	0.92	0.16	0.10
7.45	0.54	0.03	0.02	10.05	0.94	0.17	0.10
7.50	0.55	0.03	0.02	10.10	0.95	0.17	0.10
7.55	0.55	0.03	0.03	10.15	0.96	0.18	0.11
7.60	0.56	0.03	0.03	10.20	0.97	0.18	0.11
7.65	0.57	0.03	0.03	10.25	0.98	0.19	0.11
7.70	0.57	0.03	0.03	10.30	0.99	0.19	0.12
7.75	0.58	0.03	0.03	10.35	1.01	0.20	0.12

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.21	0.12	13.00	3.85	2.41	0.48
10.45	1.03	0.21	0.13	13.05	3.87	2.43	0.46
10.50	1.04	0.22	0.13	13.10	3.89	2.45	0.43
10.55	1.06	0.23	0.13	13.15	3.91	2.47	0.41
10.60	1.07	0.24	0.14	13.20	3.93	2.48	0.39
10.65	1.09	0.24	0.15	13.25	3.95	2.50	0.37
10.70	1.10	0.25	0.16	13.30	3.97	2.51	0.35
10.75	1.12	0.26	0.17	13.35	3.98	2.53	0.34
10.80	1.14	0.27	0.18	13.40	4.00	2.54	0.33
10.85	1.16	0.28	0.19	13.45	4.01	2.56	0.31
10.90	1.18	0.29	0.20	13.50	4.03	2.57	0.30
10.95	1.20	0.30	0.21	13.55	4.04	2.58	0.29
11.00	1.22	0.32	0.22	13.60	4.05	2.59	0.27
11.05	1.24	0.33	0.23	13.65	4.06	2.60	0.26
11.10	1.26	0.34	0.24	13.70	4.08	2.61	0.25
11.15	1.29	0.36	0.26	13.75	4.09	2.63	0.24
11.20	1.31	0.37	0.28	13.80	4.10	2.64	0.24
11.25	1.34	0.39	0.30	13.85	4.11	2.65	0.23
11.30	1.37	0.41	0.32	13.90	4.12	2.66	0.23
11.35	1.40	0.43	0.34	13.95	4.13	2.67	0.23
11.40	1.43	0.45	0.37	14.00	4.15	2.68	0.22
11.45	1.47	0.47	0.39	14.05	4.16	2.69	0.22
11.50	1.50	0.49	0.41	14.10	4.17	2.70	0.22
11.55	1.55	0.53	0.44	14.15	4.18	2.71	0.21
11.60	1.60	0.56	0.50	14.20	4.19	2.72	0.21
11.65	1.65	0.60	0.60	14.25	4.20	2.73	0.20
11.70	1.71	0.64	0.68	14.30	4.21	2.74	0.20
11.75	1.78	0.69	0.74	14.35	4.22	2.75	0.20
11.80	1.86	0.74	0.84	14.40	4.23	2.75	0.19
11.85	1.96	0.82	0.97	14.45	4.24	2.76	0.19
11.90	2.06	0.90	1.15	14.50	4.25	2.77	0.19
11.95	2.24	1.03	1.40	14.55	4.26	2.78	0.18
12.00	2.42	1.18	1.79	14.60	4.27	2.79	0.18
12.05	2.71	1.42	2.34	14.65	4.27	2.80	0.18
12.10	3.01	1.67	3.12	14.70	4.28	2.80	0.17
12.15	3.11	1.76	3.88	14.75	4.29	2.81	0.17
12.20	3.21	1.85	3.84	14.80	4.30	2.82	0.17
12.25	3.29	1.91	3.08	14.85	4.31	2.83	0.16
12.30	3.36	1.98	2.35	14.90	4.31	2.83	0.16
12.35	3.42	2.02	1.86	14.95	4.32	2.84	0.15
12.40	3.47	2.07	1.52	15.00	4.33	2.85	0.15
12.45	3.52	2.12	1.27	15.05	4.34	2.85	0.15
12.50	3.57	2.16	1.12	15.10	4.34	2.86	0.14
12.55	3.60	2.19	1.02	15.15	4.35	2.87	0.14
12.60	3.64	2.22	0.91	15.20	4.36	2.87	0.14
12.65	3.67	2.25	0.78	15.25	4.36	2.88	0.14
12.70	3.70	2.28	0.69	15.30	4.37	2.89	0.13
12.75	3.73	2.30	0.63	15.35	4.38	2.89	0.13
12.80	3.76	2.33	0.59	15.40	4.39	2.90	0.13
12.85	3.78	2.35	0.56	15.45	4.39	2.90	0.13
12.90	3.81	2.37	0.53	15.50	4.40	2.91	0.13
12.95	3.83	2.39	0.51	15.55	4.41	2.92	0.13

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	2.92	0.13	18.20	4.68	3.17	0.08
15.65	4.42	2.93	0.13	18.25	4.69	3.18	0.08
15.70	4.42	2.93	0.13	18.30	4.69	3.18	0.08
15.75	4.43	2.94	0.13	18.35	4.70	3.18	0.08
15.80	4.44	2.95	0.12	18.40	4.70	3.19	0.08
15.85	4.44	2.95	0.12	18.45	4.70	3.19	0.08
15.90	4.45	2.96	0.12	18.50	4.71	3.20	0.08
15.95	4.46	2.96	0.12	18.55	4.71	3.20	0.08
16.00	4.46	2.97	0.12	18.60	4.72	3.20	0.08
16.05	4.47	2.97	0.12	18.65	4.72	3.21	0.08
16.10	4.47	2.98	0.12	18.70	4.72	3.21	0.08
16.15	4.48	2.99	0.12	18.75	4.73	3.21	0.08
16.20	4.49	2.99	0.12	18.80	4.73	3.22	0.08
16.25	4.49	3.00	0.12	18.85	4.74	3.22	0.08
16.30	4.50	3.00	0.12	18.90	4.74	3.22	0.08
16.35	4.50	3.01	0.11	18.95	4.74	3.23	0.08
16.40	4.51	3.01	0.11	19.00	4.75	3.23	0.08
16.45	4.52	3.02	0.11	19.05	4.75	3.24	0.08
16.50	4.52	3.02	0.11	19.10	4.76	3.24	0.07
16.55	4.53	3.03	0.11	19.15	4.76	3.24	0.07
16.60	4.53	3.03	0.11	19.20	4.76	3.25	0.07
16.65	4.54	3.04	0.11	19.25	4.77	3.25	0.07
16.70	4.54	3.04	0.11	19.30	4.77	3.25	0.07
16.75	4.55	3.05	0.11	19.35	4.77	3.26	0.07
16.80	4.55	3.05	0.11	19.40	4.78	3.26	0.07
16.85	4.56	3.06	0.10	19.45	4.78	3.26	0.07
16.90	4.57	3.06	0.10	19.50	4.79	3.27	0.07
16.95	4.57	3.07	0.10	19.55	4.79	3.27	0.07
17.00	4.58	3.07	0.10	19.60	4.79	3.27	0.07
17.05	4.58	3.08	0.10	19.65	4.80	3.28	0.07
17.10	4.59	3.08	0.10	19.70	4.80	3.28	0.07
17.15	4.59	3.09	0.10	19.75	4.80	3.28	0.07
17.20	4.60	3.09	0.10	19.80	4.81	3.29	0.07
17.25	4.60	3.10	0.10	19.85	4.81	3.29	0.07
17.30	4.61	3.10	0.10	19.90	4.81	3.29	0.07
17.35	4.61	3.10	0.10	19.95	4.82	3.30	0.07
17.40	4.61	3.11	0.09	20.00	4.82	3.30	0.07
17.45	4.62	3.11	0.09	20.05	4.83	3.30	0.07
17.50	4.62	3.12	0.09	20.10	4.83	3.31	0.07
17.55	4.63	3.12	0.09	20.15	4.83	3.31	0.07
17.60	4.63	3.13	0.09	20.20	4.84	3.31	0.07
17.65	4.64	3.13	0.09	20.25	4.84	3.32	0.07
17.70	4.64	3.13	0.09	20.30	4.84	3.32	0.07
17.75	4.65	3.14	0.09	20.35	4.85	3.32	0.07
17.80	4.65	3.14	0.09	20.40	4.85	3.33	0.07
17.85	4.66	3.15	0.09	20.45	4.85	3.33	0.07
17.90	4.66	3.15	0.08	20.50	4.86	3.33	0.07
17.95	4.66	3.15	0.08	20.55	4.86	3.34	0.07
18.00	4.67	3.16	0.08	20.60	4.86	3.34	0.07
18.05	4.67	3.16	0.08	20.65	4.87	3.34	0.07
18.10	4.68	3.17	0.08	20.70	4.87	3.35	0.07
18.15	4.68	3.17	0.08	20.75	4.87	3.35	0.07

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	3.35	0.07	23.40	5.04	3.50	0.05
20.85	4.88	3.36	0.07	23.45	5.04	3.50	0.05
20.90	4.88	3.36	0.07	23.50	5.04	3.51	0.05
20.95	4.89	3.36	0.07	23.55	5.04	3.51	0.05
21.00	4.89	3.37	0.07	23.60	5.05	3.51	0.05
21.05	4.89	3.37	0.07	23.65	5.05	3.51	0.05
21.10	4.90	3.37	0.07	23.70	5.05	3.52	0.05
21.15	4.90	3.37	0.06	23.75	5.06	3.52	0.05
21.20	4.90	3.38	0.06	23.80	5.06	3.52	0.05
21.25	4.91	3.38	0.06	23.85	5.06	3.52	0.05
21.30	4.91	3.38	0.06	23.90	5.06	3.53	0.05
21.35	4.91	3.39	0.06	23.95	5.07	3.53	0.05
21.40	4.92	3.39	0.06	24.00	5.07	3.53	0.05
21.45	4.92	3.39	0.06	24.05	5.07	3.53	0.06
21.50	4.92	3.40	0.06	24.10	5.07	3.53	0.05
21.55	4.93	3.40	0.06	24.15	5.07	3.53	0.03
21.60	4.93	3.40	0.06	24.20	5.07	3.53	0.01
21.65	4.93	3.40	0.06	24.25	5.07	3.53	0.01
21.70	4.94	3.41	0.06	24.30	5.07	3.53	0.00
21.75	4.94	3.41	0.06	24.35	5.07	3.53	0.00
21.80	4.94	3.41	0.06	24.40	5.07	3.53	0.00
21.85	4.95	3.42	0.06	24.45	5.07	3.53	0.00
21.90	4.95	3.42	0.06	24.50	5.07	3.53	0.00
21.95	4.95	3.42	0.06	24.55	5.07	3.53	0.00
22.00	4.96	3.43	0.06	24.60	5.07	3.53	0.00
22.05	4.96	3.43	0.06	24.65	5.07	3.53	0.00
22.10	4.96	3.43	0.06	24.70	5.07	3.53	0.00
22.15	4.96	3.43	0.06	24.75	5.07	3.53	0.00
22.20	4.97	3.44	0.06	24.80	5.07	3.53	0.00
22.25	4.97	3.44	0.06	24.85	5.07	3.53	0.00
22.30	4.97	3.44	0.06	24.90	5.07	3.53	0.00
22.35	4.98	3.45	0.06	24.95	5.07	3.53	0.00
22.40	4.98	3.45	0.06	25.00	5.07	3.53	0.00
22.45	4.98	3.45	0.06	25.05	5.07	3.53	0.00
22.50	4.99	3.45	0.06	25.10	5.07	3.53	0.00
22.55	4.99	3.46	0.06	25.15	5.07	3.53	0.00
22.60	4.99	3.46	0.06	25.20	5.07	3.53	0.00
22.65	4.99	3.46	0.06	25.25	5.07	3.53	0.00
22.70	5.00	3.46	0.06	25.30	5.07	3.53	0.00
22.75	5.00	3.47	0.06	25.35	5.07	3.53	0.00
22.80	5.00	3.47	0.06	25.40	5.07	3.53	0.00
22.85	5.01	3.47	0.06	25.45	5.07	3.53	0.00
22.90	5.01	3.48	0.06	25.50	5.07	3.53	0.00
22.95	5.01	3.48	0.06	25.55	5.07	3.53	0.00
23.00	5.01	3.48	0.06	25.60	5.07	3.53	0.00
23.05	5.02	3.48	0.06	25.65	5.07	3.53	0.00
23.10	5.02	3.49	0.06	25.70	5.07	3.53	0.00
23.15	5.02	3.49	0.06	25.75	5.07	3.53	0.00
23.20	5.03	3.49	0.06	25.80	5.07	3.53	0.00
23.25	5.03	3.49	0.05	25.85	5.07	3.53	0.00
23.30	5.03	3.50	0.05	25.90	5.07	3.53	0.00
23.35	5.03	3.50	0.05	25.95	5.07	3.53	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	3.53	0.00	28.60	5.07	3.53	0.00
26.05	5.07	3.53	0.00	28.65	5.07	3.53	0.00
26.10	5.07	3.53	0.00	28.70	5.07	3.53	0.00
26.15	5.07	3.53	0.00	28.75	5.07	3.53	0.00
26.20	5.07	3.53	0.00	28.80	5.07	3.53	0.00
26.25	5.07	3.53	0.00	28.85	5.07	3.53	0.00
26.30	5.07	3.53	0.00	28.90	5.07	3.53	0.00
26.35	5.07	3.53	0.00	28.95	5.07	3.53	0.00
26.40	5.07	3.53	0.00	29.00	5.07	3.53	0.00
26.45	5.07	3.53	0.00	29.05	5.07	3.53	0.00
26.50	5.07	3.53	0.00	29.10	5.07	3.53	0.00
26.55	5.07	3.53	0.00	29.15	5.07	3.53	0.00
26.60	5.07	3.53	0.00	29.20	5.07	3.53	0.00
26.65	5.07	3.53	0.00	29.25	5.07	3.53	0.00
26.70	5.07	3.53	0.00	29.30	5.07	3.53	0.00
26.75	5.07	3.53	0.00	29.35	5.07	3.53	0.00
26.80	5.07	3.53	0.00	29.40	5.07	3.53	0.00
26.85	5.07	3.53	0.00	29.45	5.07	3.53	0.00
26.90	5.07	3.53	0.00	29.50	5.07	3.53	0.00
26.95	5.07	3.53	0.00	29.55	5.07	3.53	0.00
27.00	5.07	3.53	0.00	29.60	5.07	3.53	0.00
27.05	5.07	3.53	0.00	29.65	5.07	3.53	0.00
27.10	5.07	3.53	0.00	29.70	5.07	3.53	0.00
27.15	5.07	3.53	0.00	29.75	5.07	3.53	0.00
27.20	5.07	3.53	0.00	29.80	5.07	3.53	0.00
27.25	5.07	3.53	0.00	29.85	5.07	3.53	0.00
27.30	5.07	3.53	0.00	29.90	5.07	3.53	0.00
27.35	5.07	3.53	0.00	29.95	5.07	3.53	0.00
27.40	5.07	3.53	0.00	30.00	5.07	3.53	0.00
27.45	5.07	3.53	0.00	30.05	5.07	3.53	0.00
27.50	5.07	3.53	0.00	30.10	5.07	3.53	0.00
27.55	5.07	3.53	0.00	30.15	5.07	3.53	0.00
27.60	5.07	3.53	0.00	30.20	5.07	3.53	0.00
27.65	5.07	3.53	0.00	30.25	5.07	3.53	0.00
27.70	5.07	3.53	0.00	30.30	5.07	3.53	0.00
27.75	5.07	3.53	0.00	30.35	5.07	3.53	0.00
27.80	5.07	3.53	0.00	30.40	5.07	3.53	0.00
27.85	5.07	3.53	0.00	30.45	5.07	3.53	0.00
27.90	5.07	3.53	0.00	30.50	5.07	3.53	0.00
27.95	5.07	3.53	0.00	30.55	5.07	3.53	0.00
28.00	5.07	3.53	0.00	30.60	5.07	3.53	0.00
28.05	5.07	3.53	0.00	30.65	5.07	3.53	0.00
28.10	5.07	3.53	0.00	30.70	5.07	3.53	0.00
28.15	5.07	3.53	0.00	30.75	5.07	3.53	0.00
28.20	5.07	3.53	0.00	30.80	5.07	3.53	0.00
28.25	5.07	3.53	0.00	30.85	5.07	3.53	0.00
28.30	5.07	3.53	0.00	30.90	5.07	3.53	0.00
28.35	5.07	3.53	0.00	30.95	5.07	3.53	0.00
28.40	5.07	3.53	0.00	31.00	5.07	3.53	0.00
28.45	5.07	3.53	0.00	31.05	5.07	3.53	0.00
28.50	5.07	3.53	0.00	31.10	5.07	3.53	0.00
28.55	5.07	3.53	0.00	31.15	5.07	3.53	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	3.53	0.00	33.80	5.07	3.53	0.00
31.25	5.07	3.53	0.00	33.85	5.07	3.53	0.00
31.30	5.07	3.53	0.00	33.90	5.07	3.53	0.00
31.35	5.07	3.53	0.00	33.95	5.07	3.53	0.00
31.40	5.07	3.53	0.00	34.00	5.07	3.53	0.00
31.45	5.07	3.53	0.00	34.05	5.07	3.53	0.00
31.50	5.07	3.53	0.00	34.10	5.07	3.53	0.00
31.55	5.07	3.53	0.00	34.15	5.07	3.53	0.00
31.60	5.07	3.53	0.00	34.20	5.07	3.53	0.00
31.65	5.07	3.53	0.00	34.25	5.07	3.53	0.00
31.70	5.07	3.53	0.00	34.30	5.07	3.53	0.00
31.75	5.07	3.53	0.00	34.35	5.07	3.53	0.00
31.80	5.07	3.53	0.00	34.40	5.07	3.53	0.00
31.85	5.07	3.53	0.00	34.45	5.07	3.53	0.00
31.90	5.07	3.53	0.00	34.50	5.07	3.53	0.00
31.95	5.07	3.53	0.00	34.55	5.07	3.53	0.00
32.00	5.07	3.53	0.00	34.60	5.07	3.53	0.00
32.05	5.07	3.53	0.00	34.65	5.07	3.53	0.00
32.10	5.07	3.53	0.00	34.70	5.07	3.53	0.00
32.15	5.07	3.53	0.00	34.75	5.07	3.53	0.00
32.20	5.07	3.53	0.00	34.80	5.07	3.53	0.00
32.25	5.07	3.53	0.00	34.85	5.07	3.53	0.00
32.30	5.07	3.53	0.00	34.90	5.07	3.53	0.00
32.35	5.07	3.53	0.00	34.95	5.07	3.53	0.00
32.40	5.07	3.53	0.00	35.00	5.07	3.53	0.00
32.45	5.07	3.53	0.00	35.05	5.07	3.53	0.00
32.50	5.07	3.53	0.00	35.10	5.07	3.53	0.00
32.55	5.07	3.53	0.00	35.15	5.07	3.53	0.00
32.60	5.07	3.53	0.00	35.20	5.07	3.53	0.00
32.65	5.07	3.53	0.00	35.25	5.07	3.53	0.00
32.70	5.07	3.53	0.00	35.30	5.07	3.53	0.00
32.75	5.07	3.53	0.00	35.35	5.07	3.53	0.00
32.80	5.07	3.53	0.00	35.40	5.07	3.53	0.00
32.85	5.07	3.53	0.00	35.45	5.07	3.53	0.00
32.90	5.07	3.53	0.00	35.50	5.07	3.53	0.00
32.95	5.07	3.53	0.00	35.55	5.07	3.53	0.00
33.00	5.07	3.53	0.00	35.60	5.07	3.53	0.00
33.05	5.07	3.53	0.00	35.65	5.07	3.53	0.00
33.10	5.07	3.53	0.00	35.70	5.07	3.53	0.00
33.15	5.07	3.53	0.00	35.75	5.07	3.53	0.00
33.20	5.07	3.53	0.00	35.80	5.07	3.53	0.00
33.25	5.07	3.53	0.00	35.85	5.07	3.53	0.00
33.30	5.07	3.53	0.00	35.90	5.07	3.53	0.00
33.35	5.07	3.53	0.00	35.95	5.07	3.53	0.00
33.40	5.07	3.53	0.00	36.00	5.07	3.53	0.00
33.45	5.07	3.53	0.00	36.05	5.07	3.53	0.00
33.50	5.07	3.53	0.00	36.10	5.07	3.53	0.00
33.55	5.07	3.53	0.00	36.15	5.07	3.53	0.00
33.60	5.07	3.53	0.00	36.20	5.07	3.53	0.00
33.65	5.07	3.53	0.00	36.25	5.07	3.53	0.00
33.70	5.07	3.53	0.00	36.30	5.07	3.53	0.00
33.75	5.07	3.53	0.00	36.35	5.07	3.53	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	3.53	0.00	39.00	5.07	3.53	0.00
36.45	5.07	3.53	0.00	39.05	5.07	3.53	0.00
36.50	5.07	3.53	0.00	39.10	5.07	3.53	0.00
36.55	5.07	3.53	0.00	39.15	5.07	3.53	0.00
36.60	5.07	3.53	0.00	39.20	5.07	3.53	0.00
36.65	5.07	3.53	0.00	39.25	5.07	3.53	0.00
36.70	5.07	3.53	0.00	39.30	5.07	3.53	0.00
36.75	5.07	3.53	0.00	39.35	5.07	3.53	0.00
36.80	5.07	3.53	0.00	39.40	5.07	3.53	0.00
36.85	5.07	3.53	0.00	39.45	5.07	3.53	0.00
36.90	5.07	3.53	0.00	39.50	5.07	3.53	0.00
36.95	5.07	3.53	0.00	39.55	5.07	3.53	0.00
37.00	5.07	3.53	0.00	39.60	5.07	3.53	0.00
37.05	5.07	3.53	0.00	39.65	5.07	3.53	0.00
37.10	5.07	3.53	0.00	39.70	5.07	3.53	0.00
37.15	5.07	3.53	0.00	39.75	5.07	3.53	0.00
37.20	5.07	3.53	0.00	39.80	5.07	3.53	0.00
37.25	5.07	3.53	0.00	39.85	5.07	3.53	0.00
37.30	5.07	3.53	0.00	39.90	5.07	3.53	0.00
37.35	5.07	3.53	0.00	39.95	5.07	3.53	0.00
37.40	5.07	3.53	0.00	40.00	5.07	3.53	0.00
37.45	5.07	3.53	0.00				
37.50	5.07	3.53	0.00				
37.55	5.07	3.53	0.00				
37.60	5.07	3.53	0.00				
37.65	5.07	3.53	0.00				
37.70	5.07	3.53	0.00				
37.75	5.07	3.53	0.00				
37.80	5.07	3.53	0.00				
37.85	5.07	3.53	0.00				
37.90	5.07	3.53	0.00				
37.95	5.07	3.53	0.00				
38.00	5.07	3.53	0.00				
38.05	5.07	3.53	0.00				
38.10	5.07	3.53	0.00				
38.15	5.07	3.53	0.00				
38.20	5.07	3.53	0.00				
38.25	5.07	3.53	0.00				
38.30	5.07	3.53	0.00				
38.35	5.07	3.53	0.00				
38.40	5.07	3.53	0.00				
38.45	5.07	3.53	0.00				
38.50	5.07	3.53	0.00				
38.55	5.07	3.53	0.00				
38.60	5.07	3.53	0.00				
38.65	5.07	3.53	0.00				
38.70	5.07	3.53	0.00				
38.75	5.07	3.53	0.00				
38.80	5.07	3.53	0.00				
38.85	5.07	3.53	0.00				
38.90	5.07	3.53	0.00				
38.95	5.07	3.53	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 3.75 cfs @ 12.17 hrs, Volume= 0.327 af, Depth= 4.83"
 Routed to Pond B-28 : Basin #28

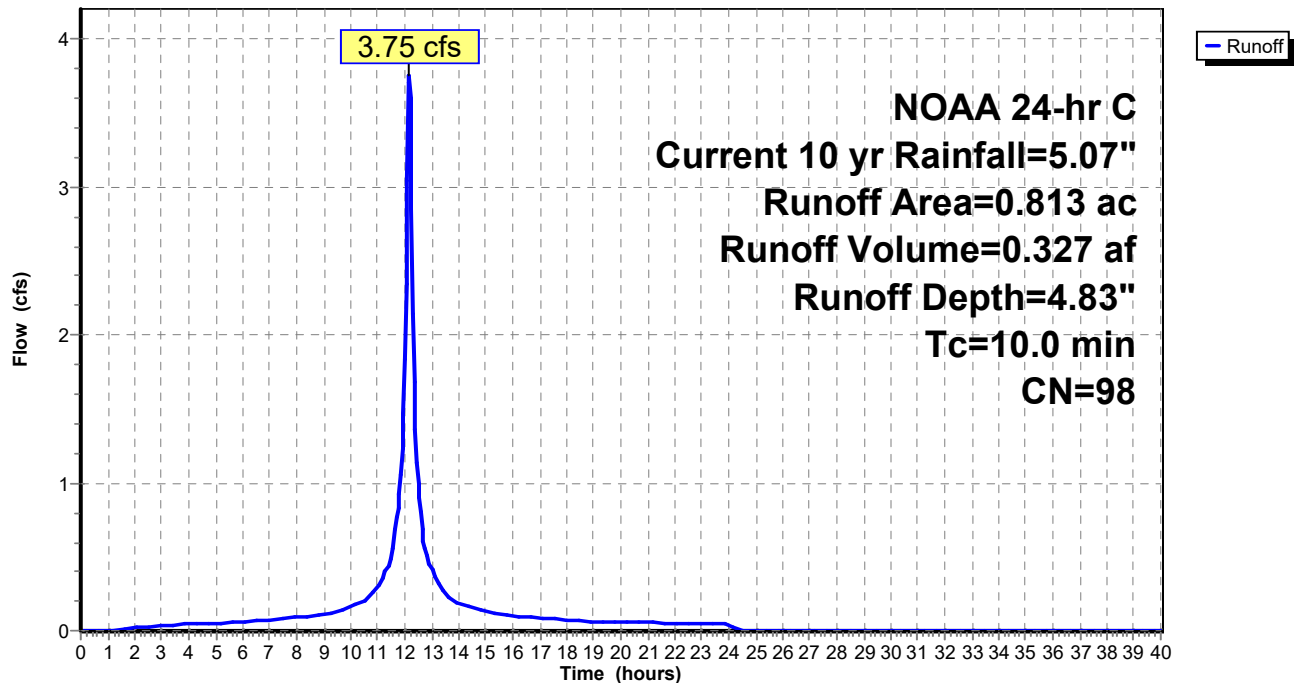
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.10
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.10
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.10
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.10
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.10
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.11
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.11
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.11
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.11
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.11
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.11
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.12
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.12
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.13
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.13
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.13
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.14
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.14
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.14
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.15
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.15
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.15
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.16
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.16
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.16
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.17
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.17
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.17
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.18
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.18
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.18
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.18
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.19

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.19	13.00	3.85	3.62	0.42
10.45	1.03	0.82	0.19	13.05	3.87	3.64	0.40
10.50	1.04	0.83	0.20	13.10	3.89	3.66	0.38
10.55	1.06	0.85	0.20	13.15	3.91	3.68	0.35
10.60	1.07	0.86	0.21	13.20	3.93	3.70	0.34
10.65	1.09	0.88	0.22	13.25	3.95	3.71	0.32
10.70	1.10	0.89	0.23	13.30	3.97	3.73	0.31
10.75	1.12	0.91	0.24	13.35	3.98	3.75	0.29
10.80	1.14	0.93	0.25	13.40	4.00	3.76	0.28
10.85	1.16	0.94	0.26	13.45	4.01	3.78	0.27
10.90	1.18	0.96	0.27	13.50	4.03	3.79	0.26
10.95	1.20	0.98	0.29	13.55	4.04	3.80	0.25
11.00	1.22	1.00	0.30	13.60	4.05	3.82	0.23
11.05	1.24	1.02	0.31	13.65	4.06	3.83	0.22
11.10	1.26	1.05	0.33	13.70	4.08	3.84	0.21
11.15	1.29	1.07	0.34	13.75	4.09	3.85	0.21
11.20	1.31	1.10	0.37	13.80	4.10	3.86	0.20
11.25	1.34	1.12	0.39	13.85	4.11	3.88	0.20
11.30	1.37	1.15	0.41	13.90	4.12	3.89	0.20
11.35	1.40	1.18	0.43	13.95	4.13	3.90	0.19
11.40	1.43	1.21	0.45	14.00	4.15	3.91	0.19
11.45	1.47	1.25	0.47	14.05	4.16	3.92	0.19
11.50	1.50	1.28	0.50	14.10	4.17	3.93	0.18
11.55	1.55	1.33	0.52	14.15	4.18	3.94	0.18
11.60	1.60	1.38	0.59	14.20	4.19	3.95	0.18
11.65	1.65	1.43	0.69	14.25	4.20	3.96	0.18
11.70	1.71	1.49	0.77	14.30	4.21	3.97	0.17
11.75	1.78	1.56	0.83	14.35	4.22	3.98	0.17
11.80	1.86	1.63	0.93	14.40	4.23	3.99	0.17
11.85	1.96	1.73	1.06	14.45	4.24	4.00	0.16
11.90	2.06	1.84	1.23	14.50	4.25	4.01	0.16
11.95	2.24	2.01	1.47	14.55	4.26	4.02	0.16
12.00	2.42	2.19	1.84	14.60	4.27	4.03	0.15
12.05	2.71	2.48	2.34	14.65	4.27	4.04	0.15
12.10	3.01	2.78	3.04	14.70	4.28	4.05	0.15
12.15	3.11	2.88	3.70	14.75	4.29	4.06	0.14
12.20	3.21	2.98	3.60	14.80	4.30	4.06	0.14
12.25	3.29	3.05	2.85	14.85	4.31	4.07	0.14
12.30	3.36	3.13	2.15	14.90	4.31	4.08	0.14
12.35	3.42	3.18	1.69	14.95	4.32	4.09	0.13
12.40	3.47	3.24	1.37	15.00	4.33	4.09	0.13
12.45	3.52	3.29	1.14	15.05	4.34	4.10	0.13
12.50	3.57	3.34	1.00	15.10	4.34	4.11	0.12
12.55	3.60	3.37	0.91	15.15	4.35	4.12	0.12
12.60	3.64	3.40	0.80	15.20	4.36	4.12	0.12
12.65	3.67	3.43	0.69	15.25	4.36	4.13	0.12
12.70	3.70	3.47	0.60	15.30	4.37	4.14	0.11
12.75	3.73	3.49	0.55	15.35	4.38	4.14	0.11
12.80	3.76	3.52	0.52	15.40	4.39	4.15	0.11
12.85	3.78	3.55	0.49	15.45	4.39	4.16	0.11
12.90	3.81	3.57	0.47	15.50	4.40	4.16	0.11
12.95	3.83	3.60	0.44	15.55	4.41	4.17	0.11

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.11	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.11	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.11	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.11	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.11	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.10	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.10	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.10	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.10	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.10	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.10	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.10	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.10	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.10	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.10	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.10	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.09	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.09	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.09	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.09	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.09	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.09	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.09	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.09	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.09	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.08	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.08	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.08	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 4.06 cfs @ 12.18 hrs, Volume= 0.307 af, Depth= 2.42"
 Routed to Pond B-28 : Basin #28

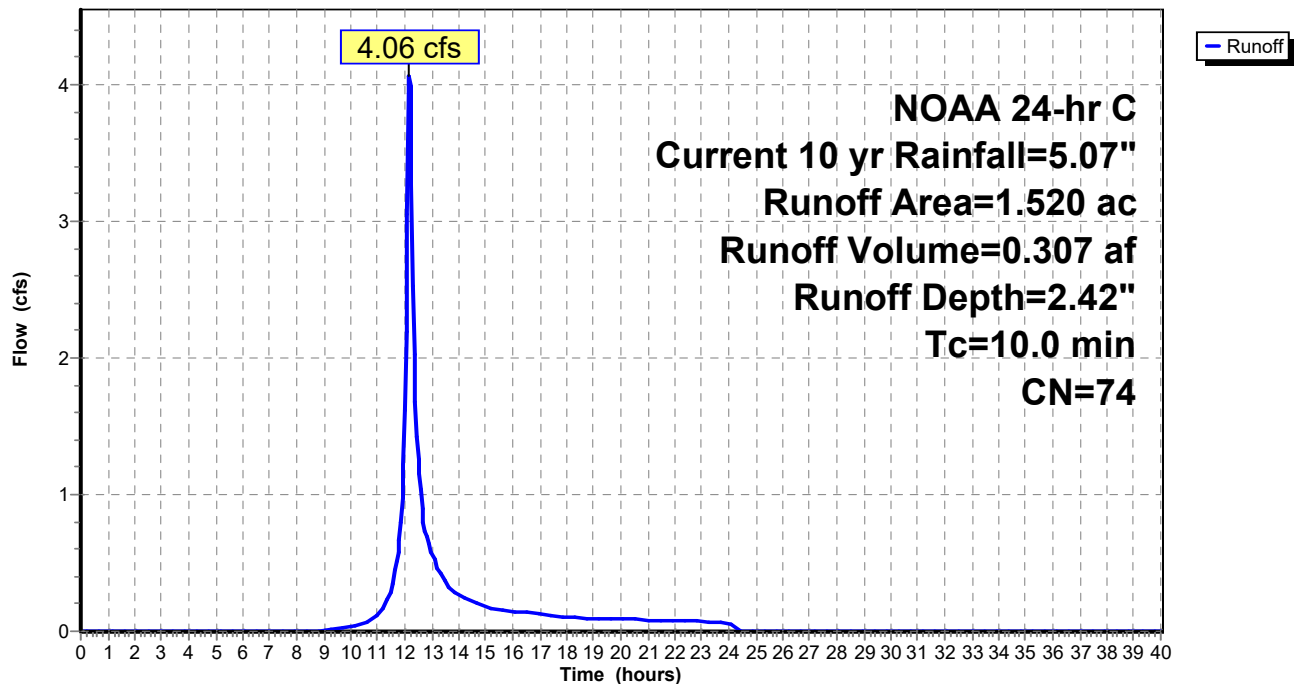
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.56
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.53
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.51
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.48
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.45
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.44
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.42
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.40
10.80	1.14	0.05	0.09	13.40	4.00	1.59	0.39
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.37
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.35
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.34
11.00	1.22	0.07	0.12	13.60	4.05	1.63	0.32
11.05	1.24	0.07	0.13	13.65	4.06	1.64	0.31
11.10	1.26	0.08	0.14	13.70	4.08	1.65	0.30
11.15	1.29	0.08	0.16	13.75	4.09	1.66	0.29
11.20	1.31	0.09	0.17	13.80	4.10	1.67	0.28
11.25	1.34	0.10	0.19	13.85	4.11	1.68	0.28
11.30	1.37	0.11	0.21	13.90	4.12	1.69	0.27
11.35	1.40	0.12	0.23	13.95	4.13	1.70	0.27
11.40	1.43	0.13	0.25	14.00	4.15	1.70	0.27
11.45	1.47	0.14	0.27	14.05	4.16	1.71	0.26
11.50	1.50	0.15	0.29	14.10	4.17	1.72	0.26
11.55	1.55	0.16	0.31	14.15	4.18	1.73	0.25
11.60	1.60	0.18	0.37	14.20	4.19	1.74	0.25
11.65	1.65	0.20	0.45	14.25	4.20	1.74	0.25
11.70	1.71	0.22	0.52	14.30	4.21	1.75	0.24
11.75	1.78	0.25	0.58	14.35	4.22	1.76	0.24
11.80	1.86	0.29	0.67	14.40	4.23	1.77	0.23
11.85	1.96	0.33	0.80	14.45	4.24	1.77	0.23
11.90	2.06	0.38	0.98	14.50	4.25	1.78	0.22
11.95	2.24	0.47	1.22	14.55	4.26	1.79	0.22
12.00	2.42	0.56	1.62	14.60	4.27	1.79	0.22
12.05	2.71	0.73	2.19	14.65	4.27	1.80	0.21
12.10	3.01	0.91	3.05	14.70	4.28	1.81	0.21
12.15	3.11	0.98	3.94	14.75	4.29	1.81	0.20
12.20	3.21	1.05	3.99	14.80	4.30	1.82	0.20
12.25	3.29	1.10	3.26	14.85	4.31	1.82	0.20
12.30	3.36	1.15	2.53	14.90	4.31	1.83	0.19
12.35	3.42	1.18	2.03	14.95	4.32	1.84	0.19
12.40	3.47	1.22	1.68	15.00	4.33	1.84	0.18
12.45	3.52	1.25	1.42	15.05	4.34	1.85	0.18
12.50	3.57	1.29	1.26	15.10	4.34	1.85	0.17
12.55	3.60	1.31	1.16	15.15	4.35	1.86	0.17
12.60	3.64	1.34	1.04	15.20	4.36	1.86	0.17
12.65	3.67	1.36	0.90	15.25	4.36	1.87	0.17
12.70	3.70	1.38	0.79	15.30	4.37	1.87	0.16
12.75	3.73	1.40	0.73	15.35	4.38	1.88	0.16
12.80	3.76	1.42	0.69	15.40	4.39	1.88	0.16
12.85	3.78	1.44	0.65	15.45	4.39	1.89	0.16
12.90	3.81	1.46	0.62	15.50	4.40	1.89	0.16
12.95	3.83	1.47	0.59	15.55	4.41	1.90	0.16

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.16	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.16	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.15	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.15	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.15	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.15	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.15	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.15	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.15	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.15	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.15	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.14	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.14	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.14	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.14	18.90	4.74	2.16	0.09
16.35	4.50	1.98	0.14	18.95	4.74	2.16	0.09
16.40	4.51	1.98	0.14	19.00	4.75	2.16	0.09
16.45	4.52	1.98	0.14	19.05	4.75	2.17	0.09
16.50	4.52	1.99	0.14	19.10	4.76	2.17	0.09
16.55	4.53	1.99	0.14	19.15	4.76	2.17	0.09
16.60	4.53	2.00	0.13	19.20	4.76	2.18	0.09
16.65	4.54	2.00	0.13	19.25	4.77	2.18	0.09
16.70	4.54	2.01	0.13	19.30	4.77	2.18	0.09
16.75	4.55	2.01	0.13	19.35	4.77	2.19	0.09
16.80	4.55	2.01	0.13	19.40	4.78	2.19	0.09
16.85	4.56	2.02	0.13	19.45	4.78	2.19	0.09
16.90	4.57	2.02	0.13	19.50	4.79	2.19	0.09
16.95	4.57	2.03	0.13	19.55	4.79	2.20	0.09
17.00	4.58	2.03	0.13	19.60	4.79	2.20	0.09
17.05	4.58	2.03	0.12	19.65	4.80	2.20	0.09
17.10	4.59	2.04	0.12	19.70	4.80	2.21	0.09
17.15	4.59	2.04	0.12	19.75	4.80	2.21	0.09
17.20	4.60	2.05	0.12	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.12	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.12	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.12	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.12	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.11	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.11	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.11	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.11	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.11	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.11	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.10	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.10	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.10	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.10	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.10	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.10	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.08	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.08	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.08	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.08	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.08	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.08	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.08	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.08	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.08	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.08	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.08	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.07	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 25.15 cfs @ 12.18 hrs, Volume= 1.897 af, Depth= 2.42"

Routed to Link PDA-2 : Proposed Drainage Area #2

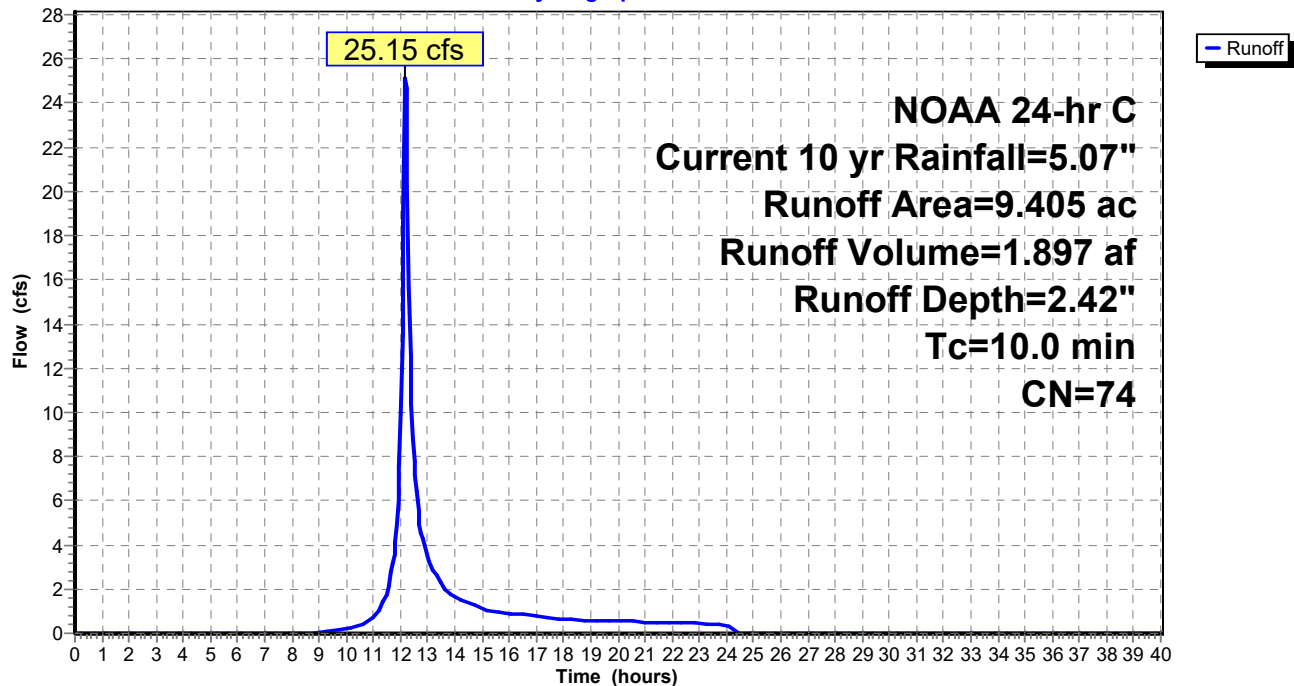
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.01
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.01
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.02
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.02
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.03
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.04
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.04
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.05
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.06
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.07
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.07
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.08
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.09
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.10
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.11
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.12
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.14
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.15
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.16
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.17
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.18
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.20
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.21
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.23
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.24
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.26
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.27
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.29
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.31

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.32	13.00	3.85	1.49	3.48
10.45	1.03	0.03	0.34	13.05	3.87	1.50	3.31
10.50	1.04	0.03	0.36	13.10	3.89	1.52	3.13
10.55	1.06	0.03	0.38	13.15	3.91	1.53	2.96
10.60	1.07	0.04	0.41	13.20	3.93	1.55	2.81
10.65	1.09	0.04	0.44	13.25	3.95	1.56	2.70
10.70	1.10	0.04	0.48	13.30	3.97	1.57	2.59
10.75	1.12	0.04	0.52	13.35	3.98	1.58	2.49
10.80	1.14	0.05	0.56	13.40	4.00	1.59	2.39
10.85	1.16	0.05	0.61	13.45	4.01	1.60	2.29
10.90	1.18	0.06	0.66	13.50	4.03	1.61	2.19
10.95	1.20	0.06	0.71	13.55	4.04	1.62	2.09
11.00	1.22	0.07	0.76	13.60	4.05	1.63	2.00
11.05	1.24	0.07	0.82	13.65	4.06	1.64	1.90
11.10	1.26	0.08	0.89	13.70	4.08	1.65	1.84
11.15	1.29	0.08	0.98	13.75	4.09	1.66	1.79
11.20	1.31	0.09	1.07	13.80	4.10	1.67	1.75
11.25	1.34	0.10	1.17	13.85	4.11	1.68	1.72
11.30	1.37	0.11	1.28	13.90	4.12	1.69	1.70
11.35	1.40	0.12	1.40	13.95	4.13	1.70	1.67
11.40	1.43	0.13	1.52	14.00	4.15	1.70	1.65
11.45	1.47	0.14	1.65	14.05	4.16	1.71	1.62
11.50	1.50	0.15	1.77	14.10	4.17	1.72	1.59
11.55	1.55	0.16	1.94	14.15	4.18	1.73	1.57
11.60	1.60	0.18	2.28	14.20	4.19	1.74	1.54
11.65	1.65	0.20	2.77	14.25	4.20	1.74	1.52
11.70	1.71	0.22	3.20	14.30	4.21	1.75	1.50
11.75	1.78	0.25	3.59	14.35	4.22	1.76	1.47
11.80	1.86	0.29	4.16	14.40	4.23	1.77	1.44
11.85	1.96	0.33	4.95	14.45	4.24	1.77	1.42
11.90	2.06	0.38	6.05	14.50	4.25	1.78	1.39
11.95	2.24	0.47	7.56	14.55	4.26	1.79	1.37
12.00	2.42	0.56	10.03	14.60	4.27	1.79	1.34
12.05	2.71	0.73	13.57	14.65	4.27	1.80	1.31
12.10	3.01	0.91	18.85	14.70	4.28	1.81	1.29
12.15	3.11	0.98	24.36	14.75	4.29	1.81	1.26
12.20	3.21	1.05	24.70	14.80	4.30	1.82	1.24
12.25	3.29	1.10	20.19	14.85	4.31	1.82	1.21
12.30	3.36	1.15	15.63	14.90	4.31	1.83	1.18
12.35	3.42	1.18	12.56	14.95	4.32	1.84	1.16
12.40	3.47	1.22	10.39	15.00	4.33	1.84	1.13
12.45	3.52	1.25	8.81	15.05	4.34	1.85	1.10
12.50	3.57	1.29	7.81	15.10	4.34	1.85	1.08
12.55	3.60	1.31	7.17	15.15	4.35	1.86	1.05
12.60	3.64	1.34	6.42	15.20	4.36	1.86	1.03
12.65	3.67	1.36	5.54	15.25	4.36	1.87	1.02
12.70	3.70	1.38	4.89	15.30	4.37	1.87	1.01
12.75	3.73	1.40	4.51	15.35	4.38	1.88	1.00
12.80	3.76	1.42	4.25	15.40	4.39	1.88	1.00
12.85	3.78	1.44	4.04	15.45	4.39	1.89	0.99
12.90	3.81	1.46	3.84	15.50	4.40	1.89	0.98
12.95	3.83	1.47	3.66	15.55	4.41	1.90	0.98

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.97	18.20	4.68	2.12	0.61
15.65	4.42	1.91	0.96	18.25	4.69	2.12	0.60
15.70	4.42	1.91	0.96	18.30	4.69	2.12	0.60
15.75	4.43	1.92	0.95	18.35	4.70	2.12	0.60
15.80	4.44	1.92	0.94	18.40	4.70	2.13	0.60
15.85	4.44	1.93	0.93	18.45	4.70	2.13	0.60
15.90	4.45	1.93	0.93	18.50	4.71	2.13	0.59
15.95	4.46	1.94	0.92	18.55	4.71	2.14	0.59
16.00	4.46	1.94	0.92	18.60	4.72	2.14	0.59
16.05	4.47	1.95	0.91	18.65	4.72	2.14	0.59
16.10	4.47	1.95	0.90	18.70	4.72	2.15	0.59
16.15	4.48	1.96	0.89	18.75	4.73	2.15	0.58
16.20	4.49	1.96	0.89	18.80	4.73	2.15	0.58
16.25	4.49	1.97	0.88	18.85	4.74	2.16	0.58
16.30	4.50	1.97	0.87	18.90	4.74	2.16	0.58
16.35	4.50	1.98	0.87	18.95	4.74	2.16	0.58
16.40	4.51	1.98	0.86	19.00	4.75	2.16	0.58
16.45	4.52	1.98	0.85	19.05	4.75	2.17	0.57
16.50	4.52	1.99	0.85	19.10	4.76	2.17	0.57
16.55	4.53	1.99	0.84	19.15	4.76	2.17	0.57
16.60	4.53	2.00	0.83	19.20	4.76	2.18	0.57
16.65	4.54	2.00	0.83	19.25	4.77	2.18	0.57
16.70	4.54	2.01	0.82	19.30	4.77	2.18	0.57
16.75	4.55	2.01	0.81	19.35	4.77	2.19	0.56
16.80	4.55	2.01	0.80	19.40	4.78	2.19	0.56
16.85	4.56	2.02	0.80	19.45	4.78	2.19	0.56
16.90	4.57	2.02	0.79	19.50	4.79	2.19	0.56
16.95	4.57	2.03	0.78	19.55	4.79	2.20	0.56
17.00	4.58	2.03	0.78	19.60	4.79	2.20	0.56
17.05	4.58	2.03	0.77	19.65	4.80	2.20	0.55
17.10	4.59	2.04	0.76	19.70	4.80	2.21	0.55
17.15	4.59	2.04	0.76	19.75	4.80	2.21	0.55
17.20	4.60	2.05	0.75	19.80	4.81	2.21	0.55
17.25	4.60	2.05	0.74	19.85	4.81	2.21	0.55
17.30	4.61	2.05	0.73	19.90	4.81	2.22	0.55
17.35	4.61	2.06	0.73	19.95	4.82	2.22	0.54
17.40	4.61	2.06	0.72	20.00	4.82	2.22	0.54
17.45	4.62	2.06	0.71	20.05	4.83	2.23	0.54
17.50	4.62	2.07	0.71	20.10	4.83	2.23	0.54
17.55	4.63	2.07	0.70	20.15	4.83	2.23	0.54
17.60	4.63	2.08	0.69	20.20	4.84	2.23	0.53
17.65	4.64	2.08	0.68	20.25	4.84	2.24	0.53
17.70	4.64	2.08	0.68	20.30	4.84	2.24	0.53
17.75	4.65	2.09	0.67	20.35	4.85	2.24	0.53
17.80	4.65	2.09	0.66	20.40	4.85	2.25	0.53
17.85	4.66	2.09	0.66	20.45	4.85	2.25	0.53
17.90	4.66	2.10	0.65	20.50	4.86	2.25	0.52
17.95	4.66	2.10	0.64	20.55	4.86	2.25	0.52
18.00	4.67	2.10	0.63	20.60	4.86	2.26	0.52
18.05	4.67	2.11	0.63	20.65	4.87	2.26	0.52
18.10	4.68	2.11	0.62	20.70	4.87	2.26	0.52
18.15	4.68	2.11	0.61	20.75	4.87	2.26	0.52

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.51	23.40	5.04	2.39	0.42
20.85	4.88	2.27	0.51	23.45	5.04	2.40	0.42
20.90	4.88	2.27	0.51	23.50	5.04	2.40	0.42
20.95	4.89	2.28	0.51	23.55	5.04	2.40	0.41
21.00	4.89	2.28	0.51	23.60	5.05	2.40	0.41
21.05	4.89	2.28	0.50	23.65	5.05	2.40	0.41
21.10	4.90	2.28	0.50	23.70	5.05	2.41	0.41
21.15	4.90	2.29	0.50	23.75	5.06	2.41	0.41
21.20	4.90	2.29	0.50	23.80	5.06	2.41	0.41
21.25	4.91	2.29	0.50	23.85	5.06	2.41	0.40
21.30	4.91	2.29	0.50	23.90	5.06	2.42	0.40
21.35	4.91	2.30	0.50	23.95	5.07	2.42	0.40
21.40	4.92	2.30	0.49	24.00	5.07	2.42	0.42
21.45	4.92	2.30	0.49	24.05	5.07	2.42	0.43
21.50	4.92	2.30	0.49	24.10	5.07	2.42	0.36
21.55	4.93	2.31	0.49	24.15	5.07	2.42	0.21
21.60	4.93	2.31	0.48	24.20	5.07	2.42	0.10
21.65	4.93	2.31	0.48	24.25	5.07	2.42	0.05
21.70	4.94	2.31	0.48	24.30	5.07	2.42	0.02
21.75	4.94	2.32	0.48	24.35	5.07	2.42	0.01
21.80	4.94	2.32	0.48	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.48	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.48	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.47	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.47	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.47	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.47	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.46	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.46	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.46	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.46	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.46	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.46	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.45	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.45	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.45	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.45	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.45	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.45	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.44	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.44	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.44	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.44	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.44	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.43	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.43	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.43	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.43	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.43	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.42	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.42	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.42	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 3.19" for Current 10 yr event
 Inflow = 4.64 cfs @ 12.17 hrs, Volume= 0.375 af
 Outflow = 2.21 cfs @ 12.36 hrs, Volume= 0.329 af, Atten= 52%, Lag= 11.3 min
 Primary = 2.21 cfs @ 12.36 hrs, Volume= 0.329 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.63' @ 12.36 hrs Surf.Area= 3,007 sf Storage= 7,261 cf

Plug-Flow detention time= 290.1 min calculated for 0.329 af (88% of inflow)
 Center-of-Mass det. time= 231.2 min (1,030.8 - 799.6)

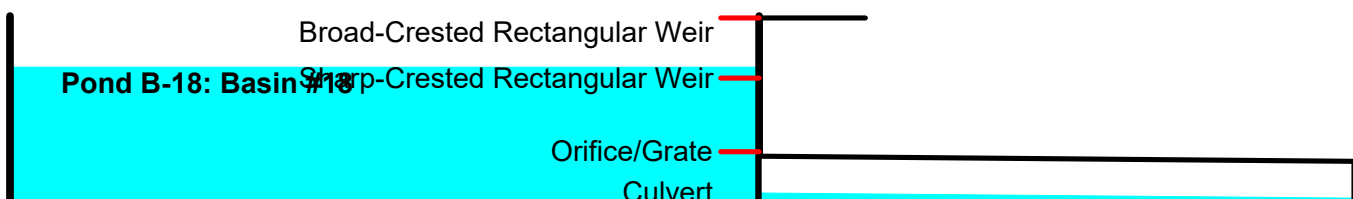
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

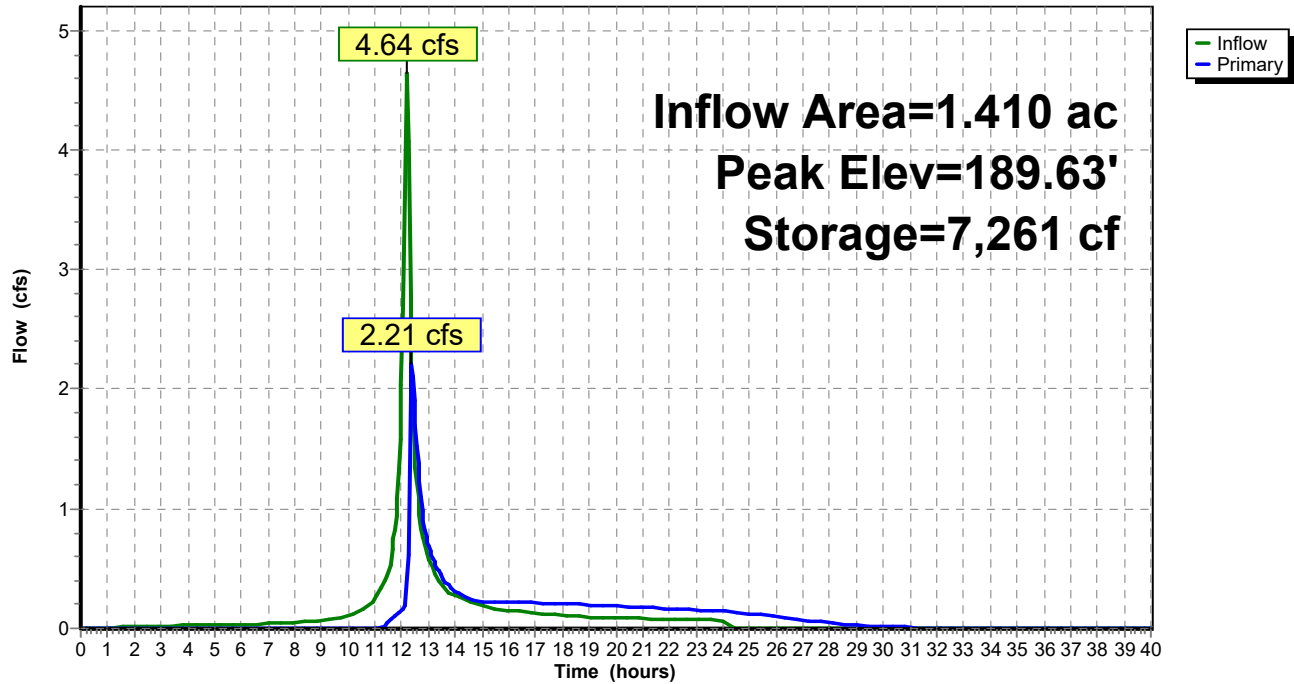
Primary OutFlow Max=2.17 cfs @ 12.36 hrs HW=189.62' (Free Discharge)

1=Culvert (Passes 2.17 cfs of 10.23 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.06 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.93 cfs @ 1.74 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	1	186.00	0.00
1.20	0.00	2	186.00	0.00
1.30	0.00	4	186.00	0.00
1.40	0.01	6	186.01	0.00
1.50	0.01	8	186.01	0.00
1.60	0.01	11	186.01	0.00
1.70	0.01	14	186.01	0.00
1.80	0.01	17	186.02	0.00
1.90	0.01	21	186.02	0.00
2.00	0.01	25	186.02	0.00
2.10	0.01	30	186.03	0.00
2.20	0.01	34	186.03	0.00
2.30	0.01	39	186.03	0.00
2.40	0.01	44	186.04	0.00
2.50	0.02	50	186.04	0.00
2.60	0.02	55	186.05	0.00
2.70	0.02	61	186.05	0.00
2.80	0.02	67	186.06	0.00
2.90	0.02	74	186.07	0.00
3.00	0.02	80	186.07	0.00
3.10	0.02	87	186.08	0.00
3.20	0.02	94	186.08	0.00
3.30	0.02	101	186.09	0.00
3.40	0.02	109	186.10	0.00
3.50	0.02	116	186.10	0.00
3.60	0.02	124	186.11	0.00
3.70	0.02	132	186.12	0.00
3.80	0.02	140	186.12	0.00
3.90	0.02	149	186.13	0.00
4.00	0.02	157	186.14	0.00
4.10	0.02	166	186.14	0.00
4.20	0.02	175	186.15	0.00
4.30	0.03	184	186.16	0.00
4.40	0.03	193	186.17	0.00
4.50	0.03	202	186.17	0.00
4.60	0.03	212	186.18	0.00
4.70	0.03	221	186.19	0.00
4.80	0.03	231	186.20	0.00
4.90	0.03	241	186.21	0.00
5.00	0.03	251	186.22	0.00
5.10	0.03	261	186.22	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	272	186.23	0.00
5.30	0.03	282	186.24	0.00
5.40	0.03	293	186.25	0.00
5.50	0.03	303	186.26	0.00
5.60	0.03	314	186.27	0.00
5.70	0.03	325	186.28	0.00
5.80	0.03	336	186.28	0.00
5.90	0.03	348	186.29	0.00
6.00	0.03	359	186.30	0.00
6.10	0.03	370	186.31	0.00
6.20	0.03	382	186.32	0.00
6.30	0.03	394	186.33	0.00
6.40	0.03	407	186.34	0.00
6.50	0.04	419	186.35	0.00
6.60	0.04	433	186.36	0.00
6.70	0.04	446	186.37	0.00
6.80	0.04	460	186.38	0.00
6.90	0.04	474	186.39	0.00
7.00	0.04	488	186.40	0.00
7.10	0.04	503	186.42	0.00
7.20	0.04	518	186.43	0.00
7.30	0.04	534	186.44	0.00
7.40	0.04	550	186.45	0.00
7.50	0.05	566	186.46	0.00
7.60	0.05	582	186.48	0.00
7.70	0.05	599	186.49	0.00
7.80	0.05	617	186.50	0.00
7.90	0.05	634	186.51	0.00
8.00	0.05	652	186.53	0.00
8.10	0.05	670	186.54	0.00
8.20	0.05	689	186.55	0.00
8.30	0.05	708	186.57	0.00
8.40	0.05	727	186.58	0.00
8.50	0.06	747	186.60	0.00
8.60	0.06	767	186.61	0.00
8.70	0.06	788	186.63	0.00
8.80	0.06	808	186.64	0.00
8.90	0.06	830	186.66	0.00
9.00	0.06	851	186.67	0.00
9.10	0.06	874	186.69	0.00
9.20	0.07	898	186.70	0.00
9.30	0.07	923	186.72	0.00
9.40	0.08	950	186.74	0.00
9.50	0.08	979	186.76	0.00
9.60	0.09	1,010	186.78	0.00
9.70	0.09	1,043	186.80	0.00
9.80	0.10	1,078	186.83	0.00
9.90	0.11	1,115	186.85	0.00
10.00	0.11	1,154	186.88	0.00
10.10	0.12	1,196	186.91	0.00
10.20	0.12	1,239	186.93	0.00
10.30	0.13	1,286	186.96	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,334	187.00	0.00
10.50	0.15	1,386	187.03	0.00
10.60	0.16	1,440	187.06	0.00
10.70	0.17	1,499	187.10	0.00
10.80	0.20	1,566	187.14	0.00
10.90	0.22	1,640	187.19	0.00
11.00	0.24	1,723	187.24	0.00
11.10	0.27	1,815	187.29	0.00
11.20	0.31	1,920	187.35	0.00
11.30	0.36	2,040	187.42	0.01
11.40	0.41	2,172	187.49	0.02
11.50	0.46	2,313	187.57	0.05
11.60	0.56	2,471	187.65	0.07
11.70	0.75	2,681	187.76	0.09
11.80	0.94	2,947	187.90	0.11
11.90	1.30	3,302	188.07	0.13
12.00	2.04	3,838	188.32	0.15
12.10	3.61	4,769	188.71	0.18
12.20	4.51	6,244	189.27	0.22
12.30	2.79	7,180	189.60	1.94
12.40	1.82	7,232	189.62	2.11
12.50	1.35	7,105	189.57	1.70
12.60	1.10	6,997	189.54	1.37
12.70	0.83	6,898	189.50	1.09
12.80	0.72	6,820	189.48	0.90
12.90	0.65	6,768	189.46	0.77
13.00	0.59	6,731	189.45	0.68
13.10	0.53	6,698	189.43	0.62
13.20	0.47	6,667	189.42	0.56
13.30	0.43	6,640	189.41	0.50
13.40	0.40	6,617	189.41	0.46
13.50	0.37	6,598	189.40	0.42
13.60	0.33	6,578	189.39	0.39
13.70	0.31	6,556	189.39	0.37
13.80	0.29	6,536	189.38	0.34
13.90	0.28	6,521	189.37	0.32
14.00	0.27	6,508	189.37	0.31
14.10	0.27	6,498	189.36	0.29
14.20	0.26	6,489	189.36	0.28
14.30	0.25	6,481	189.36	0.27
14.40	0.24	6,473	189.36	0.26
14.50	0.23	6,466	189.35	0.25
14.60	0.22	6,459	189.35	0.24
14.70	0.21	6,451	189.35	0.24
14.80	0.20	6,442	189.35	0.23
14.90	0.20	6,432	189.34	0.23
15.00	0.19	6,420	189.34	0.22
15.10	0.18	6,405	189.33	0.22
15.20	0.17	6,387	189.33	0.22
15.30	0.17	6,368	189.32	0.22
15.40	0.16	6,347	189.31	0.22
15.50	0.16	6,326	189.30	0.22

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	6,304	189.30	0.22
15.70	0.16	6,281	189.29	0.22
15.80	0.15	6,258	189.28	0.22
15.90	0.15	6,234	189.27	0.22
16.00	0.15	6,209	189.26	0.22
16.10	0.15	6,184	189.25	0.22
16.20	0.15	6,159	189.24	0.22
16.30	0.14	6,132	189.23	0.22
16.40	0.14	6,105	189.22	0.22
16.50	0.14	6,078	189.21	0.22
16.60	0.14	6,049	189.20	0.22
16.70	0.13	6,020	189.19	0.22
16.80	0.13	5,991	189.18	0.21
16.90	0.13	5,961	189.17	0.21
17.00	0.13	5,930	189.16	0.21
17.10	0.12	5,899	189.15	0.21
17.20	0.12	5,867	189.14	0.21
17.30	0.12	5,835	189.13	0.21
17.40	0.12	5,802	189.11	0.21
17.50	0.12	5,768	189.10	0.21
17.60	0.11	5,734	189.09	0.21
17.70	0.11	5,699	189.08	0.21
17.80	0.11	5,664	189.06	0.21
17.90	0.11	5,629	189.05	0.21
18.00	0.10	5,592	189.03	0.21
18.10	0.10	5,555	189.02	0.20
18.20	0.10	5,518	189.01	0.20
18.30	0.10	5,481	188.99	0.20
18.40	0.10	5,443	188.98	0.20
18.50	0.10	5,406	188.96	0.20
18.60	0.10	5,369	188.95	0.20
18.70	0.10	5,332	188.94	0.20
18.80	0.10	5,295	188.92	0.20
18.90	0.09	5,258	188.91	0.20
19.00	0.09	5,221	188.89	0.20
19.10	0.09	5,185	188.88	0.19
19.20	0.09	5,149	188.86	0.19
19.30	0.09	5,112	188.85	0.19
19.40	0.09	5,076	188.84	0.19
19.50	0.09	5,041	188.82	0.19
19.60	0.09	5,005	188.81	0.19
19.70	0.09	4,969	188.79	0.19
19.80	0.09	4,934	188.78	0.19
19.90	0.09	4,899	188.76	0.19
20.00	0.09	4,864	188.75	0.19
20.10	0.09	4,829	188.74	0.18
20.20	0.09	4,794	188.72	0.18
20.30	0.09	4,759	188.71	0.18
20.40	0.09	4,725	188.69	0.18
20.50	0.09	4,690	188.68	0.18
20.60	0.08	4,656	188.67	0.18
20.70	0.08	4,622	188.65	0.18

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	4,589	188.64	0.18
20.90	0.08	4,555	188.62	0.18
21.00	0.08	4,522	188.61	0.17
21.10	0.08	4,488	188.60	0.17
21.20	0.08	4,455	188.58	0.17
21.30	0.08	4,422	188.57	0.17
21.40	0.08	4,390	188.56	0.17
21.50	0.08	4,357	188.54	0.17
21.60	0.08	4,325	188.53	0.17
21.70	0.08	4,292	188.51	0.17
21.80	0.08	4,260	188.50	0.17
21.90	0.08	4,229	188.49	0.17
22.00	0.08	4,197	188.47	0.16
22.10	0.08	4,165	188.46	0.16
22.20	0.08	4,134	188.45	0.16
22.30	0.07	4,103	188.43	0.16
22.40	0.07	4,072	188.42	0.16
22.50	0.07	4,041	188.41	0.16
22.60	0.07	4,011	188.39	0.16
22.70	0.07	3,981	188.38	0.16
22.80	0.07	3,950	188.37	0.16
22.90	0.07	3,920	188.35	0.15
23.00	0.07	3,891	188.34	0.15
23.10	0.07	3,861	188.33	0.15
23.20	0.07	3,832	188.31	0.15
23.30	0.07	3,803	188.30	0.15
23.40	0.07	3,774	188.29	0.15
23.50	0.07	3,745	188.27	0.15
23.60	0.07	3,717	188.26	0.15
23.70	0.07	3,688	188.25	0.14
23.80	0.07	3,660	188.24	0.14
23.90	0.06	3,632	188.22	0.14
24.00	0.07	3,605	188.21	0.14
24.10	0.06	3,579	188.20	0.14
24.20	0.02	3,541	188.18	0.14
24.30	0.00	3,495	188.16	0.14
24.40	0.00	3,447	188.14	0.13
24.50	0.00	3,400	188.12	0.13
24.60	0.00	3,353	188.09	0.13
24.70	0.00	3,307	188.07	0.13
24.80	0.00	3,261	188.05	0.12
24.90	0.00	3,217	188.03	0.12
25.00	0.00	3,173	188.01	0.12
25.10	0.00	3,131	187.99	0.12
25.20	0.00	3,089	187.97	0.12
25.30	0.00	3,048	187.95	0.11
25.40	0.00	3,008	187.93	0.11
25.50	0.00	2,968	187.91	0.11
25.60	0.00	2,930	187.89	0.11
25.70	0.00	2,892	187.87	0.10
25.80	0.00	2,855	187.85	0.10
25.90	0.00	2,820	187.83	0.10

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,785	187.82	0.10
26.10	0.00	2,750	187.80	0.09
26.20	0.00	2,717	187.78	0.09
26.30	0.00	2,685	187.77	0.09
26.40	0.00	2,654	187.75	0.09
26.50	0.00	2,623	187.73	0.08
26.60	0.00	2,593	187.72	0.08
26.70	0.00	2,565	187.70	0.08
26.80	0.00	2,537	187.69	0.08
26.90	0.00	2,510	187.67	0.07
27.00	0.00	2,484	187.66	0.07
27.10	0.00	2,459	187.65	0.07
27.20	0.00	2,435	187.63	0.07
27.30	0.00	2,412	187.62	0.06
27.40	0.00	2,390	187.61	0.06
27.50	0.00	2,368	187.60	0.06
27.60	0.00	2,348	187.59	0.06
27.70	0.00	2,329	187.58	0.05
27.80	0.00	2,310	187.57	0.05
27.90	0.00	2,293	187.56	0.05
28.00	0.00	2,276	187.55	0.04
28.10	0.00	2,261	187.54	0.04
28.20	0.00	2,246	187.53	0.04
28.30	0.00	2,232	187.53	0.04
28.40	0.00	2,220	187.52	0.03
28.50	0.00	2,208	187.51	0.03
28.60	0.00	2,197	187.51	0.03
28.70	0.00	2,187	187.50	0.03
28.80	0.00	2,177	187.49	0.03
28.90	0.00	2,168	187.49	0.02
29.00	0.00	2,159	187.49	0.02
29.10	0.00	2,152	187.48	0.02
29.20	0.00	2,144	187.48	0.02
29.30	0.00	2,137	187.47	0.02
29.40	0.00	2,131	187.47	0.02
29.50	0.00	2,124	187.47	0.02
29.60	0.00	2,119	187.46	0.02
29.70	0.00	2,113	187.46	0.01
29.80	0.00	2,108	187.46	0.01
29.90	0.00	2,103	187.45	0.01
30.00	0.00	2,099	187.45	0.01
30.10	0.00	2,095	187.45	0.01
30.20	0.00	2,090	187.45	0.01
30.30	0.00	2,087	187.44	0.01
30.40	0.00	2,083	187.44	0.01
30.50	0.00	2,079	187.44	0.01
30.60	0.00	2,076	187.44	0.01
30.70	0.00	2,073	187.44	0.01
30.80	0.00	2,069	187.43	0.01
30.90	0.00	2,066	187.43	0.01
31.00	0.00	2,063	187.43	0.01
31.10	0.00	2,061	187.43	0.01

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,058	187.43	0.01
31.30	0.00	2,055	187.43	0.01
31.40	0.00	2,053	187.43	0.01
31.50	0.00	2,050	187.42	0.01
31.60	0.00	2,048	187.42	0.01
31.70	0.00	2,046	187.42	0.01
31.80	0.00	2,044	187.42	0.01
31.90	0.00	2,042	187.42	0.01
32.00	0.00	2,040	187.42	0.01
32.10	0.00	2,038	187.42	0.01
32.20	0.00	2,036	187.42	0.00
32.30	0.00	2,034	187.42	0.00
32.40	0.00	2,032	187.41	0.00
32.50	0.00	2,031	187.41	0.00
32.60	0.00	2,029	187.41	0.00
32.70	0.00	2,028	187.41	0.00
32.80	0.00	2,026	187.41	0.00
32.90	0.00	2,025	187.41	0.00
33.00	0.00	2,024	187.41	0.00
33.10	0.00	2,022	187.41	0.00
33.20	0.00	2,021	187.41	0.00
33.30	0.00	2,020	187.41	0.00
33.40	0.00	2,019	187.41	0.00
33.50	0.00	2,018	187.41	0.00
33.60	0.00	2,017	187.41	0.00
33.70	0.00	2,016	187.40	0.00
33.80	0.00	2,015	187.40	0.00
33.90	0.00	2,014	187.40	0.00
34.00	0.00	2,013	187.40	0.00
34.10	0.00	2,012	187.40	0.00
34.20	0.00	2,011	187.40	0.00
34.30	0.00	2,010	187.40	0.00
34.40	0.00	2,010	187.40	0.00
34.50	0.00	2,009	187.40	0.00
34.60	0.00	2,008	187.40	0.00
34.70	0.00	2,008	187.40	0.00
34.80	0.00	2,007	187.40	0.00
34.90	0.00	2,006	187.40	0.00
35.00	0.00	2,006	187.40	0.00
35.10	0.00	2,005	187.40	0.00
35.20	0.00	2,004	187.40	0.00
35.30	0.00	2,004	187.40	0.00
35.40	0.00	2,003	187.40	0.00
35.50	0.00	2,003	187.40	0.00
35.60	0.00	2,002	187.40	0.00
35.70	0.00	2,002	187.40	0.00
35.80	0.00	2,001	187.40	0.00
35.90	0.00	2,000	187.40	0.00
36.00	0.00	2,000	187.40	0.00
36.10	0.00	1,999	187.40	0.00
36.20	0.00	1,999	187.40	0.00
36.30	0.00	1,998	187.39	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,998	187.39	0.00
36.50	0.00	1,997	187.39	0.00
36.60	0.00	1,997	187.39	0.00
36.70	0.00	1,996	187.39	0.00
36.80	0.00	1,996	187.39	0.00
36.90	0.00	1,995	187.39	0.00
37.00	0.00	1,995	187.39	0.00
37.10	0.00	1,994	187.39	0.00
37.20	0.00	1,994	187.39	0.00
37.30	0.00	1,993	187.39	0.00
37.40	0.00	1,993	187.39	0.00
37.50	0.00	1,992	187.39	0.00
37.60	0.00	1,992	187.39	0.00
37.70	0.00	1,991	187.39	0.00
37.80	0.00	1,991	187.39	0.00
37.90	0.00	1,990	187.39	0.00
38.00	0.00	1,990	187.39	0.00
38.10	0.00	1,990	187.39	0.00
38.20	0.00	1,989	187.39	0.00
38.30	0.00	1,989	187.39	0.00
38.40	0.00	1,988	187.39	0.00
38.50	0.00	1,988	187.39	0.00
38.60	0.00	1,988	187.39	0.00
38.70	0.00	1,987	187.39	0.00
38.80	0.00	1,987	187.39	0.00
38.90	0.00	1,986	187.39	0.00
39.00	0.00	1,986	187.39	0.00
39.10	0.00	1,986	187.39	0.00
39.20	0.00	1,985	187.39	0.00
39.30	0.00	1,985	187.39	0.00
39.40	0.00	1,984	187.39	0.00
39.50	0.00	1,984	187.39	0.00
39.60	0.00	1,984	187.39	0.00
39.70	0.00	1,983	187.39	0.00
39.80	0.00	1,983	187.39	0.00
39.90	0.00	1,983	187.39	0.00
40.00	0.00	1,982	187.39	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 5.74 cfs @ 12.17 hrs, Volume= 0.466 af
 Outflow = 2.98 cfs @ 12.34 hrs, Volume= 0.406 af, Atten= 48%, Lag= 9.9 min
 Primary = 2.98 cfs @ 12.34 hrs, Volume= 0.406 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 198.11' @ 12.34 hrs Surf.Area= 3,886 sf Storage= 8,887 cf

Plug-Flow detention time= 321.9 min calculated for 0.405 af (87% of inflow)
 Center-of-Mass det. time= 260.5 min (1,057.1 - 796.6)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

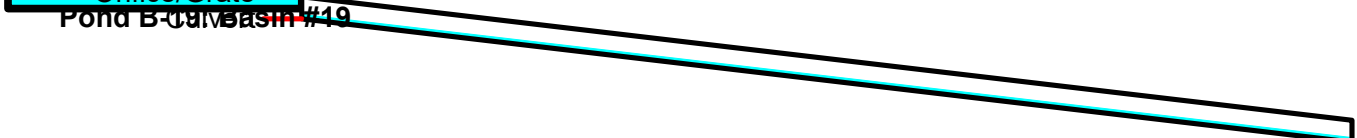
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=2.96 cfs @ 12.34 hrs HW=198.11' (Free Discharge)

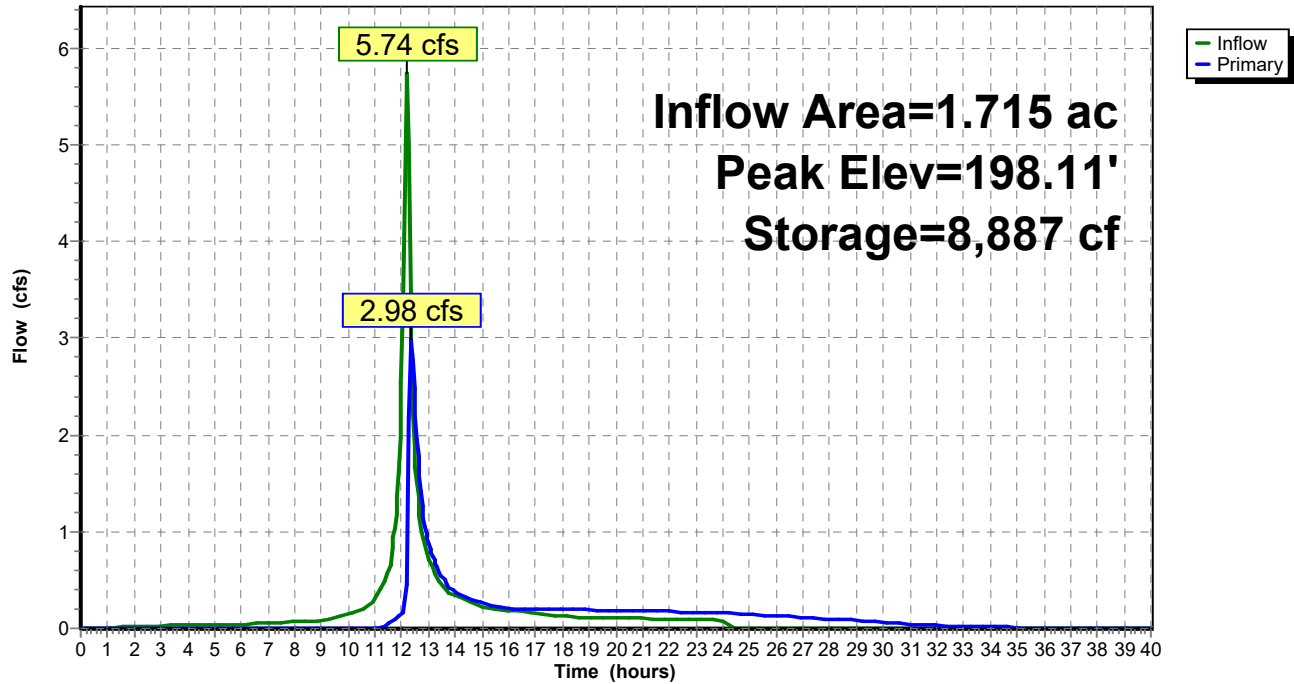
- 1=Culvert (Passes 2.96 cfs of 14.87 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.59 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 2.73 cfs @ 1.95 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	1	195.00	0.00
1.10	0.00	2	195.00	0.00
1.20	0.01	3	195.00	0.00
1.30	0.01	5	195.00	0.00
1.40	0.01	8	195.00	0.00
1.50	0.01	11	195.01	0.00
1.60	0.01	15	195.01	0.00
1.70	0.01	19	195.01	0.00
1.80	0.01	23	195.01	0.00
1.90	0.01	28	195.01	0.00
2.00	0.02	34	195.02	0.00
2.10	0.02	39	195.02	0.00
2.20	0.02	45	195.02	0.00
2.30	0.02	52	195.03	0.00
2.40	0.02	59	195.03	0.00
2.50	0.02	66	195.03	0.00
2.60	0.02	74	195.04	0.00
2.70	0.02	81	195.04	0.00
2.80	0.02	90	195.05	0.00
2.90	0.02	98	195.05	0.00
3.00	0.02	107	195.06	0.00
3.10	0.03	116	195.06	0.00
3.20	0.03	125	195.06	0.00
3.30	0.03	135	195.07	0.00
3.40	0.03	144	195.07	0.00
3.50	0.03	155	195.08	0.00
3.60	0.03	165	195.08	0.00
3.70	0.03	175	195.09	0.00
3.80	0.03	186	195.10	0.00
3.90	0.03	197	195.10	0.00
4.00	0.03	209	195.11	0.00
4.10	0.03	220	195.11	0.00
4.20	0.03	232	195.12	0.00
4.30	0.03	244	195.12	0.00
4.40	0.03	256	195.13	0.00
4.50	0.03	268	195.14	0.00
4.60	0.04	281	195.14	0.00
4.70	0.04	294	195.15	0.00
4.80	0.04	307	195.16	0.00
4.90	0.04	320	195.16	0.00
5.00	0.04	333	195.17	0.00
5.10	0.04	347	195.18	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	360	195.18	0.00
5.30	0.04	374	195.19	0.00
5.40	0.04	388	195.20	0.00
5.50	0.04	402	195.20	0.00
5.60	0.04	417	195.21	0.00
5.70	0.04	431	195.22	0.00
5.80	0.04	446	195.23	0.00
5.90	0.04	461	195.23	0.00
6.00	0.04	476	195.24	0.00
6.10	0.04	491	195.25	0.00
6.20	0.04	507	195.25	0.00
6.30	0.05	523	195.26	0.00
6.40	0.05	540	195.27	0.00
6.50	0.05	556	195.28	0.00
6.60	0.05	574	195.29	0.00
6.70	0.05	592	195.30	0.00
6.80	0.05	610	195.30	0.00
6.90	0.05	629	195.31	0.00
7.00	0.05	648	195.32	0.00
7.10	0.06	667	195.33	0.00
7.20	0.06	688	195.34	0.00
7.30	0.06	708	195.35	0.00
7.40	0.06	729	195.36	0.00
7.50	0.06	751	195.37	0.00
7.60	0.06	773	195.38	0.00
7.70	0.06	795	195.39	0.00
7.80	0.06	818	195.40	0.00
7.90	0.07	841	195.41	0.00
8.00	0.07	865	195.42	0.00
8.10	0.07	889	195.44	0.00
8.20	0.07	914	195.45	0.00
8.30	0.07	939	195.46	0.00
8.40	0.07	965	195.47	0.00
8.50	0.07	991	195.48	0.00
8.60	0.07	1,018	195.49	0.00
8.70	0.08	1,045	195.51	0.00
8.80	0.08	1,073	195.52	0.00
8.90	0.08	1,101	195.53	0.00
9.00	0.08	1,129	195.54	0.00
9.10	0.08	1,159	195.56	0.00
9.20	0.09	1,191	195.57	0.00
9.30	0.10	1,224	195.59	0.00
9.40	0.10	1,260	195.60	0.00
9.50	0.11	1,298	195.62	0.00
9.60	0.12	1,338	195.64	0.00
9.70	0.12	1,381	195.66	0.00
9.80	0.13	1,427	195.68	0.00
9.90	0.14	1,475	195.70	0.00
10.00	0.15	1,526	195.72	0.00
10.10	0.15	1,579	195.74	0.00
10.20	0.16	1,636	195.77	0.00
10.30	0.17	1,696	195.79	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	1,759	195.82	0.00
10.50	0.19	1,825	195.85	0.00
10.60	0.20	1,894	195.87	0.00
10.70	0.22	1,970	195.91	0.00
10.80	0.25	2,056	195.94	0.00
10.90	0.28	2,151	195.98	0.00
11.00	0.31	2,257	196.02	0.00
11.10	0.35	2,374	196.07	0.00
11.20	0.40	2,507	196.12	0.00
11.30	0.45	2,659	196.18	0.01
11.40	0.51	2,828	196.24	0.02
11.50	0.57	3,012	196.31	0.05
11.60	0.71	3,218	196.39	0.06
11.70	0.95	3,491	196.49	0.08
11.80	1.17	3,836	196.61	0.10
11.90	1.62	4,294	196.77	0.12
12.00	2.54	4,977	196.99	0.14
12.10	4.47	6,152	197.35	0.17
12.20	5.58	7,953	197.86	0.71
12.30	3.44	8,858	198.10	2.90
12.40	2.24	8,814	198.09	2.77
12.50	1.66	8,610	198.04	2.20
12.60	1.35	8,443	197.99	1.77
12.70	1.03	8,296	197.95	1.41
12.80	0.89	8,179	197.92	1.15
12.90	0.80	8,100	197.90	0.98
13.00	0.72	8,041	197.89	0.87
13.10	0.65	7,993	197.87	0.78
13.20	0.58	7,949	197.86	0.70
13.30	0.53	7,910	197.85	0.63
13.40	0.49	7,878	197.84	0.57
13.50	0.45	7,849	197.83	0.53
13.60	0.41	7,820	197.83	0.49
13.70	0.38	7,792	197.82	0.45
13.80	0.36	7,769	197.81	0.42
13.90	0.35	7,750	197.81	0.39
14.00	0.34	7,736	197.80	0.37
14.10	0.33	7,725	197.80	0.35
14.20	0.31	7,715	197.80	0.34
14.30	0.30	7,704	197.79	0.33
14.40	0.29	7,693	197.79	0.32
14.50	0.28	7,682	197.79	0.31
14.60	0.27	7,671	197.79	0.30
14.70	0.26	7,660	197.78	0.29
14.80	0.25	7,648	197.78	0.28
14.90	0.24	7,637	197.78	0.27
15.00	0.23	7,625	197.77	0.26
15.10	0.22	7,614	197.77	0.25
15.20	0.21	7,602	197.77	0.24
15.30	0.20	7,592	197.76	0.23
15.40	0.20	7,584	197.76	0.22
15.50	0.20	7,577	197.76	0.22

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	7,570	197.76	0.21
15.70	0.19	7,564	197.76	0.21
15.80	0.19	7,557	197.75	0.21
15.90	0.19	7,551	197.75	0.21
16.00	0.18	7,544	197.75	0.20
16.10	0.18	7,537	197.75	0.20
16.20	0.18	7,529	197.75	0.20
16.30	0.18	7,520	197.74	0.20
16.40	0.17	7,511	197.74	0.20
16.50	0.17	7,500	197.74	0.20
16.60	0.17	7,488	197.74	0.20
16.70	0.16	7,476	197.73	0.20
16.80	0.16	7,462	197.73	0.20
16.90	0.16	7,448	197.72	0.20
17.00	0.16	7,432	197.72	0.20
17.10	0.15	7,416	197.72	0.20
17.20	0.15	7,398	197.71	0.20
17.30	0.15	7,380	197.71	0.20
17.40	0.14	7,361	197.70	0.20
17.50	0.14	7,341	197.69	0.20
17.60	0.14	7,320	197.69	0.20
17.70	0.14	7,298	197.68	0.20
17.80	0.13	7,275	197.68	0.20
17.90	0.13	7,252	197.67	0.20
18.00	0.13	7,227	197.66	0.20
18.10	0.12	7,202	197.66	0.20
18.20	0.12	7,176	197.65	0.20
18.30	0.12	7,149	197.64	0.19
18.40	0.12	7,122	197.63	0.19
18.50	0.12	7,095	197.63	0.19
18.60	0.12	7,068	197.62	0.19
18.70	0.12	7,041	197.61	0.19
18.80	0.12	7,014	197.60	0.19
18.90	0.12	6,987	197.60	0.19
19.00	0.12	6,959	197.59	0.19
19.10	0.11	6,932	197.58	0.19
19.20	0.11	6,905	197.57	0.19
19.30	0.11	6,877	197.56	0.19
19.40	0.11	6,850	197.56	0.19
19.50	0.11	6,822	197.55	0.19
19.60	0.11	6,795	197.54	0.19
19.70	0.11	6,767	197.53	0.19
19.80	0.11	6,739	197.52	0.19
19.90	0.11	6,712	197.52	0.19
20.00	0.11	6,684	197.51	0.19
20.10	0.11	6,656	197.50	0.18
20.20	0.11	6,628	197.49	0.18
20.30	0.11	6,600	197.48	0.18
20.40	0.11	6,572	197.48	0.18
20.50	0.10	6,544	197.47	0.18
20.60	0.10	6,516	197.46	0.18
20.70	0.10	6,488	197.45	0.18

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	6,460	197.44	0.18
20.90	0.10	6,432	197.44	0.18
21.00	0.10	6,403	197.43	0.18
21.10	0.10	6,375	197.42	0.18
21.20	0.10	6,347	197.41	0.18
21.30	0.10	6,318	197.40	0.18
21.40	0.10	6,290	197.39	0.18
21.50	0.10	6,262	197.39	0.18
21.60	0.10	6,233	197.38	0.18
21.70	0.10	6,205	197.37	0.17
21.80	0.10	6,176	197.36	0.17
21.90	0.09	6,148	197.35	0.17
22.00	0.09	6,119	197.34	0.17
22.10	0.09	6,091	197.33	0.17
22.20	0.09	6,062	197.33	0.17
22.30	0.09	6,034	197.32	0.17
22.40	0.09	6,005	197.31	0.17
22.50	0.09	5,976	197.30	0.17
22.60	0.09	5,948	197.29	0.17
22.70	0.09	5,919	197.28	0.17
22.80	0.09	5,890	197.27	0.17
22.90	0.09	5,862	197.27	0.17
23.00	0.09	5,833	197.26	0.17
23.10	0.09	5,804	197.25	0.17
23.20	0.08	5,775	197.24	0.16
23.30	0.08	5,747	197.23	0.16
23.40	0.08	5,718	197.22	0.16
23.50	0.08	5,689	197.21	0.16
23.60	0.08	5,660	197.20	0.16
23.70	0.08	5,631	197.20	0.16
23.80	0.08	5,603	197.19	0.16
23.90	0.08	5,574	197.18	0.16
24.00	0.08	5,546	197.17	0.16
24.10	0.07	5,518	197.16	0.16
24.20	0.02	5,477	197.15	0.16
24.30	0.00	5,425	197.13	0.16
24.40	0.00	5,370	197.11	0.15
24.50	0.00	5,315	197.10	0.15
24.60	0.00	5,260	197.08	0.15
24.70	0.00	5,206	197.06	0.15
24.80	0.00	5,153	197.05	0.15
24.90	0.00	5,100	197.03	0.15
25.00	0.00	5,047	197.01	0.14
25.10	0.00	4,995	197.00	0.14
25.20	0.00	4,944	196.98	0.14
25.30	0.00	4,893	196.96	0.14
25.40	0.00	4,843	196.95	0.14
25.50	0.00	4,794	196.93	0.14
25.60	0.00	4,745	196.91	0.14
25.70	0.00	4,696	196.90	0.13
25.80	0.00	4,648	196.88	0.13
25.90	0.00	4,601	196.87	0.13

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,554	196.85	0.13
26.10	0.00	4,508	196.84	0.13
26.20	0.00	4,462	196.82	0.13
26.30	0.00	4,417	196.81	0.12
26.40	0.00	4,373	196.79	0.12
26.50	0.00	4,329	196.78	0.12
26.60	0.00	4,286	196.76	0.12
26.70	0.00	4,243	196.75	0.12
26.80	0.00	4,201	196.73	0.12
26.90	0.00	4,160	196.72	0.11
27.00	0.00	4,119	196.71	0.11
27.10	0.00	4,079	196.69	0.11
27.20	0.00	4,039	196.68	0.11
27.30	0.00	4,000	196.67	0.11
27.40	0.00	3,961	196.65	0.11
27.50	0.00	3,923	196.64	0.10
27.60	0.00	3,886	196.63	0.10
27.70	0.00	3,849	196.61	0.10
27.80	0.00	3,813	196.60	0.10
27.90	0.00	3,778	196.59	0.10
28.00	0.00	3,743	196.58	0.10
28.10	0.00	3,709	196.56	0.09
28.20	0.00	3,675	196.55	0.09
28.30	0.00	3,642	196.54	0.09
28.40	0.00	3,610	196.53	0.09
28.50	0.00	3,578	196.52	0.09
28.60	0.00	3,547	196.51	0.09
28.70	0.00	3,516	196.50	0.08
28.80	0.00	3,486	196.49	0.08
28.90	0.00	3,457	196.48	0.08
29.00	0.00	3,428	196.46	0.08
29.10	0.00	3,400	196.45	0.08
29.20	0.00	3,373	196.44	0.08
29.30	0.00	3,346	196.44	0.07
29.40	0.00	3,320	196.43	0.07
29.50	0.00	3,294	196.42	0.07
29.60	0.00	3,269	196.41	0.07
29.70	0.00	3,245	196.40	0.07
29.80	0.00	3,222	196.39	0.06
29.90	0.00	3,199	196.38	0.06
30.00	0.00	3,176	196.37	0.06
30.10	0.00	3,155	196.37	0.06
30.20	0.00	3,134	196.36	0.06
30.30	0.00	3,113	196.35	0.06
30.40	0.00	3,093	196.34	0.05
30.50	0.00	3,074	196.34	0.05
30.60	0.00	3,056	196.33	0.05
30.70	0.00	3,038	196.32	0.05
30.80	0.00	3,021	196.32	0.05
30.90	0.00	3,004	196.31	0.04
31.00	0.00	2,988	196.30	0.04
31.10	0.00	2,973	196.30	0.04

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,959	196.29	0.04
31.30	0.00	2,945	196.29	0.04
31.40	0.00	2,932	196.28	0.04
31.50	0.00	2,920	196.28	0.03
31.60	0.00	2,908	196.27	0.03
31.70	0.00	2,896	196.27	0.03
31.80	0.00	2,885	196.27	0.03
31.90	0.00	2,875	196.26	0.03
32.00	0.00	2,865	196.26	0.03
32.10	0.00	2,856	196.25	0.03
32.20	0.00	2,847	196.25	0.02
32.30	0.00	2,838	196.25	0.02
32.40	0.00	2,830	196.24	0.02
32.50	0.00	2,822	196.24	0.02
32.60	0.00	2,815	196.24	0.02
32.70	0.00	2,808	196.24	0.02
32.80	0.00	2,801	196.23	0.02
32.90	0.00	2,794	196.23	0.02
33.00	0.00	2,788	196.23	0.02
33.10	0.00	2,782	196.23	0.02
33.20	0.00	2,776	196.22	0.02
33.30	0.00	2,770	196.22	0.02
33.40	0.00	2,765	196.22	0.01
33.50	0.00	2,760	196.22	0.01
33.60	0.00	2,755	196.22	0.01
33.70	0.00	2,750	196.21	0.01
33.80	0.00	2,745	196.21	0.01
33.90	0.00	2,741	196.21	0.01
34.00	0.00	2,737	196.21	0.01
34.10	0.00	2,733	196.21	0.01
34.20	0.00	2,729	196.21	0.01
34.30	0.00	2,725	196.20	0.01
34.40	0.00	2,721	196.20	0.01
34.50	0.00	2,718	196.20	0.01
34.60	0.00	2,714	196.20	0.01
34.70	0.00	2,711	196.20	0.01
34.80	0.00	2,708	196.20	0.01
34.90	0.00	2,705	196.20	0.01
35.00	0.00	2,702	196.20	0.01
35.10	0.00	2,699	196.19	0.01
35.20	0.00	2,696	196.19	0.01
35.30	0.00	2,693	196.19	0.01
35.40	0.00	2,691	196.19	0.01
35.50	0.00	2,688	196.19	0.01
35.60	0.00	2,685	196.19	0.01
35.70	0.00	2,683	196.19	0.01
35.80	0.00	2,680	196.19	0.01
35.90	0.00	2,678	196.19	0.01
36.00	0.00	2,676	196.19	0.01
36.10	0.00	2,673	196.18	0.01
36.20	0.00	2,671	196.18	0.01
36.30	0.00	2,669	196.18	0.01

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,667	196.18	0.01
36.50	0.00	2,665	196.18	0.01
36.60	0.00	2,663	196.18	0.01
36.70	0.00	2,661	196.18	0.01
36.80	0.00	2,659	196.18	0.01
36.90	0.00	2,657	196.18	0.01
37.00	0.00	2,655	196.18	0.00
37.10	0.00	2,654	196.18	0.00
37.20	0.00	2,652	196.18	0.00
37.30	0.00	2,650	196.18	0.00
37.40	0.00	2,648	196.17	0.00
37.50	0.00	2,647	196.17	0.00
37.60	0.00	2,645	196.17	0.00
37.70	0.00	2,644	196.17	0.00
37.80	0.00	2,642	196.17	0.00
37.90	0.00	2,641	196.17	0.00
38.00	0.00	2,639	196.17	0.00
38.10	0.00	2,638	196.17	0.00
38.20	0.00	2,637	196.17	0.00
38.30	0.00	2,635	196.17	0.00
38.40	0.00	2,634	196.17	0.00
38.50	0.00	2,633	196.17	0.00
38.60	0.00	2,632	196.17	0.00
38.70	0.00	2,630	196.17	0.00
38.80	0.00	2,629	196.17	0.00
38.90	0.00	2,628	196.17	0.00
39.00	0.00	2,627	196.17	0.00
39.10	0.00	2,626	196.17	0.00
39.20	0.00	2,625	196.17	0.00
39.30	0.00	2,624	196.17	0.00
39.40	0.00	2,623	196.17	0.00
39.50	0.00	2,622	196.16	0.00
39.60	0.00	2,621	196.16	0.00
39.70	0.00	2,620	196.16	0.00
39.80	0.00	2,619	196.16	0.00
39.90	0.00	2,618	196.16	0.00
40.00	0.00	2,617	196.16	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 3.53" for Current 10 yr event
 Inflow = 8.75 cfs @ 12.17 hrs, Volume= 0.722 af
 Outflow = 3.93 cfs @ 12.37 hrs, Volume= 0.590 af, Atten= 55%, Lag= 11.7 min
 Primary = 3.93 cfs @ 12.37 hrs, Volume= 0.590 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 153.19' @ 12.37 hrs Surf.Area= 7,673 sf Storage= 14,872 cf

Plug-Flow detention time= 392.2 min calculated for 0.589 af (82% of inflow)
 Center-of-Mass det. time= 315.0 min (1,101.2 - 786.1)

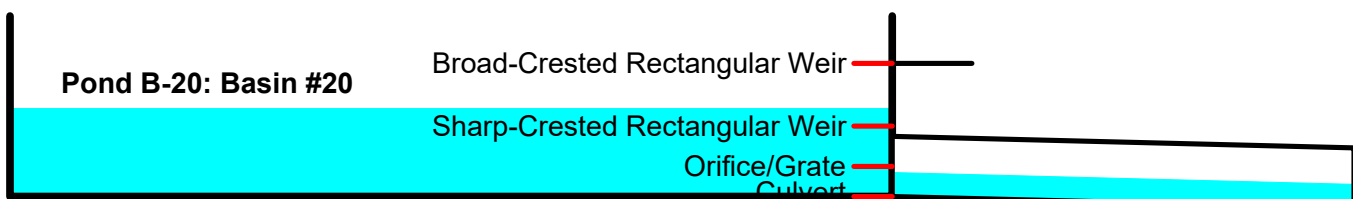
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

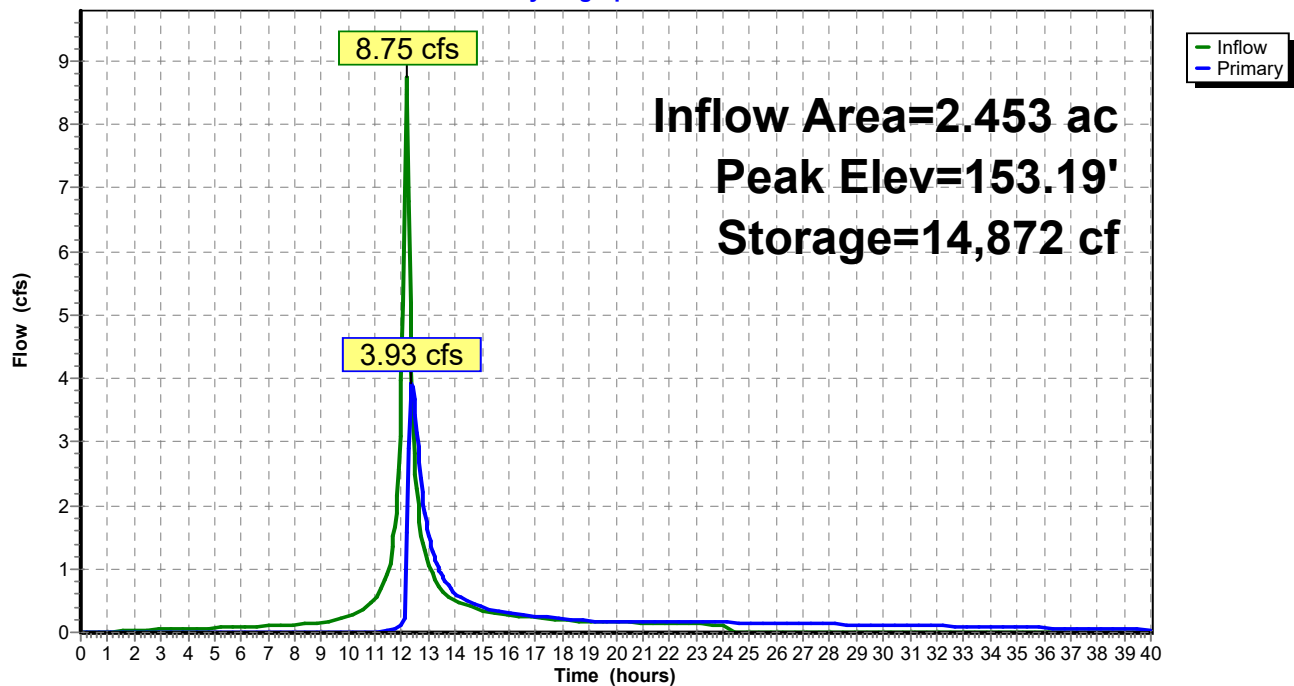
Primary OutFlow Max=3.89 cfs @ 12.37 hrs HW=153.19' (Free Discharge)

1=Culvert (Passes 3.89 cfs of 9.84 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.56 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.71 cfs @ 2.16 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20

Hydrograph



Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.00	0	151.00	0.00
0.60	0.00	0	151.00	0.00
0.70	0.00	0	151.00	0.00
0.80	0.00	0	151.00	0.00
0.90	0.00	0	151.00	0.00
1.00	0.00	1	151.00	0.00
1.10	0.01	3	151.00	0.00
1.20	0.01	6	151.00	0.00
1.30	0.01	10	151.00	0.00
1.40	0.02	15	151.00	0.00
1.50	0.02	21	151.00	0.00
1.60	0.02	28	151.00	0.00
1.70	0.02	35	151.01	0.00
1.80	0.02	44	151.01	0.00
1.90	0.03	53	151.01	0.00
2.00	0.03	63	151.01	0.00
2.10	0.03	74	151.01	0.00
2.20	0.03	86	151.01	0.00
2.30	0.04	98	151.02	0.00
2.40	0.04	111	151.02	0.00
2.50	0.04	125	151.02	0.00
2.60	0.04	139	151.02	0.00
2.70	0.04	154	151.03	0.00
2.80	0.04	169	151.03	0.00
2.90	0.05	185	151.03	0.00
3.00	0.05	202	151.03	0.00
3.10	0.05	219	151.04	0.00
3.20	0.05	237	151.04	0.00
3.30	0.05	255	151.04	0.00
3.40	0.05	273	151.05	0.00
3.50	0.05	292	151.05	0.00
3.60	0.06	312	151.05	0.00
3.70	0.06	332	151.06	0.00
3.80	0.06	353	151.06	0.00
3.90	0.06	374	151.06	0.00
4.00	0.06	395	151.07	0.00
4.10	0.06	417	151.07	0.00
4.20	0.06	439	151.07	0.00
4.30	0.06	461	151.08	0.00
4.40	0.06	484	151.08	0.00
4.50	0.07	508	151.09	0.00
4.60	0.07	532	151.09	0.00
4.70	0.07	556	151.09	0.00
4.80	0.07	580	151.10	0.00
4.90	0.07	605	151.10	0.00
5.00	0.07	630	151.11	0.00
5.10	0.07	656	151.11	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	682	151.11	0.00
5.30	0.07	708	151.12	0.00
5.40	0.07	735	151.12	0.00
5.50	0.08	762	151.13	0.00
5.60	0.08	789	151.13	0.00
5.70	0.08	817	151.14	0.00
5.80	0.08	844	151.14	0.00
5.90	0.08	873	151.15	0.00
6.00	0.08	901	151.15	0.00
6.10	0.08	930	151.16	0.00
6.20	0.08	960	151.16	0.00
6.30	0.09	990	151.17	0.00
6.40	0.09	1,021	151.17	0.00
6.50	0.09	1,053	151.18	0.00
6.60	0.09	1,086	151.18	0.00
6.70	0.09	1,120	151.19	0.00
6.80	0.10	1,154	151.19	0.00
6.90	0.10	1,190	151.20	0.00
7.00	0.10	1,226	151.20	0.00
7.10	0.10	1,263	151.21	0.00
7.20	0.11	1,301	151.22	0.00
7.30	0.11	1,340	151.22	0.00
7.40	0.11	1,380	151.23	0.00
7.50	0.11	1,421	151.24	0.00
7.60	0.12	1,463	151.24	0.00
7.70	0.12	1,505	151.25	0.00
7.80	0.12	1,548	151.26	0.00
7.90	0.12	1,592	151.26	0.00
8.00	0.13	1,638	151.27	0.00
8.10	0.13	1,684	151.28	0.00
8.20	0.13	1,730	151.29	0.00
8.30	0.13	1,778	151.29	0.00
8.40	0.14	1,827	151.30	0.00
8.50	0.14	1,876	151.31	0.00
8.60	0.14	1,927	151.32	0.00
8.70	0.14	1,978	151.33	0.00
8.80	0.15	2,030	151.34	0.00
8.90	0.15	2,083	151.34	0.00
9.00	0.15	2,138	151.35	0.00
9.10	0.16	2,193	151.36	0.00
9.20	0.17	2,252	151.37	0.00
9.30	0.18	2,314	151.38	0.00
9.40	0.19	2,380	151.39	0.00
9.50	0.20	2,449	151.40	0.00
9.60	0.21	2,523	151.41	0.00
9.70	0.22	2,601	151.43	0.00
9.80	0.23	2,683	151.44	0.00
9.90	0.25	2,769	151.45	0.00
10.00	0.26	2,860	151.47	0.00
10.10	0.27	2,955	151.48	0.00
10.20	0.28	3,055	151.50	0.00
10.30	0.30	3,160	151.52	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	3,269	151.53	0.00
10.50	0.32	3,384	151.55	0.00
10.60	0.35	3,504	151.57	0.00
10.70	0.38	3,635	151.59	0.00
10.80	0.43	3,781	151.61	0.00
10.90	0.47	3,943	151.64	0.00
11.00	0.52	4,121	151.67	0.00
11.10	0.58	4,318	151.70	0.00
11.20	0.66	4,541	151.73	0.00
11.30	0.75	4,794	151.77	0.00
11.40	0.84	5,079	151.81	0.01
11.50	0.94	5,394	151.86	0.02
11.60	1.15	5,751	151.92	0.04
11.70	1.52	6,216	151.99	0.06
11.80	1.87	6,797	152.07	0.08
11.90	2.56	7,555	152.18	0.09
12.00	3.96	8,663	152.34	0.11
12.10	6.88	10,522	152.61	0.14
12.20	8.48	13,244	152.98	1.56
12.30	5.19	14,706	153.17	3.66
12.40	3.36	14,833	153.19	3.87
12.50	2.48	14,552	153.15	3.41
12.60	2.02	14,227	153.11	2.91
12.70	1.53	13,897	153.06	2.43
12.80	1.32	13,605	153.02	2.03
12.90	1.19	13,381	152.99	1.73
13.00	1.07	13,205	152.97	1.52
13.10	0.96	13,058	152.95	1.34
13.20	0.86	12,930	152.93	1.19
13.30	0.79	12,819	152.92	1.07
13.40	0.73	12,724	152.91	0.97
13.50	0.67	12,641	152.89	0.89
13.60	0.61	12,565	152.88	0.81
13.70	0.56	12,494	152.88	0.75
13.80	0.53	12,431	152.87	0.69
13.90	0.51	12,379	152.86	0.64
14.00	0.50	12,337	152.85	0.60
14.10	0.48	12,301	152.85	0.57
14.20	0.47	12,271	152.84	0.54
14.30	0.45	12,243	152.84	0.52
14.40	0.43	12,217	152.84	0.51
14.50	0.42	12,192	152.83	0.49
14.60	0.40	12,167	152.83	0.47
14.70	0.39	12,143	152.83	0.45
14.80	0.37	12,120	152.82	0.44
14.90	0.35	12,096	152.82	0.42
15.00	0.34	12,073	152.82	0.40
15.10	0.32	12,050	152.82	0.39
15.20	0.31	12,028	152.81	0.37
15.30	0.30	12,008	152.81	0.35
15.40	0.30	11,990	152.81	0.34
15.50	0.29	11,975	152.80	0.33

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	11,962	152.80	0.32
15.70	0.28	11,951	152.80	0.31
15.80	0.28	11,941	152.80	0.31
15.90	0.28	11,932	152.80	0.30
16.00	0.27	11,922	152.80	0.30
16.10	0.27	11,913	152.80	0.29
16.20	0.26	11,904	152.80	0.29
16.30	0.26	11,894	152.79	0.29
16.40	0.26	11,885	152.79	0.28
16.50	0.25	11,875	152.79	0.28
16.60	0.25	11,866	152.79	0.27
16.70	0.24	11,856	152.79	0.27
16.80	0.24	11,847	152.79	0.26
16.90	0.23	11,837	152.79	0.26
17.00	0.23	11,827	152.78	0.26
17.10	0.23	11,818	152.78	0.25
17.20	0.22	11,808	152.78	0.25
17.30	0.22	11,799	152.78	0.24
17.40	0.21	11,789	152.78	0.24
17.50	0.21	11,779	152.78	0.24
17.60	0.20	11,770	152.78	0.23
17.70	0.20	11,760	152.78	0.23
17.80	0.20	11,750	152.77	0.22
17.90	0.19	11,740	152.77	0.22
18.00	0.19	11,731	152.77	0.21
18.10	0.18	11,721	152.77	0.21
18.20	0.18	11,711	152.77	0.21
18.30	0.18	11,702	152.77	0.20
18.40	0.18	11,694	152.77	0.20
18.50	0.17	11,686	152.77	0.19
18.60	0.17	11,680	152.76	0.19
18.70	0.17	11,673	152.76	0.19
18.80	0.17	11,668	152.76	0.19
18.90	0.17	11,663	152.76	0.18
19.00	0.17	11,658	152.76	0.18
19.10	0.17	11,654	152.76	0.18
19.20	0.17	11,650	152.76	0.18
19.30	0.17	11,646	152.76	0.18
19.40	0.17	11,642	152.76	0.17
19.50	0.16	11,639	152.76	0.17
19.60	0.16	11,636	152.76	0.17
19.70	0.16	11,632	152.76	0.17
19.80	0.16	11,629	152.76	0.17
19.90	0.16	11,627	152.76	0.17
20.00	0.16	11,624	152.76	0.17
20.10	0.16	11,621	152.76	0.17
20.20	0.16	11,618	152.76	0.16
20.30	0.16	11,615	152.76	0.16
20.40	0.15	11,613	152.76	0.16
20.50	0.15	11,610	152.76	0.16
20.60	0.15	11,607	152.75	0.16
20.70	0.15	11,604	152.75	0.16

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	11,601	152.75	0.16
20.90	0.15	11,598	152.75	0.16
21.00	0.15	11,594	152.75	0.16
21.10	0.15	11,591	152.75	0.16
21.20	0.15	11,587	152.75	0.16
21.30	0.14	11,582	152.75	0.16
21.40	0.14	11,578	152.75	0.16
21.50	0.14	11,574	152.75	0.16
21.60	0.14	11,569	152.75	0.16
21.70	0.14	11,564	152.75	0.16
21.80	0.14	11,558	152.75	0.16
21.90	0.14	11,553	152.75	0.16
22.00	0.14	11,546	152.75	0.16
22.10	0.14	11,540	152.75	0.15
22.20	0.14	11,533	152.74	0.15
22.30	0.13	11,526	152.74	0.15
22.40	0.13	11,518	152.74	0.15
22.50	0.13	11,510	152.74	0.15
22.60	0.13	11,502	152.74	0.15
22.70	0.13	11,493	152.74	0.15
22.80	0.13	11,484	152.74	0.15
22.90	0.13	11,475	152.74	0.15
23.00	0.13	11,465	152.74	0.15
23.10	0.13	11,455	152.73	0.15
23.20	0.12	11,444	152.73	0.15
23.30	0.12	11,434	152.73	0.15
23.40	0.12	11,422	152.73	0.15
23.50	0.12	11,411	152.73	0.15
23.60	0.12	11,399	152.73	0.15
23.70	0.12	11,387	152.72	0.15
23.80	0.12	11,374	152.72	0.15
23.90	0.12	11,362	152.72	0.15
24.00	0.12	11,349	152.72	0.15
24.10	0.10	11,337	152.72	0.15
24.20	0.03	11,306	152.71	0.15
24.30	0.01	11,257	152.71	0.15
24.40	0.00	11,204	152.70	0.15
24.50	0.00	11,150	152.69	0.15
24.60	0.00	11,096	152.68	0.15
24.70	0.00	11,042	152.68	0.15
24.80	0.00	10,988	152.67	0.15
24.90	0.00	10,935	152.66	0.15
25.00	0.00	10,882	152.66	0.15
25.10	0.00	10,829	152.65	0.15
25.20	0.00	10,777	152.64	0.15
25.30	0.00	10,725	152.63	0.14
25.40	0.00	10,673	152.63	0.14
25.50	0.00	10,621	152.62	0.14
25.60	0.00	10,569	152.61	0.14
25.70	0.00	10,518	152.60	0.14
25.80	0.00	10,467	152.60	0.14
25.90	0.00	10,416	152.59	0.14

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,366	152.58	0.14
26.10	0.00	10,315	152.58	0.14
26.20	0.00	10,265	152.57	0.14
26.30	0.00	10,215	152.56	0.14
26.40	0.00	10,166	152.56	0.14
26.50	0.00	10,116	152.55	0.14
26.60	0.00	10,067	152.54	0.14
26.70	0.00	10,018	152.53	0.14
26.80	0.00	9,970	152.53	0.13
26.90	0.00	9,921	152.52	0.13
27.00	0.00	9,873	152.51	0.13
27.10	0.00	9,825	152.51	0.13
27.20	0.00	9,778	152.50	0.13
27.30	0.00	9,730	152.49	0.13
27.40	0.00	9,683	152.49	0.13
27.50	0.00	9,636	152.48	0.13
27.60	0.00	9,590	152.47	0.13
27.70	0.00	9,543	152.47	0.13
27.80	0.00	9,497	152.46	0.13
27.90	0.00	9,451	152.46	0.13
28.00	0.00	9,405	152.45	0.13
28.10	0.00	9,360	152.44	0.13
28.20	0.00	9,315	152.44	0.13
28.30	0.00	9,270	152.43	0.12
28.40	0.00	9,225	152.42	0.12
28.50	0.00	9,181	152.42	0.12
28.60	0.00	9,137	152.41	0.12
28.70	0.00	9,093	152.40	0.12
28.80	0.00	9,049	152.40	0.12
28.90	0.00	9,005	152.39	0.12
29.00	0.00	8,962	152.39	0.12
29.10	0.00	8,919	152.38	0.12
29.20	0.00	8,877	152.37	0.12
29.30	0.00	8,834	152.37	0.12
29.40	0.00	8,792	152.36	0.12
29.50	0.00	8,750	152.36	0.12
29.60	0.00	8,708	152.35	0.12
29.70	0.00	8,667	152.34	0.11
29.80	0.00	8,626	152.34	0.11
29.90	0.00	8,585	152.33	0.11
30.00	0.00	8,544	152.33	0.11
30.10	0.00	8,504	152.32	0.11
30.20	0.00	8,463	152.31	0.11
30.30	0.00	8,423	152.31	0.11
30.40	0.00	8,384	152.30	0.11
30.50	0.00	8,344	152.30	0.11
30.60	0.00	8,305	152.29	0.11
30.70	0.00	8,266	152.29	0.11
30.80	0.00	8,227	152.28	0.11
30.90	0.00	8,189	152.27	0.11
31.00	0.00	8,151	152.27	0.11
31.10	0.00	8,113	152.26	0.11

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,075	152.26	0.10
31.30	0.00	8,038	152.25	0.10
31.40	0.00	8,001	152.25	0.10
31.50	0.00	7,964	152.24	0.10
31.60	0.00	7,927	152.24	0.10
31.70	0.00	7,891	152.23	0.10
31.80	0.00	7,855	152.23	0.10
31.90	0.00	7,819	152.22	0.10
32.00	0.00	7,783	152.22	0.10
32.10	0.00	7,748	152.21	0.10
32.20	0.00	7,712	152.21	0.10
32.30	0.00	7,677	152.20	0.10
32.40	0.00	7,643	152.20	0.10
32.50	0.00	7,608	152.19	0.10
32.60	0.00	7,574	152.19	0.09
32.70	0.00	7,540	152.18	0.09
32.80	0.00	7,507	152.18	0.09
32.90	0.00	7,473	152.17	0.09
33.00	0.00	7,440	152.17	0.09
33.10	0.00	7,408	152.16	0.09
33.20	0.00	7,375	152.16	0.09
33.30	0.00	7,343	152.15	0.09
33.40	0.00	7,310	152.15	0.09
33.50	0.00	7,279	152.14	0.09
33.60	0.00	7,247	152.14	0.09
33.70	0.00	7,216	152.13	0.09
33.80	0.00	7,185	152.13	0.09
33.90	0.00	7,154	152.12	0.09
34.00	0.00	7,123	152.12	0.08
34.10	0.00	7,093	152.12	0.08
34.20	0.00	7,063	152.11	0.08
34.30	0.00	7,033	152.11	0.08
34.40	0.00	7,004	152.10	0.08
34.50	0.00	6,974	152.10	0.08
34.60	0.00	6,945	152.09	0.08
34.70	0.00	6,917	152.09	0.08
34.80	0.00	6,888	152.08	0.08
34.90	0.00	6,860	152.08	0.08
35.00	0.00	6,832	152.08	0.08
35.10	0.00	6,804	152.07	0.08
35.20	0.00	6,777	152.07	0.08
35.30	0.00	6,750	152.06	0.08
35.40	0.00	6,723	152.06	0.07
35.50	0.00	6,696	152.06	0.07
35.60	0.00	6,670	152.05	0.07
35.70	0.00	6,644	152.05	0.07
35.80	0.00	6,618	152.04	0.07
35.90	0.00	6,592	152.04	0.07
36.00	0.00	6,567	152.04	0.07
36.10	0.00	6,541	152.03	0.07
36.20	0.00	6,517	152.03	0.07
36.30	0.00	6,492	152.03	0.07

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,468	152.02	0.07
36.50	0.00	6,443	152.02	0.07
36.60	0.00	6,420	152.02	0.07
36.70	0.00	6,396	152.01	0.07
36.80	0.00	6,373	152.01	0.06
36.90	0.00	6,350	152.01	0.06
37.00	0.00	6,327	152.00	0.06
37.10	0.00	6,304	152.00	0.06
37.20	0.00	6,282	151.99	0.06
37.30	0.00	6,260	151.99	0.06
37.40	0.00	6,238	151.99	0.06
37.50	0.00	6,217	151.99	0.06
37.60	0.00	6,196	151.98	0.06
37.70	0.00	6,175	151.98	0.06
37.80	0.00	6,154	151.98	0.06
37.90	0.00	6,133	151.97	0.06
38.00	0.00	6,113	151.97	0.06
38.10	0.00	6,093	151.97	0.05
38.20	0.00	6,074	151.96	0.05
38.30	0.00	6,054	151.96	0.05
38.40	0.00	6,035	151.96	0.05
38.50	0.00	6,016	151.96	0.05
38.60	0.00	5,997	151.95	0.05
38.70	0.00	5,979	151.95	0.05
38.80	0.00	5,961	151.95	0.05
38.90	0.00	5,943	151.94	0.05
39.00	0.00	5,925	151.94	0.05
39.10	0.00	5,908	151.94	0.05
39.20	0.00	5,891	151.94	0.05
39.30	0.00	5,874	151.93	0.05
39.40	0.00	5,857	151.93	0.05
39.50	0.00	5,841	151.93	0.04
39.60	0.00	5,825	151.93	0.04
39.70	0.00	5,810	151.92	0.04
39.80	0.00	5,795	151.92	0.04
39.90	0.00	5,780	151.92	0.04
40.00	0.00	5,765	151.92	0.04

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 3.28" for Current 10 yr event
 Inflow = 8.40 cfs @ 12.17 hrs, Volume= 0.682 af
 Outflow = 2.04 cfs @ 12.59 hrs, Volume= 0.561 af, Atten= 76%, Lag= 24.9 min
 Primary = 2.04 cfs @ 12.59 hrs, Volume= 0.561 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 152.60' @ 12.59 hrs Surf.Area= 7,386 sf Storage= 15,831 cf

Plug-Flow detention time= 507.4 min calculated for 0.561 af (82% of inflow)
 Center-of-Mass det. time= 429.9 min (1,225.9 - 796.0)

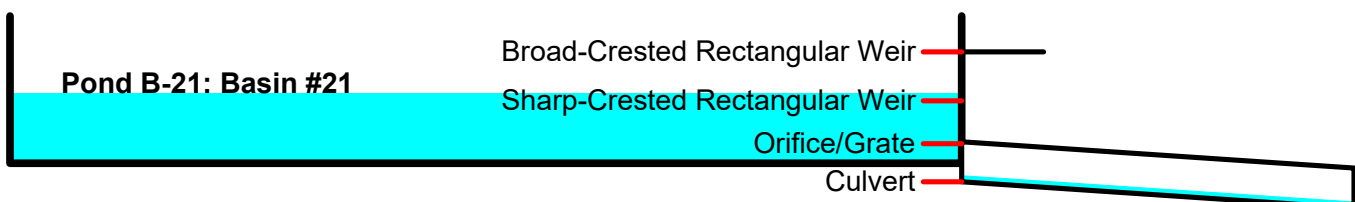
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

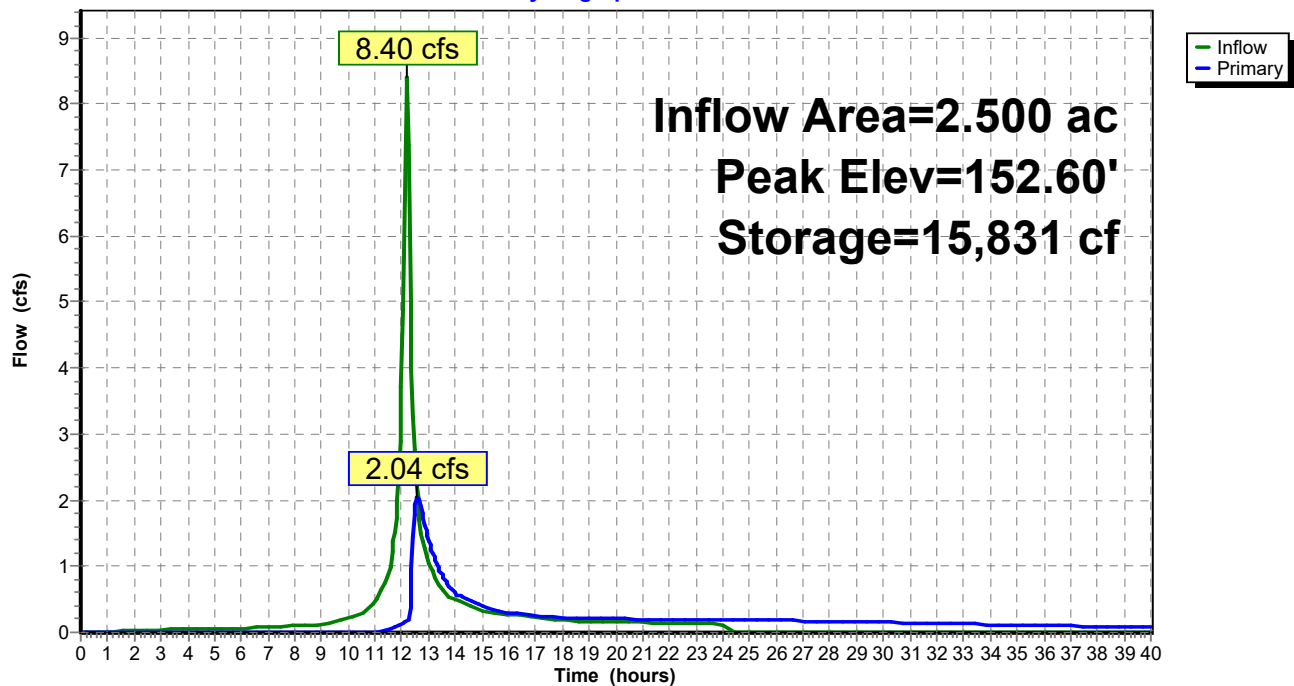
Primary OutFlow Max=2.03 cfs @ 12.59 hrs HW=152.60' (Free Discharge)

1=Culvert (Passes 2.03 cfs of 13.59 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.42 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.81 cfs @ 1.70 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	0	150.00	0.00
0.60	0.00	0	150.00	0.00
0.70	0.00	0	150.00	0.00
0.80	0.00	0	150.00	0.00
0.90	0.00	0	150.00	0.00
1.00	0.00	1	150.00	0.00
1.10	0.01	2	150.00	0.00
1.20	0.01	5	150.00	0.00
1.30	0.01	8	150.00	0.00
1.40	0.01	12	150.00	0.00
1.50	0.01	16	150.00	0.00
1.60	0.02	22	150.00	0.00
1.70	0.02	28	150.01	0.00
1.80	0.02	34	150.01	0.00
1.90	0.02	42	150.01	0.00
2.00	0.02	50	150.01	0.00
2.10	0.02	58	150.01	0.00
2.20	0.03	67	150.01	0.00
2.30	0.03	77	150.02	0.00
2.40	0.03	87	150.02	0.00
2.50	0.03	98	150.02	0.00
2.60	0.03	109	150.02	0.00
2.70	0.03	121	150.02	0.00
2.80	0.03	133	150.03	0.00
2.90	0.04	145	150.03	0.00
3.00	0.04	158	150.03	0.00
3.10	0.04	172	150.04	0.00
3.20	0.04	186	150.04	0.00
3.30	0.04	200	150.04	0.00
3.40	0.04	214	150.04	0.00
3.50	0.04	229	150.05	0.00
3.60	0.04	245	150.05	0.00
3.70	0.04	260	150.05	0.00
3.80	0.05	276	150.06	0.00
3.90	0.05	293	150.06	0.00
4.00	0.05	310	150.06	0.00
4.10	0.05	327	150.07	0.00
4.20	0.05	344	150.07	0.00
4.30	0.05	362	150.07	0.00
4.40	0.05	380	150.08	0.00
4.50	0.05	398	150.08	0.00
4.60	0.05	417	150.09	0.00
4.70	0.05	436	150.09	0.00
4.80	0.05	455	150.09	0.00
4.90	0.05	474	150.10	0.00
5.00	0.06	494	150.10	0.00
5.10	0.06	514	150.10	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	535	150.11	0.00
5.30	0.06	555	150.11	0.00
5.40	0.06	576	150.12	0.00
5.50	0.06	597	150.12	0.00
5.60	0.06	619	150.13	0.00
5.70	0.06	640	150.13	0.00
5.80	0.06	662	150.13	0.00
5.90	0.06	684	150.14	0.00
6.00	0.06	707	150.14	0.00
6.10	0.06	729	150.15	0.00
6.20	0.07	752	150.15	0.00
6.30	0.07	776	150.16	0.00
6.40	0.07	801	150.16	0.00
6.50	0.07	826	150.17	0.00
6.60	0.07	852	150.17	0.00
6.70	0.07	878	150.18	0.00
6.80	0.08	905	150.18	0.00
6.90	0.08	933	150.19	0.00
7.00	0.08	961	150.19	0.00
7.10	0.08	991	150.20	0.00
7.20	0.08	1,020	150.21	0.00
7.30	0.09	1,051	150.21	0.00
7.40	0.09	1,082	150.22	0.00
7.50	0.09	1,114	150.22	0.00
7.60	0.09	1,147	150.23	0.00
7.70	0.09	1,180	150.24	0.00
7.80	0.10	1,214	150.24	0.00
7.90	0.10	1,249	150.25	0.00
8.00	0.10	1,284	150.26	0.00
8.10	0.10	1,320	150.27	0.00
8.20	0.10	1,357	150.27	0.00
8.30	0.10	1,394	150.28	0.00
8.40	0.11	1,432	150.29	0.00
8.50	0.11	1,471	150.30	0.00
8.60	0.11	1,511	150.30	0.00
8.70	0.11	1,551	150.31	0.00
8.80	0.11	1,592	150.32	0.00
8.90	0.12	1,633	150.33	0.00
9.00	0.12	1,676	150.33	0.00
9.10	0.13	1,720	150.34	0.00
9.20	0.13	1,767	150.35	0.00
9.30	0.14	1,816	150.36	0.00
9.40	0.15	1,869	150.37	0.00
9.50	0.16	1,926	150.38	0.00
9.60	0.17	1,985	150.39	0.00
9.70	0.18	2,049	150.41	0.00
9.80	0.19	2,116	150.42	0.00
9.90	0.20	2,187	150.43	0.00
10.00	0.21	2,263	150.45	0.00
10.10	0.23	2,342	150.46	0.00
10.20	0.24	2,426	150.48	0.00
10.30	0.25	2,514	150.50	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,607	150.51	0.00
10.50	0.28	2,704	150.53	0.00
10.60	0.30	2,807	150.55	0.00
10.70	0.33	2,919	150.57	0.00
10.80	0.37	3,045	150.59	0.00
10.90	0.41	3,185	150.62	0.00
11.00	0.45	3,341	150.65	0.00
11.10	0.51	3,513	150.68	0.00
11.20	0.58	3,709	150.72	0.00
11.30	0.67	3,933	150.76	0.00
11.40	0.75	4,186	150.80	0.01
11.50	0.84	4,467	150.85	0.03
11.60	1.04	4,785	150.91	0.05
11.70	1.39	5,205	150.98	0.06
11.80	1.72	5,733	151.07	0.08
11.90	2.38	6,430	151.19	0.10
12.00	3.72	7,461	151.36	0.12
12.10	6.55	9,215	151.64	0.15
12.20	8.16	11,959	152.06	0.18
12.30	5.02	14,243	152.38	0.38
12.40	3.27	15,372	152.54	1.45
12.50	2.43	15,757	152.59	1.94
12.60	1.98	15,830	152.60	2.04
12.70	1.50	15,734	152.59	1.91
12.80	1.29	15,581	152.57	1.71
12.90	1.17	15,440	152.55	1.54
13.00	1.06	15,315	152.53	1.38
13.10	0.95	15,202	152.52	1.25
13.20	0.85	15,095	152.50	1.13
13.30	0.78	14,999	152.49	1.03
13.40	0.72	14,915	152.48	0.93
13.50	0.66	14,840	152.47	0.86
13.60	0.60	14,767	152.46	0.80
13.70	0.55	14,698	152.45	0.73
13.80	0.52	14,638	152.44	0.68
13.90	0.51	14,588	152.43	0.63
14.00	0.49	14,548	152.42	0.59
14.10	0.48	14,514	152.42	0.56
14.20	0.46	14,485	152.42	0.54
14.30	0.44	14,456	152.41	0.52
14.40	0.43	14,429	152.41	0.50
14.50	0.41	14,403	152.40	0.48
14.60	0.40	14,378	152.40	0.47
14.70	0.38	14,353	152.40	0.45
14.80	0.37	14,329	152.39	0.43
14.90	0.35	14,305	152.39	0.42
15.00	0.33	14,281	152.39	0.40
15.10	0.32	14,257	152.38	0.38
15.20	0.31	14,234	152.38	0.37
15.30	0.30	14,212	152.38	0.35
15.40	0.29	14,194	152.38	0.34
15.50	0.29	14,178	152.37	0.33

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	14,165	152.37	0.32
15.70	0.28	14,153	152.37	0.31
15.80	0.28	14,142	152.37	0.31
15.90	0.27	14,132	152.37	0.30
16.00	0.27	14,123	152.37	0.29
16.10	0.27	14,115	152.36	0.29
16.20	0.26	14,107	152.36	0.29
16.30	0.26	14,098	152.36	0.28
16.40	0.25	14,088	152.36	0.28
16.50	0.25	14,079	152.36	0.28
16.60	0.24	14,069	152.36	0.27
16.70	0.24	14,059	152.36	0.27
16.80	0.24	14,049	152.36	0.26
16.90	0.23	14,038	152.35	0.26
17.00	0.23	14,027	152.35	0.26
17.10	0.22	14,017	152.35	0.25
17.20	0.22	14,006	152.35	0.25
17.30	0.21	13,995	152.35	0.25
17.40	0.21	13,983	152.35	0.24
17.50	0.21	13,972	152.34	0.24
17.60	0.20	13,961	152.34	0.23
17.70	0.20	13,949	152.34	0.23
17.80	0.19	13,938	152.34	0.23
17.90	0.19	13,926	152.34	0.22
18.00	0.19	13,914	152.34	0.22
18.10	0.18	13,903	152.33	0.21
18.20	0.18	13,891	152.33	0.21
18.30	0.18	13,880	152.33	0.21
18.40	0.17	13,870	152.33	0.20
18.50	0.17	13,860	152.33	0.20
18.60	0.17	13,849	152.33	0.20
18.70	0.17	13,839	152.33	0.20
18.80	0.17	13,828	152.32	0.20
18.90	0.17	13,817	152.32	0.20
19.00	0.17	13,805	152.32	0.20
19.10	0.17	13,793	152.32	0.20
19.20	0.17	13,781	152.32	0.20
19.30	0.16	13,768	152.32	0.20
19.40	0.16	13,755	152.31	0.20
19.50	0.16	13,742	152.31	0.20
19.60	0.16	13,728	152.31	0.20
19.70	0.16	13,714	152.31	0.20
19.80	0.16	13,700	152.31	0.20
19.90	0.16	13,686	152.30	0.20
20.00	0.16	13,671	152.30	0.20
20.10	0.16	13,656	152.30	0.20
20.20	0.16	13,640	152.30	0.20
20.30	0.15	13,624	152.30	0.20
20.40	0.15	13,608	152.29	0.20
20.50	0.15	13,591	152.29	0.20
20.60	0.15	13,575	152.29	0.20
20.70	0.15	13,558	152.29	0.20

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	13,540	152.28	0.20
20.90	0.15	13,522	152.28	0.20
21.00	0.15	13,504	152.28	0.20
21.10	0.15	13,486	152.28	0.20
21.20	0.14	13,467	152.27	0.20
21.30	0.14	13,448	152.27	0.20
21.40	0.14	13,429	152.27	0.20
21.50	0.14	13,409	152.27	0.20
21.60	0.14	13,389	152.26	0.20
21.70	0.14	13,369	152.26	0.20
21.80	0.14	13,348	152.26	0.20
21.90	0.14	13,327	152.25	0.20
22.00	0.14	13,306	152.25	0.20
22.10	0.14	13,284	152.25	0.20
22.20	0.13	13,262	152.24	0.20
22.30	0.13	13,240	152.24	0.20
22.40	0.13	13,218	152.24	0.20
22.50	0.13	13,195	152.23	0.19
22.60	0.13	13,172	152.23	0.19
22.70	0.13	13,149	152.23	0.19
22.80	0.13	13,125	152.22	0.19
22.90	0.13	13,101	152.22	0.19
23.00	0.13	13,077	152.22	0.19
23.10	0.13	13,052	152.21	0.19
23.20	0.12	13,027	152.21	0.19
23.30	0.12	13,002	152.21	0.19
23.40	0.12	12,976	152.20	0.19
23.50	0.12	12,951	152.20	0.19
23.60	0.12	12,925	152.20	0.19
23.70	0.12	12,898	152.19	0.19
23.80	0.12	12,872	152.19	0.19
23.90	0.12	12,845	152.18	0.19
24.00	0.12	12,818	152.18	0.19
24.10	0.10	12,792	152.18	0.19
24.20	0.03	12,746	152.17	0.19
24.30	0.01	12,684	152.16	0.19
24.40	0.00	12,617	152.15	0.19
24.50	0.00	12,549	152.14	0.19
24.60	0.00	12,481	152.13	0.19
24.70	0.00	12,414	152.12	0.19
24.80	0.00	12,347	152.11	0.19
24.90	0.00	12,280	152.10	0.19
25.00	0.00	12,213	152.09	0.18
25.10	0.00	12,147	152.08	0.18
25.20	0.00	12,081	152.07	0.18
25.30	0.00	12,015	152.06	0.18
25.40	0.00	11,949	152.05	0.18
25.50	0.00	11,884	152.04	0.18
25.60	0.00	11,819	152.04	0.18
25.70	0.00	11,754	152.03	0.18
25.80	0.00	11,689	152.02	0.18
25.90	0.00	11,625	152.01	0.18

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,560	152.00	0.18
26.10	0.00	11,497	151.99	0.18
26.20	0.00	11,433	151.98	0.18
26.30	0.00	11,370	151.97	0.18
26.40	0.00	11,307	151.96	0.17
26.50	0.00	11,244	151.95	0.17
26.60	0.00	11,181	151.94	0.17
26.70	0.00	11,119	151.93	0.17
26.80	0.00	11,057	151.92	0.17
26.90	0.00	10,995	151.91	0.17
27.00	0.00	10,934	151.90	0.17
27.10	0.00	10,872	151.89	0.17
27.20	0.00	10,811	151.89	0.17
27.30	0.00	10,751	151.88	0.17
27.40	0.00	10,690	151.87	0.17
27.50	0.00	10,630	151.86	0.17
27.60	0.00	10,570	151.85	0.17
27.70	0.00	10,510	151.84	0.17
27.80	0.00	10,451	151.83	0.16
27.90	0.00	10,392	151.82	0.16
28.00	0.00	10,333	151.81	0.16
28.10	0.00	10,274	151.80	0.16
28.20	0.00	10,216	151.80	0.16
28.30	0.00	10,158	151.79	0.16
28.40	0.00	10,100	151.78	0.16
28.50	0.00	10,042	151.77	0.16
28.60	0.00	9,985	151.76	0.16
28.70	0.00	9,928	151.75	0.16
28.80	0.00	9,871	151.74	0.16
28.90	0.00	9,815	151.73	0.16
29.00	0.00	9,759	151.72	0.16
29.10	0.00	9,703	151.72	0.16
29.20	0.00	9,647	151.71	0.15
29.30	0.00	9,592	151.70	0.15
29.40	0.00	9,537	151.69	0.15
29.50	0.00	9,482	151.68	0.15
29.60	0.00	9,427	151.67	0.15
29.70	0.00	9,373	151.67	0.15
29.80	0.00	9,319	151.66	0.15
29.90	0.00	9,265	151.65	0.15
30.00	0.00	9,211	151.64	0.15
30.10	0.00	9,158	151.63	0.15
30.20	0.00	9,105	151.62	0.15
30.30	0.00	9,053	151.62	0.15
30.40	0.00	9,000	151.61	0.15
30.50	0.00	8,948	151.60	0.14
30.60	0.00	8,896	151.59	0.14
30.70	0.00	8,845	151.58	0.14
30.80	0.00	8,793	151.57	0.14
30.90	0.00	8,742	151.57	0.14
31.00	0.00	8,691	151.56	0.14
31.10	0.00	8,641	151.55	0.14

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,591	151.54	0.14
31.30	0.00	8,541	151.53	0.14
31.40	0.00	8,491	151.53	0.14
31.50	0.00	8,442	151.52	0.14
31.60	0.00	8,393	151.51	0.14
31.70	0.00	8,344	151.50	0.14
31.80	0.00	8,295	151.50	0.13
31.90	0.00	8,247	151.49	0.13
32.00	0.00	8,199	151.48	0.13
32.10	0.00	8,151	151.47	0.13
32.20	0.00	8,104	151.46	0.13
32.30	0.00	8,057	151.46	0.13
32.40	0.00	8,010	151.45	0.13
32.50	0.00	7,963	151.44	0.13
32.60	0.00	7,917	151.43	0.13
32.70	0.00	7,871	151.43	0.13
32.80	0.00	7,825	151.42	0.13
32.90	0.00	7,780	151.41	0.13
33.00	0.00	7,735	151.41	0.13
33.10	0.00	7,690	151.40	0.12
33.20	0.00	7,645	151.39	0.12
33.30	0.00	7,601	151.38	0.12
33.40	0.00	7,557	151.38	0.12
33.50	0.00	7,513	151.37	0.12
33.60	0.00	7,469	151.36	0.12
33.70	0.00	7,426	151.36	0.12
33.80	0.00	7,383	151.35	0.12
33.90	0.00	7,341	151.34	0.12
34.00	0.00	7,298	151.33	0.12
34.10	0.00	7,256	151.33	0.12
34.20	0.00	7,215	151.32	0.12
34.30	0.00	7,173	151.31	0.11
34.40	0.00	7,132	151.31	0.11
34.50	0.00	7,091	151.30	0.11
34.60	0.00	7,050	151.29	0.11
34.70	0.00	7,010	151.29	0.11
34.80	0.00	6,970	151.28	0.11
34.90	0.00	6,930	151.27	0.11
35.00	0.00	6,891	151.27	0.11
35.10	0.00	6,852	151.26	0.11
35.20	0.00	6,813	151.25	0.11
35.30	0.00	6,774	151.25	0.11
35.40	0.00	6,736	151.24	0.11
35.50	0.00	6,698	151.24	0.11
35.60	0.00	6,660	151.23	0.10
35.70	0.00	6,623	151.22	0.10
35.80	0.00	6,586	151.22	0.10
35.90	0.00	6,549	151.21	0.10
36.00	0.00	6,512	151.20	0.10
36.10	0.00	6,476	151.20	0.10
36.20	0.00	6,440	151.19	0.10
36.30	0.00	6,404	151.19	0.10

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,369	151.18	0.10
36.50	0.00	6,334	151.17	0.10
36.60	0.00	6,299	151.17	0.10
36.70	0.00	6,264	151.16	0.10
36.80	0.00	6,230	151.16	0.09
36.90	0.00	6,196	151.15	0.09
37.00	0.00	6,163	151.15	0.09
37.10	0.00	6,129	151.14	0.09
37.20	0.00	6,096	151.13	0.09
37.30	0.00	6,064	151.13	0.09
37.40	0.00	6,031	151.12	0.09
37.50	0.00	5,999	151.12	0.09
37.60	0.00	5,967	151.11	0.09
37.70	0.00	5,936	151.11	0.09
37.80	0.00	5,904	151.10	0.09
37.90	0.00	5,873	151.10	0.09
38.00	0.00	5,843	151.09	0.08
38.10	0.00	5,812	151.09	0.08
38.20	0.00	5,782	151.08	0.08
38.30	0.00	5,753	151.08	0.08
38.40	0.00	5,723	151.07	0.08
38.50	0.00	5,694	151.07	0.08
38.60	0.00	5,665	151.06	0.08
38.70	0.00	5,637	151.06	0.08
38.80	0.00	5,608	151.05	0.08
38.90	0.00	5,580	151.05	0.08
39.00	0.00	5,553	151.04	0.08
39.10	0.00	5,525	151.04	0.08
39.20	0.00	5,498	151.03	0.07
39.30	0.00	5,471	151.03	0.07
39.40	0.00	5,445	151.02	0.07
39.50	0.00	5,419	151.02	0.07
39.60	0.00	5,393	151.01	0.07
39.70	0.00	5,367	151.01	0.07
39.80	0.00	5,342	151.01	0.07
39.90	0.00	5,317	151.00	0.07
40.00	0.00	5,293	151.00	0.07

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 3.22" for Current 10 yr event
 Inflow = 8.16 cfs @ 12.17 hrs, Volume= 0.660 af
 Outflow = 2.60 cfs @ 12.47 hrs, Volume= 0.541 af, Atten= 68%, Lag= 17.6 min
 Primary = 2.60 cfs @ 12.47 hrs, Volume= 0.541 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 149.80' @ 12.47 hrs Surf.Area= 8,788 sf Storage= 14,108 cf

Plug-Flow detention time= 428.6 min calculated for 0.541 af (82% of inflow)
 Center-of-Mass det. time= 350.5 min (1,148.8 - 798.4)

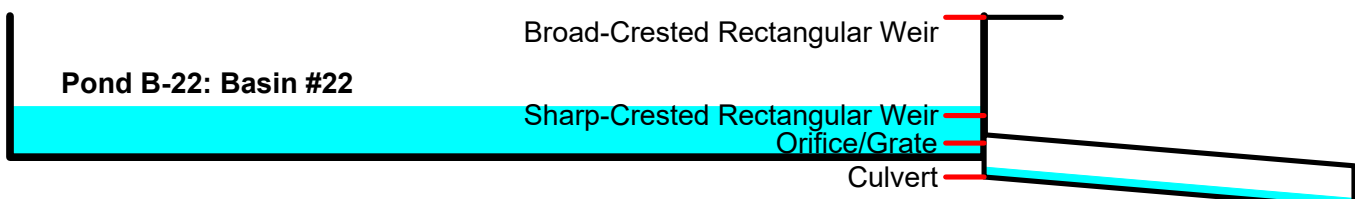
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

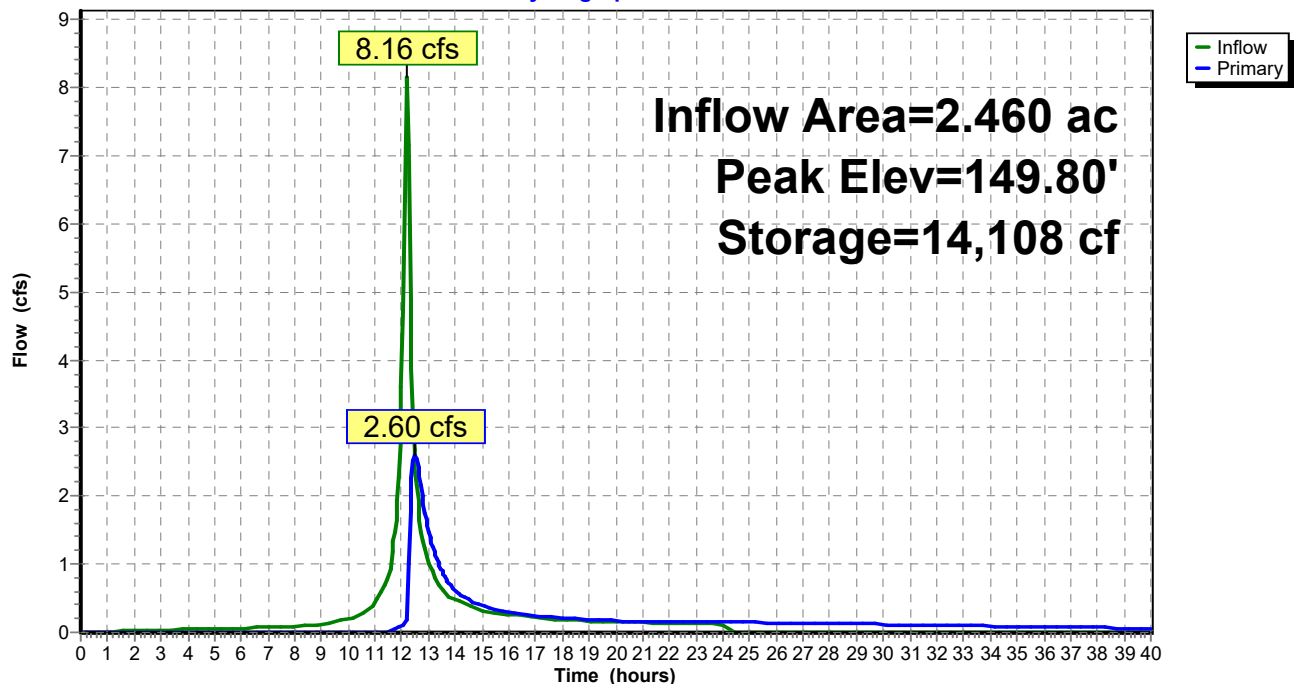
Primary OutFlow Max=2.59 cfs @ 12.47 hrs HW=149.80' (Free Discharge)

1=Culvert (Passes 2.59 cfs of 11.25 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.26 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.41 cfs @ 1.87 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-22: Basin #22

Hydrograph



Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	0	148.00	0.00
0.60	0.00	0	148.00	0.00
0.70	0.00	0	148.00	0.00
0.80	0.00	0	148.00	0.00
0.90	0.00	0	148.00	0.00
1.00	0.00	1	148.00	0.00
1.10	0.00	2	148.00	0.00
1.20	0.01	4	148.00	0.00
1.30	0.01	7	148.00	0.00
1.40	0.01	11	148.00	0.00
1.50	0.01	15	148.00	0.00
1.60	0.01	20	148.00	0.00
1.70	0.02	25	148.00	0.00
1.80	0.02	32	148.00	0.00
1.90	0.02	38	148.01	0.00
2.00	0.02	46	148.01	0.00
2.10	0.02	54	148.01	0.00
2.20	0.02	62	148.01	0.00
2.30	0.03	71	148.01	0.00
2.40	0.03	80	148.01	0.00
2.50	0.03	90	148.01	0.00
2.60	0.03	100	148.01	0.00
2.70	0.03	111	148.02	0.00
2.80	0.03	122	148.02	0.00
2.90	0.03	133	148.02	0.00
3.00	0.03	145	148.02	0.00
3.10	0.03	158	148.02	0.00
3.20	0.04	170	148.02	0.00
3.30	0.04	183	148.03	0.00
3.40	0.04	197	148.03	0.00
3.50	0.04	210	148.03	0.00
3.60	0.04	225	148.03	0.00
3.70	0.04	239	148.03	0.00
3.80	0.04	254	148.04	0.00
3.90	0.04	269	148.04	0.00
4.00	0.04	284	148.04	0.00
4.10	0.04	300	148.04	0.00
4.20	0.04	316	148.05	0.00
4.30	0.05	332	148.05	0.00
4.40	0.05	349	148.05	0.00
4.50	0.05	365	148.05	0.00
4.60	0.05	382	148.05	0.00
4.70	0.05	400	148.06	0.00
4.80	0.05	417	148.06	0.00
4.90	0.05	435	148.06	0.00
5.00	0.05	453	148.07	0.00
5.10	0.05	472	148.07	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	491	148.07	0.00
5.30	0.05	509	148.07	0.00
5.40	0.05	529	148.08	0.00
5.50	0.05	548	148.08	0.00
5.60	0.05	568	148.08	0.00
5.70	0.06	587	148.08	0.00
5.80	0.06	608	148.09	0.00
5.90	0.06	628	148.09	0.00
6.00	0.06	648	148.09	0.00
6.10	0.06	669	148.10	0.00
6.20	0.06	690	148.10	0.00
6.30	0.06	712	148.10	0.00
6.40	0.06	735	148.11	0.00
6.50	0.06	758	148.11	0.00
6.60	0.07	781	148.11	0.00
6.70	0.07	806	148.12	0.00
6.80	0.07	831	148.12	0.00
6.90	0.07	856	148.12	0.00
7.00	0.07	882	148.13	0.00
7.10	0.08	909	148.13	0.00
7.20	0.08	936	148.13	0.00
7.30	0.08	964	148.14	0.00
7.40	0.08	993	148.14	0.00
7.50	0.08	1,022	148.15	0.00
7.60	0.08	1,052	148.15	0.00
7.70	0.09	1,083	148.15	0.00
7.80	0.09	1,114	148.16	0.00
7.90	0.09	1,146	148.16	0.00
8.00	0.09	1,178	148.17	0.00
8.10	0.09	1,211	148.17	0.00
8.20	0.09	1,245	148.18	0.00
8.30	0.10	1,279	148.18	0.00
8.40	0.10	1,314	148.19	0.00
8.50	0.10	1,350	148.19	0.00
8.60	0.10	1,386	148.20	0.00
8.70	0.10	1,423	148.20	0.00
8.80	0.11	1,461	148.21	0.00
8.90	0.11	1,499	148.21	0.00
9.00	0.11	1,538	148.22	0.00
9.10	0.12	1,579	148.22	0.00
9.20	0.12	1,622	148.23	0.00
9.30	0.13	1,667	148.24	0.00
9.40	0.14	1,716	148.24	0.00
9.50	0.15	1,768	148.25	0.00
9.60	0.16	1,824	148.26	0.00
9.70	0.17	1,883	148.27	0.00
9.80	0.18	1,945	148.28	0.00
9.90	0.19	2,012	148.28	0.00
10.00	0.20	2,082	148.29	0.00
10.10	0.21	2,156	148.30	0.00
10.20	0.22	2,235	148.32	0.00
10.30	0.24	2,317	148.33	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	2,404	148.34	0.00
10.50	0.26	2,496	148.35	0.00
10.60	0.28	2,592	148.36	0.00
10.70	0.31	2,698	148.38	0.00
10.80	0.35	2,817	148.40	0.00
10.90	0.39	2,949	148.41	0.00
11.00	0.43	3,097	148.43	0.00
11.10	0.48	3,261	148.46	0.00
11.20	0.55	3,447	148.48	0.00
11.30	0.63	3,660	148.51	0.00
11.40	0.72	3,902	148.54	0.00
11.50	0.81	4,174	148.58	0.01
11.60	0.99	4,485	148.62	0.02
11.70	1.33	4,894	148.67	0.04
11.80	1.65	5,408	148.74	0.06
11.90	2.29	6,084	148.83	0.08
12.00	3.59	7,085	148.96	0.10
12.10	6.34	8,788	149.17	0.12
12.20	7.93	11,453	149.49	0.20
12.30	4.89	13,400	149.72	1.77
12.40	3.19	14,034	149.79	2.51
12.50	2.36	14,092	149.80	2.58
12.60	1.93	13,963	149.78	2.42
12.70	1.46	13,741	149.76	2.15
12.80	1.26	13,502	149.73	1.88
12.90	1.14	13,299	149.71	1.65
13.00	1.03	13,128	149.69	1.47
13.10	0.92	12,977	149.67	1.32
13.20	0.83	12,841	149.65	1.18
13.30	0.76	12,721	149.64	1.07
13.40	0.70	12,615	149.63	0.98
13.50	0.64	12,521	149.62	0.89
13.60	0.58	12,434	149.61	0.82
13.70	0.54	12,354	149.60	0.75
13.80	0.51	12,283	149.59	0.70
13.90	0.49	12,222	149.58	0.65
14.00	0.48	12,170	149.57	0.61
14.10	0.46	12,126	149.57	0.58
14.20	0.45	12,087	149.56	0.55
14.30	0.43	12,053	149.56	0.52
14.40	0.42	12,022	149.56	0.50
14.50	0.40	11,993	149.55	0.48
14.60	0.39	11,967	149.55	0.46
14.70	0.37	11,941	149.55	0.44
14.80	0.36	11,915	149.54	0.43
14.90	0.34	11,889	149.54	0.42
15.00	0.33	11,862	149.54	0.40
15.10	0.31	11,835	149.54	0.39
15.20	0.30	11,808	149.53	0.37
15.30	0.29	11,783	149.53	0.36
15.40	0.29	11,760	149.53	0.35
15.50	0.28	11,741	149.52	0.34

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	11,723	149.52	0.33
15.70	0.28	11,707	149.52	0.32
15.80	0.27	11,693	149.52	0.31
15.90	0.27	11,680	149.52	0.30
16.00	0.26	11,667	149.52	0.30
16.10	0.26	11,656	149.51	0.29
16.20	0.26	11,646	149.51	0.28
16.30	0.25	11,636	149.51	0.28
16.40	0.25	11,626	149.51	0.27
16.50	0.24	11,617	149.51	0.27
16.60	0.24	11,608	149.51	0.26
16.70	0.24	11,599	149.51	0.26
16.80	0.23	11,591	149.51	0.25
16.90	0.23	11,583	149.51	0.25
17.00	0.22	11,574	149.50	0.25
17.10	0.22	11,566	149.50	0.24
17.20	0.21	11,559	149.50	0.24
17.30	0.21	11,551	149.50	0.23
17.40	0.21	11,543	149.50	0.23
17.50	0.20	11,535	149.50	0.22
17.60	0.20	11,527	149.50	0.22
17.70	0.19	11,518	149.50	0.22
17.80	0.19	11,509	149.50	0.22
17.90	0.19	11,499	149.50	0.21
18.00	0.18	11,489	149.49	0.21
18.10	0.18	11,478	149.49	0.21
18.20	0.17	11,467	149.49	0.20
18.30	0.17	11,456	149.49	0.20
18.40	0.17	11,445	149.49	0.20
18.50	0.17	11,436	149.49	0.20
18.60	0.17	11,426	149.49	0.19
18.70	0.17	11,418	149.49	0.19
18.80	0.17	11,410	149.49	0.19
18.90	0.17	11,402	149.48	0.19
19.00	0.16	11,394	149.48	0.18
19.10	0.16	11,387	149.48	0.18
19.20	0.16	11,381	149.48	0.18
19.30	0.16	11,374	149.48	0.18
19.40	0.16	11,368	149.48	0.18
19.50	0.16	11,362	149.48	0.18
19.60	0.16	11,357	149.48	0.17
19.70	0.16	11,351	149.48	0.17
19.80	0.16	11,346	149.48	0.17
19.90	0.16	11,341	149.48	0.17
20.00	0.15	11,336	149.48	0.17
20.10	0.15	11,331	149.48	0.17
20.20	0.15	11,326	149.48	0.17
20.30	0.15	11,321	149.47	0.16
20.40	0.15	11,317	149.47	0.16
20.50	0.15	11,312	149.47	0.16
20.60	0.15	11,308	149.47	0.16
20.70	0.15	11,304	149.47	0.16

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	11,299	149.47	0.16
20.90	0.14	11,295	149.47	0.16
21.00	0.14	11,291	149.47	0.16
21.10	0.14	11,287	149.47	0.15
21.20	0.14	11,283	149.47	0.15
21.30	0.14	11,278	149.47	0.15
21.40	0.14	11,274	149.47	0.15
21.50	0.14	11,269	149.47	0.15
21.60	0.14	11,264	149.47	0.15
21.70	0.14	11,259	149.47	0.15
21.80	0.14	11,253	149.47	0.15
21.90	0.14	11,247	149.47	0.15
22.00	0.13	11,240	149.47	0.15
22.10	0.13	11,233	149.46	0.15
22.20	0.13	11,226	149.46	0.15
22.30	0.13	11,218	149.46	0.15
22.40	0.13	11,211	149.46	0.15
22.50	0.13	11,202	149.46	0.15
22.60	0.13	11,194	149.46	0.15
22.70	0.13	11,185	149.46	0.15
22.80	0.13	11,175	149.46	0.15
22.90	0.12	11,166	149.46	0.15
23.00	0.12	11,156	149.46	0.15
23.10	0.12	11,145	149.45	0.15
23.20	0.12	11,135	149.45	0.15
23.30	0.12	11,124	149.45	0.15
23.40	0.12	11,112	149.45	0.15
23.50	0.12	11,100	149.45	0.15
23.60	0.12	11,088	149.45	0.15
23.70	0.12	11,076	149.45	0.15
23.80	0.11	11,063	149.44	0.15
23.90	0.11	11,050	149.44	0.15
24.00	0.12	11,038	149.44	0.15
24.10	0.10	11,026	149.44	0.15
24.20	0.03	10,994	149.44	0.15
24.30	0.01	10,946	149.43	0.15
24.40	0.00	10,894	149.42	0.15
24.50	0.00	10,841	149.42	0.15
24.60	0.00	10,787	149.41	0.15
24.70	0.00	10,734	149.40	0.15
24.80	0.00	10,682	149.40	0.15
24.90	0.00	10,629	149.39	0.15
25.00	0.00	10,577	149.39	0.15
25.10	0.00	10,525	149.38	0.14
25.20	0.00	10,473	149.37	0.14
25.30	0.00	10,421	149.37	0.14
25.40	0.00	10,369	149.36	0.14
25.50	0.00	10,318	149.36	0.14
25.60	0.00	10,267	149.35	0.14
25.70	0.00	10,216	149.34	0.14
25.80	0.00	10,165	149.34	0.14
25.90	0.00	10,115	149.33	0.14

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,065	149.32	0.14
26.10	0.00	10,015	149.32	0.14
26.20	0.00	9,965	149.31	0.14
26.30	0.00	9,915	149.31	0.14
26.40	0.00	9,866	149.30	0.14
26.50	0.00	9,817	149.29	0.14
26.60	0.00	9,768	149.29	0.14
26.70	0.00	9,719	149.28	0.14
26.80	0.00	9,670	149.28	0.13
26.90	0.00	9,622	149.27	0.13
27.00	0.00	9,574	149.27	0.13
27.10	0.00	9,526	149.26	0.13
27.20	0.00	9,478	149.25	0.13
27.30	0.00	9,431	149.25	0.13
27.40	0.00	9,383	149.24	0.13
27.50	0.00	9,336	149.24	0.13
27.60	0.00	9,289	149.23	0.13
27.70	0.00	9,243	149.22	0.13
27.80	0.00	9,196	149.22	0.13
27.90	0.00	9,150	149.21	0.13
28.00	0.00	9,104	149.21	0.13
28.10	0.00	9,058	149.20	0.13
28.20	0.00	9,013	149.20	0.13
28.30	0.00	8,967	149.19	0.13
28.40	0.00	8,922	149.19	0.13
28.50	0.00	8,877	149.18	0.12
28.60	0.00	8,833	149.17	0.12
28.70	0.00	8,788	149.17	0.12
28.80	0.00	8,744	149.16	0.12
28.90	0.00	8,700	149.16	0.12
29.00	0.00	8,656	149.15	0.12
29.10	0.00	8,612	149.15	0.12
29.20	0.00	8,569	149.14	0.12
29.30	0.00	8,526	149.14	0.12
29.40	0.00	8,483	149.13	0.12
29.50	0.00	8,440	149.13	0.12
29.60	0.00	8,397	149.12	0.12
29.70	0.00	8,355	149.12	0.12
29.80	0.00	8,313	149.11	0.12
29.90	0.00	8,271	149.10	0.12
30.00	0.00	8,229	149.10	0.12
30.10	0.00	8,188	149.09	0.11
30.20	0.00	8,147	149.09	0.11
30.30	0.00	8,105	149.08	0.11
30.40	0.00	8,065	149.08	0.11
30.50	0.00	8,024	149.07	0.11
30.60	0.00	7,984	149.07	0.11
30.70	0.00	7,943	149.06	0.11
30.80	0.00	7,904	149.06	0.11
30.90	0.00	7,864	149.05	0.11
31.00	0.00	7,824	149.05	0.11
31.10	0.00	7,785	149.04	0.11

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,746	149.04	0.11
31.30	0.00	7,707	149.03	0.11
31.40	0.00	7,668	149.03	0.11
31.50	0.00	7,630	149.02	0.11
31.60	0.00	7,592	149.02	0.11
31.70	0.00	7,554	149.02	0.11
31.80	0.00	7,516	149.01	0.10
31.90	0.00	7,478	149.01	0.10
32.00	0.00	7,441	149.00	0.10
32.10	0.00	7,404	149.00	0.10
32.20	0.00	7,367	148.99	0.10
32.30	0.00	7,331	148.99	0.10
32.40	0.00	7,294	148.98	0.10
32.50	0.00	7,258	148.98	0.10
32.60	0.00	7,222	148.97	0.10
32.70	0.00	7,186	148.97	0.10
32.80	0.00	7,151	148.96	0.10
32.90	0.00	7,115	148.96	0.10
33.00	0.00	7,080	148.96	0.10
33.10	0.00	7,045	148.95	0.10
33.20	0.00	7,010	148.95	0.10
33.30	0.00	6,976	148.94	0.10
33.40	0.00	6,942	148.94	0.09
33.50	0.00	6,908	148.93	0.09
33.60	0.00	6,874	148.93	0.09
33.70	0.00	6,840	148.93	0.09
33.80	0.00	6,807	148.92	0.09
33.90	0.00	6,774	148.92	0.09
34.00	0.00	6,741	148.91	0.09
34.10	0.00	6,708	148.91	0.09
34.20	0.00	6,676	148.90	0.09
34.30	0.00	6,644	148.90	0.09
34.40	0.00	6,612	148.90	0.09
34.50	0.00	6,580	148.89	0.09
34.60	0.00	6,548	148.89	0.09
34.70	0.00	6,517	148.88	0.09
34.80	0.00	6,486	148.88	0.09
34.90	0.00	6,455	148.88	0.09
35.00	0.00	6,424	148.87	0.08
35.10	0.00	6,394	148.87	0.08
35.20	0.00	6,364	148.86	0.08
35.30	0.00	6,334	148.86	0.08
35.40	0.00	6,304	148.86	0.08
35.50	0.00	6,274	148.85	0.08
35.60	0.00	6,245	148.85	0.08
35.70	0.00	6,216	148.85	0.08
35.80	0.00	6,187	148.84	0.08
35.90	0.00	6,158	148.84	0.08
36.00	0.00	6,130	148.83	0.08
36.10	0.00	6,102	148.83	0.08
36.20	0.00	6,074	148.83	0.08
36.30	0.00	6,046	148.82	0.08

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,019	148.82	0.08
36.50	0.00	5,991	148.82	0.08
36.60	0.00	5,964	148.81	0.07
36.70	0.00	5,937	148.81	0.07
36.80	0.00	5,911	148.81	0.07
36.90	0.00	5,884	148.80	0.07
37.00	0.00	5,858	148.80	0.07
37.10	0.00	5,832	148.80	0.07
37.20	0.00	5,807	148.79	0.07
37.30	0.00	5,781	148.79	0.07
37.40	0.00	5,756	148.79	0.07
37.50	0.00	5,731	148.78	0.07
37.60	0.00	5,706	148.78	0.07
37.70	0.00	5,681	148.78	0.07
37.80	0.00	5,657	148.77	0.07
37.90	0.00	5,633	148.77	0.07
38.00	0.00	5,609	148.77	0.07
38.10	0.00	5,586	148.76	0.07
38.20	0.00	5,562	148.76	0.06
38.30	0.00	5,539	148.76	0.06
38.40	0.00	5,516	148.75	0.06
38.50	0.00	5,493	148.75	0.06
38.60	0.00	5,470	148.75	0.06
38.70	0.00	5,448	148.75	0.06
38.80	0.00	5,426	148.74	0.06
38.90	0.00	5,404	148.74	0.06
39.00	0.00	5,383	148.74	0.06
39.10	0.00	5,361	148.73	0.06
39.20	0.00	5,340	148.73	0.06
39.30	0.00	5,319	148.73	0.06
39.40	0.00	5,298	148.73	0.06
39.50	0.00	5,278	148.72	0.06
39.60	0.00	5,258	148.72	0.06
39.70	0.00	5,237	148.72	0.06
39.80	0.00	5,218	148.72	0.05
39.90	0.00	5,198	148.71	0.05
40.00	0.00	5,179	148.71	0.05

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 3.23" for Current 10 yr event
 Inflow = 8.14 cfs @ 12.17 hrs, Volume= 0.659 af
 Outflow = 3.85 cfs @ 12.36 hrs, Volume= 0.572 af, Atten= 53%, Lag= 11.2 min
 Primary = 3.85 cfs @ 12.36 hrs, Volume= 0.572 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.91' @ 12.36 hrs Surf.Area= 7,505 sf Storage= 12,423 cf

Plug-Flow detention time= 258.1 min calculated for 0.572 af (87% of inflow)
 Center-of-Mass det. time= 194.3 min (992.2 - 797.9)

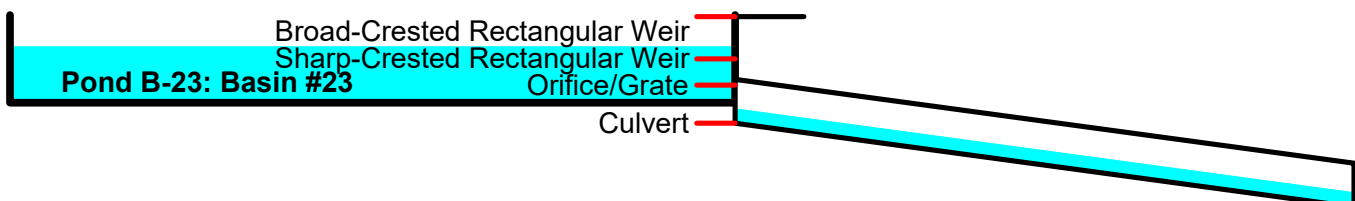
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

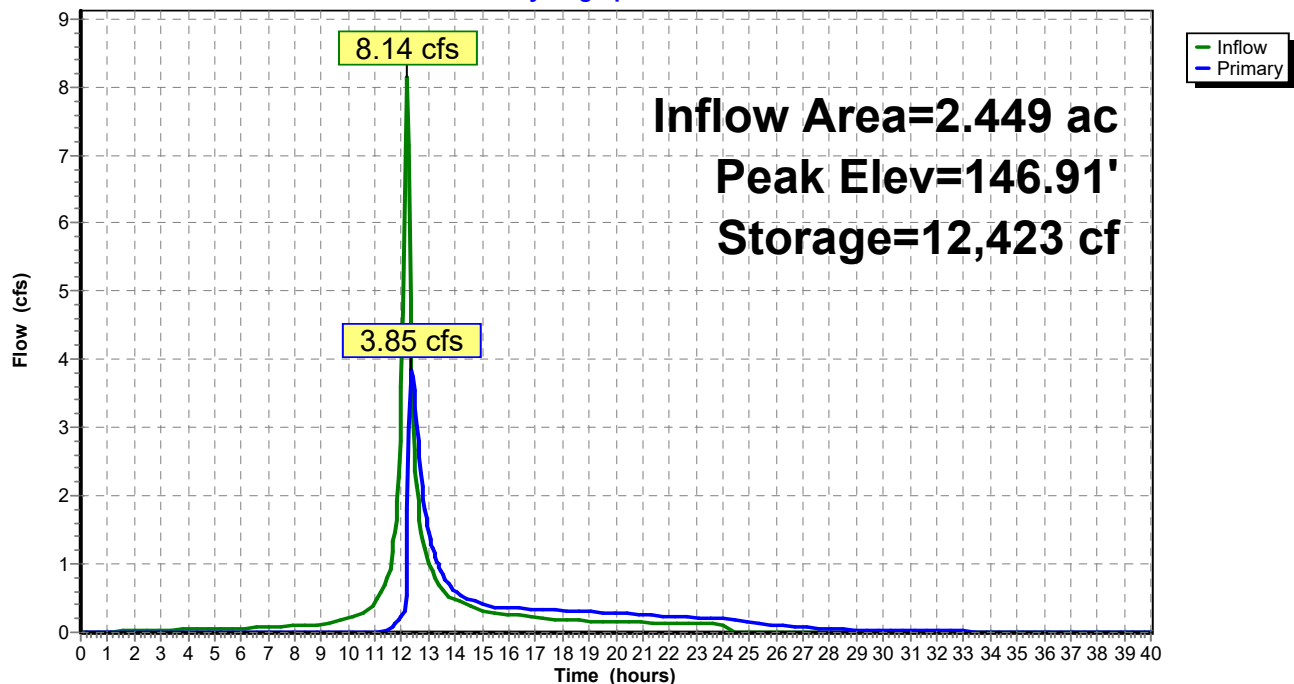
Primary OutFlow Max=3.82 cfs @ 12.36 hrs HW=146.91' (Free Discharge)

1=Culvert (Passes 3.82 cfs of 11.61 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.45 cfs @ 5.13 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 3.38 cfs @ 2.10 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23

Hydrograph



Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	0	145.00	0.00
0.60	0.00	0	145.00	0.00
0.70	0.00	0	145.00	0.00
0.80	0.00	0	145.00	0.00
0.90	0.00	0	145.00	0.00
1.00	0.00	1	145.00	0.00
1.10	0.00	2	145.00	0.00
1.20	0.01	4	145.00	0.00
1.30	0.01	7	145.00	0.00
1.40	0.01	11	145.00	0.00
1.50	0.01	15	145.00	0.00
1.60	0.01	20	145.00	0.00
1.70	0.02	26	145.00	0.00
1.80	0.02	32	145.01	0.00
1.90	0.02	39	145.01	0.00
2.00	0.02	46	145.01	0.00
2.10	0.02	54	145.01	0.00
2.20	0.02	63	145.01	0.00
2.30	0.03	72	145.01	0.00
2.40	0.03	81	145.01	0.00
2.50	0.03	91	145.02	0.00
2.60	0.03	101	145.02	0.00
2.70	0.03	112	145.02	0.00
2.80	0.03	123	145.02	0.00
2.90	0.03	135	145.02	0.00
3.00	0.03	147	145.03	0.00
3.10	0.04	159	145.03	0.00
3.20	0.04	172	145.03	0.00
3.30	0.04	185	145.03	0.00
3.40	0.04	199	145.04	0.00
3.50	0.04	213	145.04	0.00
3.60	0.04	227	145.04	0.00
3.70	0.04	242	145.04	0.00
3.80	0.04	257	145.05	0.00
3.90	0.04	272	145.05	0.00
4.00	0.04	287	145.05	0.00
4.10	0.04	303	145.05	0.00
4.20	0.05	319	145.06	0.00
4.30	0.05	336	145.06	0.00
4.40	0.05	352	145.06	0.00
4.50	0.05	369	145.07	0.00
4.60	0.05	387	145.07	0.00
4.70	0.05	404	145.07	0.00
4.80	0.05	422	145.08	0.00
4.90	0.05	440	145.08	0.00
5.00	0.05	458	145.08	0.00
5.10	0.05	477	145.09	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	496	145.09	0.00
5.30	0.05	515	145.09	0.00
5.40	0.05	534	145.10	0.00
5.50	0.05	554	145.10	0.00
5.60	0.06	574	145.10	0.00
5.70	0.06	594	145.11	0.00
5.80	0.06	614	145.11	0.00
5.90	0.06	635	145.11	0.00
6.00	0.06	656	145.12	0.00
6.10	0.06	677	145.12	0.00
6.20	0.06	698	145.13	0.00
6.30	0.06	720	145.13	0.00
6.40	0.06	743	145.13	0.00
6.50	0.07	766	145.14	0.00
6.60	0.07	790	145.14	0.00
6.70	0.07	815	145.15	0.00
6.80	0.07	840	145.15	0.00
6.90	0.07	866	145.15	0.00
7.00	0.07	892	145.16	0.00
7.10	0.08	919	145.16	0.00
7.20	0.08	947	145.17	0.00
7.30	0.08	975	145.17	0.00
7.40	0.08	1,004	145.18	0.00
7.50	0.08	1,034	145.18	0.00
7.60	0.08	1,064	145.19	0.00
7.70	0.09	1,095	145.20	0.00
7.80	0.09	1,126	145.20	0.00
7.90	0.09	1,158	145.21	0.00
8.00	0.09	1,191	145.21	0.00
8.10	0.09	1,225	145.22	0.00
8.20	0.10	1,259	145.22	0.00
8.30	0.10	1,294	145.23	0.00
8.40	0.10	1,329	145.24	0.00
8.50	0.10	1,365	145.24	0.00
8.60	0.10	1,402	145.25	0.00
8.70	0.10	1,439	145.26	0.00
8.80	0.11	1,477	145.26	0.00
8.90	0.11	1,515	145.27	0.00
9.00	0.11	1,555	145.28	0.00
9.10	0.12	1,596	145.28	0.00
9.20	0.12	1,640	145.29	0.00
9.30	0.13	1,686	145.30	0.00
9.40	0.14	1,735	145.31	0.00
9.50	0.15	1,788	145.32	0.00
9.60	0.16	1,844	145.32	0.00
9.70	0.17	1,903	145.33	0.00
9.80	0.18	1,966	145.35	0.00
9.90	0.19	2,033	145.36	0.00
10.00	0.20	2,104	145.37	0.00
10.10	0.21	2,179	145.38	0.00
10.20	0.22	2,257	145.40	0.00
10.30	0.24	2,341	145.41	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	2,428	145.42	0.00
10.50	0.26	2,520	145.44	0.00
10.60	0.28	2,617	145.46	0.00
10.70	0.31	2,724	145.47	0.00
10.80	0.35	2,843	145.49	0.00
10.90	0.39	2,976	145.52	0.00
11.00	0.43	3,124	145.54	0.00
11.10	0.48	3,288	145.57	0.00
11.20	0.56	3,475	145.60	0.00
11.30	0.64	3,689	145.63	0.00
11.40	0.72	3,931	145.67	0.01
11.50	0.81	4,200	145.71	0.03
11.60	0.99	4,504	145.76	0.05
11.70	1.34	4,899	145.83	0.09
11.80	1.66	5,388	145.90	0.15
11.90	2.29	6,027	146.00	0.20
12.00	3.59	6,977	146.15	0.25
12.10	6.34	8,615	146.39	0.33
12.20	7.91	11,039	146.73	1.80
12.30	4.88	12,307	146.90	3.65
12.40	3.18	12,371	146.91	3.76
12.50	2.36	12,078	146.87	3.29
12.60	1.92	11,757	146.82	2.80
12.70	1.46	11,436	146.78	2.33
12.80	1.26	11,154	146.74	1.95
12.90	1.14	10,936	146.71	1.67
13.00	1.03	10,764	146.69	1.46
13.10	0.92	10,620	146.67	1.29
13.20	0.83	10,494	146.65	1.15
13.30	0.76	10,384	146.64	1.04
13.40	0.70	10,290	146.62	0.94
13.50	0.64	10,205	146.61	0.87
13.60	0.58	10,127	146.60	0.79
13.70	0.53	10,054	146.59	0.73
13.80	0.51	9,989	146.58	0.68
13.90	0.49	9,933	146.57	0.63
14.00	0.48	9,886	146.57	0.60
14.10	0.46	9,846	146.56	0.57
14.20	0.45	9,811	146.56	0.54
14.30	0.43	9,777	146.55	0.52
14.40	0.42	9,745	146.55	0.50
14.50	0.40	9,715	146.54	0.49
14.60	0.39	9,686	146.54	0.47
14.70	0.37	9,658	146.53	0.45
14.80	0.36	9,630	146.53	0.43
14.90	0.34	9,602	146.53	0.42
15.00	0.33	9,571	146.52	0.41
15.10	0.31	9,540	146.52	0.40
15.20	0.30	9,507	146.51	0.39
15.30	0.29	9,475	146.51	0.38
15.40	0.29	9,445	146.50	0.37
15.50	0.28	9,417	146.50	0.36

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	9,389	146.50	0.36
15.70	0.27	9,361	146.49	0.36
15.80	0.27	9,331	146.49	0.35
15.90	0.27	9,301	146.48	0.35
16.00	0.26	9,269	146.48	0.35
16.10	0.26	9,236	146.47	0.35
16.20	0.25	9,202	146.47	0.35
16.30	0.25	9,168	146.46	0.35
16.40	0.25	9,132	146.46	0.35
16.50	0.24	9,095	146.45	0.35
16.60	0.24	9,057	146.45	0.34
16.70	0.23	9,019	146.44	0.34
16.80	0.23	8,979	146.44	0.34
16.90	0.23	8,938	146.43	0.34
17.00	0.22	8,897	146.43	0.34
17.10	0.22	8,854	146.42	0.34
17.20	0.21	8,811	146.41	0.34
17.30	0.21	8,767	146.41	0.33
17.40	0.20	8,722	146.40	0.33
17.50	0.20	8,676	146.39	0.33
17.60	0.20	8,629	146.39	0.33
17.70	0.19	8,581	146.38	0.33
17.80	0.19	8,533	146.37	0.32
17.90	0.18	8,483	146.37	0.32
18.00	0.18	8,433	146.36	0.32
18.10	0.18	8,383	146.35	0.32
18.20	0.17	8,331	146.34	0.32
18.30	0.17	8,279	146.34	0.31
18.40	0.17	8,228	146.33	0.31
18.50	0.17	8,177	146.32	0.31
18.60	0.17	8,126	146.31	0.31
18.70	0.17	8,076	146.31	0.31
18.80	0.17	8,026	146.30	0.30
18.90	0.16	7,976	146.29	0.30
19.00	0.16	7,927	146.29	0.30
19.10	0.16	7,879	146.28	0.30
19.20	0.16	7,830	146.27	0.30
19.30	0.16	7,782	146.26	0.29
19.40	0.16	7,735	146.26	0.29
19.50	0.16	7,688	146.25	0.29
19.60	0.16	7,641	146.24	0.29
19.70	0.16	7,595	146.24	0.28
19.80	0.16	7,549	146.23	0.28
19.90	0.16	7,503	146.22	0.28
20.00	0.15	7,458	146.22	0.28
20.10	0.15	7,414	146.21	0.28
20.20	0.15	7,369	146.20	0.27
20.30	0.15	7,325	146.20	0.27
20.40	0.15	7,282	146.19	0.27
20.50	0.15	7,238	146.18	0.27
20.60	0.15	7,196	146.18	0.27
20.70	0.15	7,153	146.17	0.26

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	7,111	146.17	0.26
20.90	0.14	7,070	146.16	0.26
21.00	0.14	7,028	146.15	0.26
21.10	0.14	6,987	146.15	0.26
21.20	0.14	6,947	146.14	0.25
21.30	0.14	6,907	146.13	0.25
21.40	0.14	6,867	146.13	0.25
21.50	0.14	6,828	146.12	0.25
21.60	0.14	6,789	146.12	0.24
21.70	0.14	6,750	146.11	0.24
21.80	0.14	6,712	146.11	0.24
21.90	0.13	6,674	146.10	0.24
22.00	0.13	6,637	146.09	0.24
22.10	0.13	6,600	146.09	0.23
22.20	0.13	6,563	146.08	0.23
22.30	0.13	6,527	146.08	0.23
22.40	0.13	6,491	146.07	0.23
22.50	0.13	6,456	146.07	0.23
22.60	0.13	6,420	146.06	0.22
22.70	0.13	6,386	146.06	0.22
22.80	0.12	6,351	146.05	0.22
22.90	0.12	6,317	146.05	0.22
23.00	0.12	6,283	146.04	0.22
23.10	0.12	6,250	146.04	0.21
23.20	0.12	6,217	146.03	0.21
23.30	0.12	6,185	146.03	0.21
23.40	0.12	6,153	146.02	0.21
23.50	0.12	6,121	146.02	0.21
23.60	0.12	6,089	146.01	0.20
23.70	0.12	6,058	146.01	0.20
23.80	0.11	6,028	146.00	0.20
23.90	0.11	5,997	146.00	0.20
24.00	0.12	5,968	145.99	0.20
24.10	0.10	5,940	145.99	0.19
24.20	0.03	5,893	145.98	0.19
24.30	0.01	5,832	145.97	0.19
24.40	0.00	5,767	145.96	0.18
24.50	0.00	5,703	145.95	0.18
24.60	0.00	5,641	145.94	0.17
24.70	0.00	5,580	145.93	0.17
24.80	0.00	5,521	145.92	0.16
24.90	0.00	5,463	145.91	0.16
25.00	0.00	5,408	145.91	0.15
25.10	0.00	5,355	145.90	0.15
25.20	0.00	5,303	145.89	0.14
25.30	0.00	5,254	145.88	0.13
25.40	0.00	5,206	145.87	0.13
25.50	0.00	5,160	145.87	0.12
25.60	0.00	5,116	145.86	0.12
25.70	0.00	5,074	145.85	0.11
25.80	0.00	5,034	145.85	0.11
25.90	0.00	4,995	145.84	0.11

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,958	145.84	0.10
26.10	0.00	4,922	145.83	0.10
26.20	0.00	4,887	145.82	0.09
26.30	0.00	4,855	145.82	0.09
26.40	0.00	4,823	145.81	0.09
26.50	0.00	4,792	145.81	0.08
26.60	0.00	4,763	145.80	0.08
26.70	0.00	4,735	145.80	0.08
26.80	0.00	4,708	145.80	0.07
26.90	0.00	4,682	145.79	0.07
27.00	0.00	4,657	145.79	0.07
27.10	0.00	4,633	145.78	0.07
27.20	0.00	4,610	145.78	0.06
27.30	0.00	4,588	145.78	0.06
27.40	0.00	4,566	145.77	0.06
27.50	0.00	4,545	145.77	0.06
27.60	0.00	4,525	145.77	0.05
27.70	0.00	4,506	145.76	0.05
27.80	0.00	4,487	145.76	0.05
27.90	0.00	4,469	145.76	0.05
28.00	0.00	4,452	145.76	0.05
28.10	0.00	4,435	145.75	0.05
28.20	0.00	4,419	145.75	0.04
28.30	0.00	4,403	145.75	0.04
28.40	0.00	4,388	145.74	0.04
28.50	0.00	4,373	145.74	0.04
28.60	0.00	4,359	145.74	0.04
28.70	0.00	4,345	145.74	0.04
28.80	0.00	4,332	145.74	0.04
28.90	0.00	4,319	145.73	0.04
29.00	0.00	4,306	145.73	0.03
29.10	0.00	4,294	145.73	0.03
29.20	0.00	4,282	145.73	0.03
29.30	0.00	4,270	145.73	0.03
29.40	0.00	4,259	145.72	0.03
29.50	0.00	4,248	145.72	0.03
29.60	0.00	4,237	145.72	0.03
29.70	0.00	4,227	145.72	0.03
29.80	0.00	4,217	145.72	0.03
29.90	0.00	4,208	145.72	0.03
30.00	0.00	4,198	145.71	0.03
30.10	0.00	4,189	145.71	0.03
30.20	0.00	4,180	145.71	0.02
30.30	0.00	4,171	145.71	0.02
30.40	0.00	4,162	145.71	0.02
30.50	0.00	4,154	145.71	0.02
30.60	0.00	4,146	145.71	0.02
30.70	0.00	4,138	145.70	0.02
30.80	0.00	4,130	145.70	0.02
30.90	0.00	4,122	145.70	0.02
31.00	0.00	4,115	145.70	0.02
31.10	0.00	4,108	145.70	0.02

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,101	145.70	0.02
31.30	0.00	4,094	145.70	0.02
31.40	0.00	4,087	145.70	0.02
31.50	0.00	4,081	145.70	0.02
31.60	0.00	4,074	145.69	0.02
31.70	0.00	4,068	145.69	0.02
31.80	0.00	4,062	145.69	0.02
31.90	0.00	4,056	145.69	0.02
32.00	0.00	4,050	145.69	0.02
32.10	0.00	4,045	145.69	0.02
32.20	0.00	4,039	145.69	0.02
32.30	0.00	4,034	145.69	0.01
32.40	0.00	4,028	145.69	0.01
32.50	0.00	4,023	145.69	0.01
32.60	0.00	4,018	145.69	0.01
32.70	0.00	4,013	145.68	0.01
32.80	0.00	4,008	145.68	0.01
32.90	0.00	4,003	145.68	0.01
33.00	0.00	3,998	145.68	0.01
33.10	0.00	3,993	145.68	0.01
33.20	0.00	3,989	145.68	0.01
33.30	0.00	3,984	145.68	0.01
33.40	0.00	3,980	145.68	0.01
33.50	0.00	3,975	145.68	0.01
33.60	0.00	3,971	145.68	0.01
33.70	0.00	3,967	145.68	0.01
33.80	0.00	3,963	145.68	0.01
33.90	0.00	3,959	145.68	0.01
34.00	0.00	3,955	145.68	0.01
34.10	0.00	3,951	145.67	0.01
34.20	0.00	3,947	145.67	0.01
34.30	0.00	3,943	145.67	0.01
34.40	0.00	3,939	145.67	0.01
34.50	0.00	3,936	145.67	0.01
34.60	0.00	3,932	145.67	0.01
34.70	0.00	3,929	145.67	0.01
34.80	0.00	3,925	145.67	0.01
34.90	0.00	3,922	145.67	0.01
35.00	0.00	3,918	145.67	0.01
35.10	0.00	3,915	145.67	0.01
35.20	0.00	3,912	145.67	0.01
35.30	0.00	3,909	145.67	0.01
35.40	0.00	3,906	145.67	0.01
35.50	0.00	3,903	145.67	0.01
35.60	0.00	3,900	145.67	0.01
35.70	0.00	3,897	145.67	0.01
35.80	0.00	3,894	145.67	0.01
35.90	0.00	3,891	145.67	0.01
36.00	0.00	3,888	145.66	0.01
36.10	0.00	3,885	145.66	0.01
36.20	0.00	3,883	145.66	0.01
36.30	0.00	3,880	145.66	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,877	145.66	0.01
36.50	0.00	3,875	145.66	0.01
36.60	0.00	3,872	145.66	0.01
36.70	0.00	3,870	145.66	0.01
36.80	0.00	3,867	145.66	0.01
36.90	0.00	3,865	145.66	0.01
37.00	0.00	3,863	145.66	0.01
37.10	0.00	3,860	145.66	0.01
37.20	0.00	3,858	145.66	0.01
37.30	0.00	3,856	145.66	0.01
37.40	0.00	3,854	145.66	0.01
37.50	0.00	3,852	145.66	0.01
37.60	0.00	3,849	145.66	0.01
37.70	0.00	3,847	145.66	0.01
37.80	0.00	3,845	145.66	0.01
37.90	0.00	3,843	145.66	0.01
38.00	0.00	3,841	145.66	0.01
38.10	0.00	3,839	145.66	0.01
38.20	0.00	3,837	145.66	0.01
38.30	0.00	3,835	145.66	0.01
38.40	0.00	3,833	145.66	0.01
38.50	0.00	3,831	145.66	0.01
38.60	0.00	3,829	145.66	0.01
38.70	0.00	3,827	145.65	0.01
38.80	0.00	3,825	145.65	0.01
38.90	0.00	3,823	145.65	0.01
39.00	0.00	3,821	145.65	0.01
39.10	0.00	3,819	145.65	0.01
39.20	0.00	3,818	145.65	0.01
39.30	0.00	3,816	145.65	0.01
39.40	0.00	3,814	145.65	0.00
39.50	0.00	3,812	145.65	0.00
39.60	0.00	3,810	145.65	0.00
39.70	0.00	3,809	145.65	0.00
39.80	0.00	3,807	145.65	0.00
39.90	0.00	3,805	145.65	0.00
40.00	0.00	3,804	145.65	0.00

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 3.32" for Current 10 yr event
 Inflow = 8.19 cfs @ 12.17 hrs, Volume= 0.667 af
 Outflow = 1.70 cfs @ 12.65 hrs, Volume= 0.569 af, Atten= 79%, Lag= 28.3 min
 Primary = 1.70 cfs @ 12.65 hrs, Volume= 0.569 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.69' @ 12.65 hrs Surf.Area= 10,074 sf Storage= 15,495 cf

Plug-Flow detention time= 314.3 min calculated for 0.569 af (85% of inflow)
 Center-of-Mass det. time= 245.7 min (1,039.7 - 794.0)

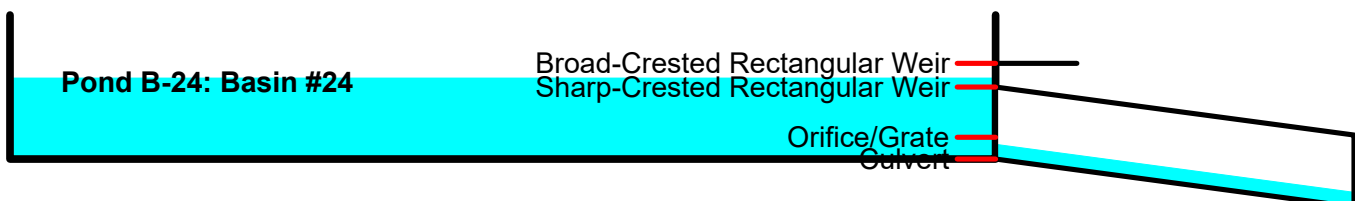
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

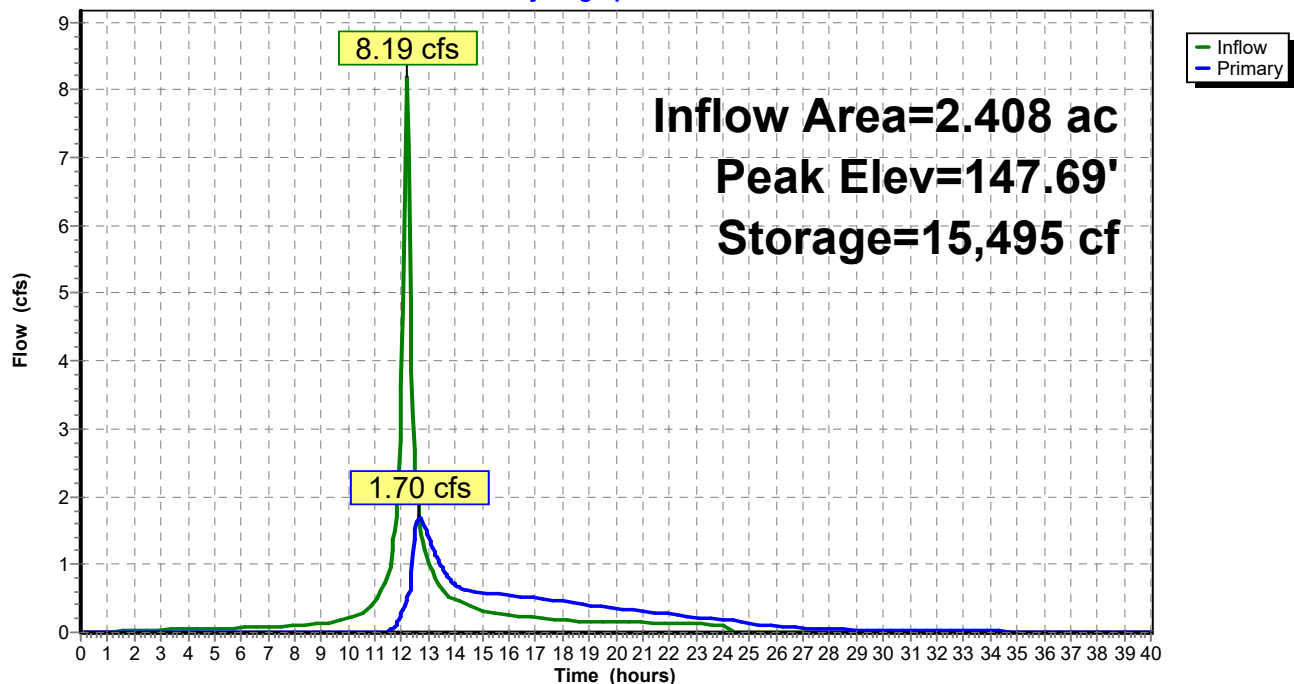
Primary OutFlow Max=1.70 cfs @ 12.65 hrs HW=147.68' (Free Discharge)

1=Culvert (Passes 1.70 cfs of 8.23 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.67 cfs @ 4.88 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 1.03 cfs @ 1.41 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	0	146.00	0.00
0.60	0.00	0	146.00	0.00
0.70	0.00	0	146.00	0.00
0.80	0.00	0	146.00	0.00
0.90	0.00	0	146.00	0.00
1.00	0.00	1	146.00	0.00
1.10	0.01	2	146.00	0.00
1.20	0.01	5	146.00	0.00
1.30	0.01	8	146.00	0.00
1.40	0.01	12	146.00	0.00
1.50	0.01	17	146.00	0.00
1.60	0.02	22	146.00	0.00
1.70	0.02	28	146.00	0.00
1.80	0.02	35	146.00	0.00
1.90	0.02	43	146.01	0.00
2.00	0.02	51	146.01	0.00
2.10	0.02	59	146.01	0.00
2.20	0.03	69	146.01	0.00
2.30	0.03	78	146.01	0.00
2.40	0.03	89	146.01	0.00
2.50	0.03	100	146.01	0.00
2.60	0.03	111	146.01	0.00
2.70	0.03	123	146.01	0.00
2.80	0.03	135	146.02	0.00
2.90	0.04	148	146.02	0.00
3.00	0.04	161	146.02	0.00
3.10	0.04	175	146.02	0.00
3.20	0.04	189	146.02	0.00
3.30	0.04	203	146.02	0.00
3.40	0.04	218	146.03	0.00
3.50	0.04	233	146.03	0.00
3.60	0.04	249	146.03	0.00
3.70	0.04	265	146.03	0.00
3.80	0.05	281	146.03	0.00
3.90	0.05	298	146.04	0.00
4.00	0.05	315	146.04	0.00
4.10	0.05	333	146.04	0.00
4.20	0.05	350	146.04	0.00
4.30	0.05	368	146.04	0.00
4.40	0.05	387	146.05	0.00
4.50	0.05	405	146.05	0.00
4.60	0.05	424	146.05	0.00
4.70	0.05	444	146.05	0.00
4.80	0.05	463	146.06	0.00
4.90	0.06	483	146.06	0.00
5.00	0.06	503	146.06	0.00
5.10	0.06	524	146.06	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	544	146.07	0.00
5.30	0.06	565	146.07	0.00
5.40	0.06	586	146.07	0.00
5.50	0.06	608	146.07	0.00
5.60	0.06	630	146.08	0.00
5.70	0.06	652	146.08	0.00
5.80	0.06	674	146.08	0.00
5.90	0.06	697	146.08	0.00
6.00	0.06	719	146.09	0.00
6.10	0.06	743	146.09	0.00
6.20	0.07	766	146.09	0.00
6.30	0.07	790	146.09	0.00
6.40	0.07	815	146.10	0.00
6.50	0.07	841	146.10	0.00
6.60	0.07	867	146.10	0.00
6.70	0.08	894	146.11	0.00
6.80	0.08	921	146.11	0.00
6.90	0.08	950	146.11	0.00
7.00	0.08	979	146.12	0.00
7.10	0.08	1,008	146.12	0.00
7.20	0.09	1,039	146.12	0.00
7.30	0.09	1,070	146.13	0.00
7.40	0.09	1,102	146.13	0.00
7.50	0.09	1,134	146.14	0.00
7.60	0.09	1,167	146.14	0.00
7.70	0.10	1,201	146.14	0.00
7.80	0.10	1,236	146.15	0.00
7.90	0.10	1,271	146.15	0.00
8.00	0.10	1,307	146.16	0.00
8.10	0.10	1,344	146.16	0.00
8.20	0.10	1,381	146.16	0.00
8.30	0.11	1,419	146.17	0.00
8.40	0.11	1,458	146.17	0.00
8.50	0.11	1,498	146.18	0.00
8.60	0.11	1,538	146.18	0.00
8.70	0.11	1,579	146.19	0.00
8.80	0.12	1,620	146.19	0.00
8.90	0.12	1,663	146.20	0.00
9.00	0.12	1,706	146.20	0.00
9.10	0.13	1,751	146.21	0.00
9.20	0.14	1,799	146.21	0.00
9.30	0.14	1,849	146.22	0.00
9.40	0.15	1,902	146.23	0.00
9.50	0.16	1,959	146.23	0.00
9.60	0.17	2,019	146.24	0.00
9.70	0.18	2,084	146.25	0.00
9.80	0.19	2,151	146.25	0.00
9.90	0.20	2,223	146.26	0.00
10.00	0.22	2,299	146.27	0.00
10.10	0.23	2,378	146.28	0.00
10.20	0.24	2,462	146.29	0.00
10.30	0.25	2,551	146.30	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,643	146.31	0.00
10.50	0.28	2,741	146.32	0.00
10.60	0.30	2,843	146.33	0.00
10.70	0.33	2,955	146.35	0.00
10.80	0.37	3,081	146.36	0.00
10.90	0.41	3,220	146.38	0.00
11.00	0.45	3,375	146.40	0.00
11.10	0.50	3,547	146.42	0.00
11.20	0.58	3,741	146.44	0.00
11.30	0.66	3,963	146.46	0.00
11.40	0.75	4,215	146.49	0.01
11.50	0.83	4,496	146.52	0.02
11.60	1.02	4,815	146.56	0.03
11.70	1.37	5,232	146.61	0.06
11.80	1.69	5,746	146.66	0.11
11.90	2.34	6,410	146.74	0.18
12.00	3.64	7,376	146.84	0.28
12.10	6.39	9,017	147.02	0.39
12.20	7.95	11,584	147.29	0.52
12.30	4.89	13,686	147.50	0.61
12.40	3.18	14,795	147.62	1.15
12.50	2.36	15,287	147.66	1.53
12.60	1.92	15,478	147.68	1.68
12.70	1.45	15,470	147.68	1.68
12.80	1.26	15,366	147.67	1.59
12.90	1.13	15,241	147.66	1.49
13.00	1.02	15,112	147.65	1.39
13.10	0.92	14,980	147.63	1.29
13.20	0.82	14,847	147.62	1.19
13.30	0.76	14,718	147.61	1.10
13.40	0.70	14,597	147.60	1.02
13.50	0.64	14,482	147.58	0.95
13.60	0.58	14,370	147.57	0.89
13.70	0.53	14,262	147.56	0.83
13.80	0.51	14,160	147.55	0.78
13.90	0.49	14,067	147.54	0.74
14.00	0.48	13,983	147.53	0.70
14.10	0.46	13,906	147.53	0.67
14.20	0.45	13,831	147.52	0.65
14.30	0.43	13,758	147.51	0.63
14.40	0.42	13,687	147.50	0.61
14.50	0.40	13,616	147.50	0.60
14.60	0.39	13,541	147.49	0.60
14.70	0.37	13,463	147.48	0.60
14.80	0.35	13,379	147.47	0.59
14.90	0.34	13,292	147.46	0.59
15.00	0.32	13,199	147.45	0.59
15.10	0.31	13,103	147.44	0.58
15.20	0.30	13,003	147.43	0.58
15.30	0.29	12,901	147.42	0.57
15.40	0.28	12,798	147.41	0.57
15.50	0.28	12,695	147.40	0.57

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	12,593	147.39	0.56
15.70	0.27	12,490	147.38	0.56
15.80	0.27	12,387	147.37	0.55
15.90	0.26	12,284	147.36	0.55
16.00	0.26	12,181	147.35	0.55
16.10	0.26	12,079	147.34	0.54
16.20	0.25	11,976	147.33	0.54
16.30	0.25	11,874	147.32	0.53
16.40	0.24	11,771	147.31	0.53
16.50	0.24	11,669	147.30	0.52
16.60	0.24	11,567	147.29	0.52
16.70	0.23	11,465	147.28	0.52
16.80	0.23	11,363	147.27	0.51
16.90	0.22	11,261	147.26	0.51
17.00	0.22	11,159	147.24	0.50
17.10	0.22	11,058	147.23	0.50
17.20	0.21	10,957	147.22	0.49
17.30	0.21	10,855	147.21	0.49
17.40	0.20	10,754	147.20	0.48
17.50	0.20	10,654	147.19	0.48
17.60	0.20	10,553	147.18	0.47
17.70	0.19	10,453	147.17	0.47
17.80	0.19	10,353	147.16	0.47
17.90	0.18	10,253	147.15	0.46
18.00	0.18	10,153	147.14	0.46
18.10	0.18	10,054	147.13	0.45
18.20	0.17	9,955	147.12	0.45
18.30	0.17	9,857	147.11	0.44
18.40	0.17	9,761	147.10	0.44
18.50	0.17	9,666	147.09	0.43
18.60	0.17	9,572	147.08	0.43
18.70	0.17	9,480	147.07	0.42
18.80	0.16	9,389	147.06	0.42
18.90	0.16	9,299	147.05	0.41
19.00	0.16	9,211	147.04	0.41
19.10	0.16	9,125	147.03	0.40
19.20	0.16	9,039	147.02	0.40
19.30	0.16	8,955	147.01	0.39
19.40	0.16	8,873	147.00	0.39
19.50	0.16	8,792	146.99	0.38
19.60	0.16	8,712	146.99	0.38
19.70	0.16	8,634	146.98	0.37
19.80	0.15	8,557	146.97	0.37
19.90	0.15	8,482	146.96	0.36
20.00	0.15	8,408	146.95	0.36
20.10	0.15	8,335	146.95	0.35
20.20	0.15	8,264	146.94	0.35
20.30	0.15	8,193	146.93	0.34
20.40	0.15	8,125	146.92	0.34
20.50	0.15	8,057	146.92	0.33
20.60	0.15	7,991	146.91	0.33
20.70	0.15	7,926	146.90	0.32

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	7,863	146.89	0.32
20.90	0.14	7,801	146.89	0.31
21.00	0.14	7,740	146.88	0.31
21.10	0.14	7,680	146.88	0.31
21.20	0.14	7,621	146.87	0.30
21.30	0.14	7,564	146.86	0.30
21.40	0.14	7,508	146.86	0.29
21.50	0.14	7,453	146.85	0.29
21.60	0.14	7,399	146.84	0.29
21.70	0.14	7,345	146.84	0.28
21.80	0.13	7,294	146.83	0.28
21.90	0.13	7,243	146.83	0.27
22.00	0.13	7,194	146.82	0.27
22.10	0.13	7,147	146.82	0.26
22.20	0.13	7,100	146.81	0.26
22.30	0.13	7,055	146.81	0.25
22.40	0.13	7,011	146.80	0.25
22.50	0.13	6,968	146.80	0.24
22.60	0.13	6,927	146.79	0.24
22.70	0.13	6,887	146.79	0.24
22.80	0.12	6,848	146.78	0.23
22.90	0.12	6,810	146.78	0.23
23.00	0.12	6,773	146.78	0.22
23.10	0.12	6,737	146.77	0.22
23.20	0.12	6,702	146.77	0.21
23.30	0.12	6,668	146.76	0.21
23.40	0.12	6,636	146.76	0.21
23.50	0.12	6,604	146.76	0.20
23.60	0.12	6,573	146.75	0.20
23.70	0.11	6,543	146.75	0.20
23.80	0.11	6,513	146.75	0.19
23.90	0.11	6,485	146.74	0.19
24.00	0.12	6,458	146.74	0.19
24.10	0.10	6,432	146.74	0.18
24.20	0.03	6,389	146.73	0.18
24.30	0.01	6,331	146.73	0.17
24.40	0.00	6,271	146.72	0.17
24.50	0.00	6,212	146.71	0.16
24.60	0.00	6,156	146.71	0.15
24.70	0.00	6,102	146.70	0.15
24.80	0.00	6,049	146.70	0.14
24.90	0.00	5,999	146.69	0.14
25.00	0.00	5,951	146.69	0.13
25.10	0.00	5,905	146.68	0.13
25.20	0.00	5,860	146.68	0.12
25.30	0.00	5,817	146.67	0.12
25.40	0.00	5,775	146.67	0.11
25.50	0.00	5,735	146.66	0.11
25.60	0.00	5,696	146.66	0.11
25.70	0.00	5,659	146.65	0.10
25.80	0.00	5,623	146.65	0.10
25.90	0.00	5,588	146.65	0.09

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,555	146.64	0.09
26.10	0.00	5,523	146.64	0.09
26.20	0.00	5,491	146.63	0.09
26.30	0.00	5,461	146.63	0.08
26.40	0.00	5,432	146.63	0.08
26.50	0.00	5,403	146.62	0.08
26.60	0.00	5,376	146.62	0.08
26.70	0.00	5,349	146.62	0.07
26.80	0.00	5,323	146.62	0.07
26.90	0.00	5,298	146.61	0.07
27.00	0.00	5,274	146.61	0.07
27.10	0.00	5,251	146.61	0.06
27.20	0.00	5,228	146.61	0.06
27.30	0.00	5,206	146.60	0.06
27.40	0.00	5,184	146.60	0.06
27.50	0.00	5,164	146.60	0.06
27.60	0.00	5,143	146.60	0.06
27.70	0.00	5,124	146.59	0.05
27.80	0.00	5,104	146.59	0.05
27.90	0.00	5,086	146.59	0.05
28.00	0.00	5,068	146.59	0.05
28.10	0.00	5,050	146.59	0.05
28.20	0.00	5,033	146.58	0.05
28.30	0.00	5,016	146.58	0.05
28.40	0.00	5,000	146.58	0.04
28.50	0.00	4,984	146.58	0.04
28.60	0.00	4,968	146.58	0.04
28.70	0.00	4,953	146.57	0.04
28.80	0.00	4,938	146.57	0.04
28.90	0.00	4,924	146.57	0.04
29.00	0.00	4,910	146.57	0.04
29.10	0.00	4,897	146.57	0.04
29.20	0.00	4,883	146.57	0.04
29.30	0.00	4,870	146.57	0.04
29.40	0.00	4,858	146.56	0.03
29.50	0.00	4,845	146.56	0.03
29.60	0.00	4,833	146.56	0.03
29.70	0.00	4,821	146.56	0.03
29.80	0.00	4,809	146.56	0.03
29.90	0.00	4,798	146.56	0.03
30.00	0.00	4,787	146.56	0.03
30.10	0.00	4,776	146.55	0.03
30.20	0.00	4,765	146.55	0.03
30.30	0.00	4,755	146.55	0.03
30.40	0.00	4,744	146.55	0.03
30.50	0.00	4,734	146.55	0.03
30.60	0.00	4,725	146.55	0.03
30.70	0.00	4,715	146.55	0.03
30.80	0.00	4,706	146.55	0.03
30.90	0.00	4,697	146.55	0.03
31.00	0.00	4,688	146.54	0.02
31.10	0.00	4,679	146.54	0.02

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,670	146.54	0.02
31.30	0.00	4,662	146.54	0.02
31.40	0.00	4,654	146.54	0.02
31.50	0.00	4,646	146.54	0.02
31.60	0.00	4,638	146.54	0.02
31.70	0.00	4,630	146.54	0.02
31.80	0.00	4,622	146.54	0.02
31.90	0.00	4,615	146.54	0.02
32.00	0.00	4,607	146.54	0.02
32.10	0.00	4,600	146.53	0.02
32.20	0.00	4,593	146.53	0.02
32.30	0.00	4,586	146.53	0.02
32.40	0.00	4,579	146.53	0.02
32.50	0.00	4,572	146.53	0.02
32.60	0.00	4,565	146.53	0.02
32.70	0.00	4,559	146.53	0.02
32.80	0.00	4,552	146.53	0.02
32.90	0.00	4,546	146.53	0.02
33.00	0.00	4,540	146.53	0.02
33.10	0.00	4,533	146.53	0.02
33.20	0.00	4,527	146.53	0.02
33.30	0.00	4,521	146.53	0.02
33.40	0.00	4,516	146.53	0.02
33.50	0.00	4,510	146.52	0.02
33.60	0.00	4,504	146.52	0.02
33.70	0.00	4,498	146.52	0.02
33.80	0.00	4,493	146.52	0.02
33.90	0.00	4,488	146.52	0.01
34.00	0.00	4,482	146.52	0.01
34.10	0.00	4,477	146.52	0.01
34.20	0.00	4,472	146.52	0.01
34.30	0.00	4,467	146.52	0.01
34.40	0.00	4,462	146.52	0.01
34.50	0.00	4,457	146.52	0.01
34.60	0.00	4,452	146.52	0.01
34.70	0.00	4,447	146.52	0.01
34.80	0.00	4,442	146.52	0.01
34.90	0.00	4,438	146.52	0.01
35.00	0.00	4,433	146.52	0.01
35.10	0.00	4,429	146.52	0.01
35.20	0.00	4,425	146.51	0.01
35.30	0.00	4,420	146.51	0.01
35.40	0.00	4,416	146.51	0.01
35.50	0.00	4,412	146.51	0.01
35.60	0.00	4,408	146.51	0.01
35.70	0.00	4,404	146.51	0.01
35.80	0.00	4,400	146.51	0.01
35.90	0.00	4,396	146.51	0.01
36.00	0.00	4,392	146.51	0.01
36.10	0.00	4,388	146.51	0.01
36.20	0.00	4,384	146.51	0.01
36.30	0.00	4,381	146.51	0.01

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,377	146.51	0.01
36.50	0.00	4,373	146.51	0.01
36.60	0.00	4,370	146.51	0.01
36.70	0.00	4,366	146.51	0.01
36.80	0.00	4,363	146.51	0.01
36.90	0.00	4,360	146.51	0.01
37.00	0.00	4,356	146.51	0.01
37.10	0.00	4,353	146.51	0.01
37.20	0.00	4,349	146.51	0.01
37.30	0.00	4,346	146.51	0.01
37.40	0.00	4,343	146.51	0.01
37.50	0.00	4,340	146.51	0.01
37.60	0.00	4,336	146.51	0.01
37.70	0.00	4,333	146.50	0.01
37.80	0.00	4,330	146.50	0.01
37.90	0.00	4,327	146.50	0.01
38.00	0.00	4,324	146.50	0.01
38.10	0.00	4,321	146.50	0.01
38.20	0.00	4,318	146.50	0.01
38.30	0.00	4,315	146.50	0.01
38.40	0.00	4,312	146.50	0.01
38.50	0.00	4,309	146.50	0.01
38.60	0.00	4,306	146.50	0.01
38.70	0.00	4,303	146.50	0.01
38.80	0.00	4,300	146.50	0.01
38.90	0.00	4,298	146.50	0.01
39.00	0.00	4,295	146.50	0.01
39.10	0.00	4,292	146.50	0.01
39.20	0.00	4,289	146.50	0.01
39.30	0.00	4,287	146.50	0.01
39.40	0.00	4,284	146.50	0.01
39.50	0.00	4,281	146.50	0.01
39.60	0.00	4,279	146.50	0.01
39.70	0.00	4,276	146.50	0.01
39.80	0.00	4,274	146.50	0.01
39.90	0.00	4,271	146.50	0.01
40.00	0.00	4,269	146.50	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 8.38 cfs @ 12.17 hrs, Volume= 0.680 af
 Outflow = 3.52 cfs @ 12.39 hrs, Volume= 0.590 af, Atten= 58%, Lag= 12.8 min
 Primary = 3.52 cfs @ 12.39 hrs, Volume= 0.590 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.32' @ 12.39 hrs Surf.Area= 6,791 sf Storage= 13,305 cf

Plug-Flow detention time= 244.1 min calculated for 0.589 af (87% of inflow)
 Center-of-Mass det. time= 181.5 min (978.0 - 796.4)

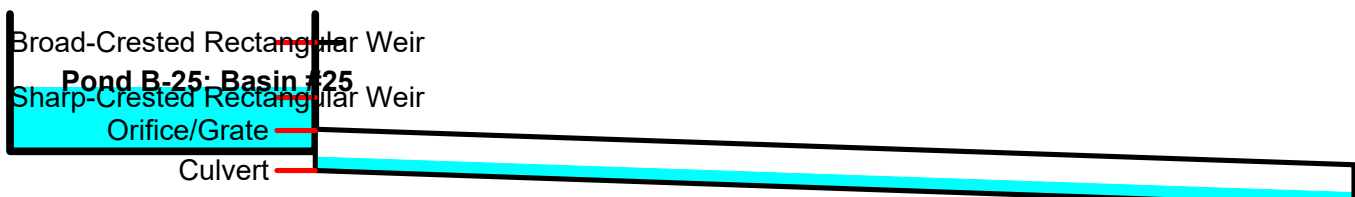
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

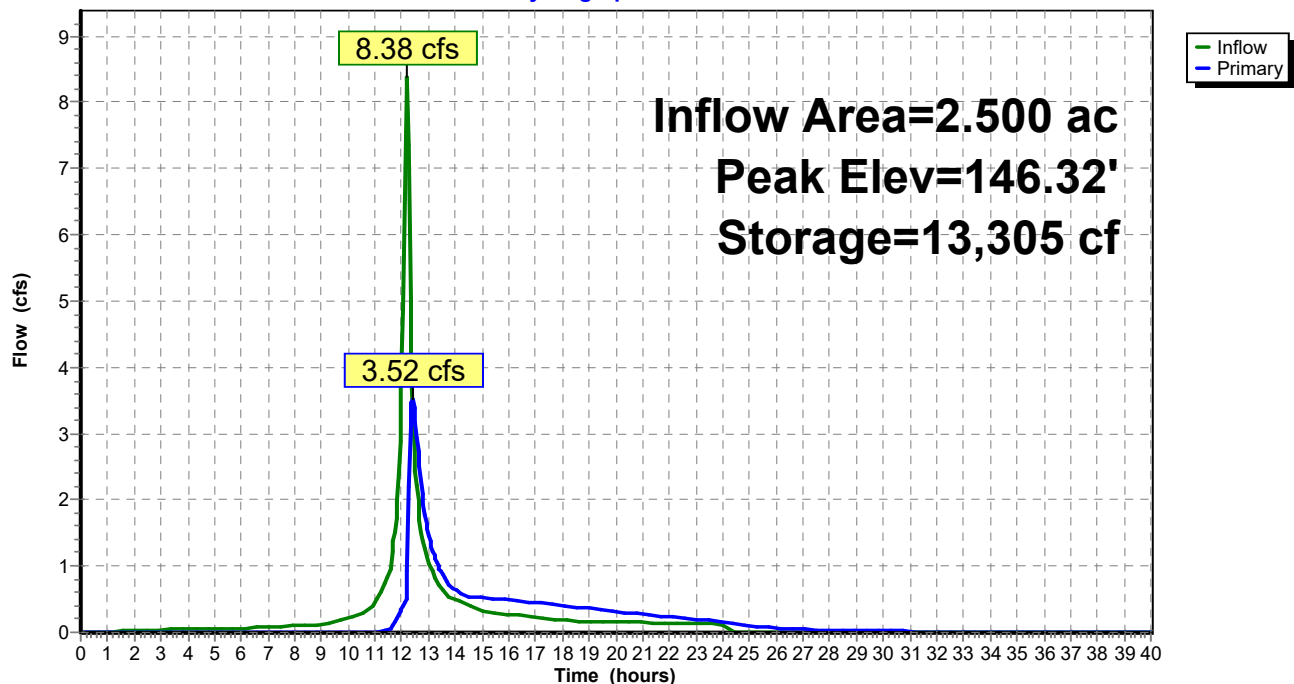
Primary OutFlow Max=3.50 cfs @ 12.39 hrs HW=146.32' (Free Discharge)

1=Culvert (Passes 3.50 cfs of 10.75 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.62 cfs @ 5.66 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.87 cfs @ 1.98 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	1	144.00	0.00
1.10	0.01	2	144.00	0.00
1.20	0.01	4	144.00	0.00
1.30	0.01	8	144.00	0.00
1.40	0.01	11	144.00	0.00
1.50	0.01	16	144.00	0.00
1.60	0.02	21	144.00	0.00
1.70	0.02	27	144.01	0.00
1.80	0.02	34	144.01	0.00
1.90	0.02	41	144.01	0.00
2.00	0.02	49	144.01	0.00
2.10	0.02	58	144.01	0.00
2.20	0.03	67	144.01	0.00
2.30	0.03	76	144.02	0.00
2.40	0.03	86	144.02	0.00
2.50	0.03	97	144.02	0.00
2.60	0.03	108	144.02	0.00
2.70	0.03	119	144.03	0.00
2.80	0.03	131	144.03	0.00
2.90	0.04	143	144.03	0.00
3.00	0.04	156	144.03	0.00
3.10	0.04	169	144.04	0.00
3.20	0.04	183	144.04	0.00
3.30	0.04	197	144.04	0.00
3.40	0.04	211	144.04	0.00
3.50	0.04	226	144.05	0.00
3.60	0.04	241	144.05	0.00
3.70	0.04	257	144.05	0.00
3.80	0.04	273	144.06	0.00
3.90	0.05	289	144.06	0.00
4.00	0.05	305	144.06	0.00
4.10	0.05	322	144.07	0.00
4.20	0.05	339	144.07	0.00
4.30	0.05	357	144.08	0.00
4.40	0.05	375	144.08	0.00
4.50	0.05	393	144.08	0.00
4.60	0.05	411	144.09	0.00
4.70	0.05	430	144.09	0.00
4.80	0.05	449	144.09	0.00
4.90	0.05	468	144.10	0.00
5.00	0.05	487	144.10	0.00
5.10	0.06	507	144.11	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	527	144.11	0.00
5.30	0.06	548	144.12	0.00
5.40	0.06	568	144.12	0.00
5.50	0.06	589	144.12	0.00
5.60	0.06	610	144.13	0.00
5.70	0.06	632	144.13	0.00
5.80	0.06	653	144.14	0.00
5.90	0.06	675	144.14	0.00
6.00	0.06	697	144.15	0.00
6.10	0.06	719	144.15	0.00
6.20	0.06	742	144.16	0.00
6.30	0.07	766	144.16	0.00
6.40	0.07	790	144.17	0.00
6.50	0.07	815	144.17	0.00
6.60	0.07	840	144.18	0.00
6.70	0.07	866	144.18	0.00
6.80	0.08	893	144.19	0.00
6.90	0.08	920	144.19	0.00
7.00	0.08	948	144.20	0.00
7.10	0.08	977	144.20	0.00
7.20	0.08	1,007	144.21	0.00
7.30	0.08	1,037	144.22	0.00
7.40	0.09	1,068	144.22	0.00
7.50	0.09	1,099	144.23	0.00
7.60	0.09	1,131	144.24	0.00
7.70	0.09	1,164	144.24	0.00
7.80	0.09	1,198	144.25	0.00
7.90	0.10	1,232	144.26	0.00
8.00	0.10	1,267	144.26	0.00
8.10	0.10	1,302	144.27	0.00
8.20	0.10	1,338	144.28	0.00
8.30	0.10	1,375	144.28	0.00
8.40	0.11	1,413	144.29	0.00
8.50	0.11	1,451	144.30	0.00
8.60	0.11	1,490	144.31	0.00
8.70	0.11	1,530	144.32	0.00
8.80	0.11	1,570	144.32	0.00
8.90	0.12	1,611	144.33	0.00
9.00	0.12	1,653	144.34	0.00
9.10	0.12	1,697	144.35	0.00
9.20	0.13	1,743	144.36	0.00
9.30	0.14	1,792	144.37	0.00
9.40	0.15	1,844	144.38	0.00
9.50	0.16	1,900	144.39	0.00
9.60	0.17	1,959	144.40	0.00
9.70	0.18	2,022	144.41	0.00
9.80	0.19	2,088	144.43	0.00
9.90	0.20	2,159	144.44	0.00
10.00	0.21	2,233	144.46	0.00
10.10	0.22	2,312	144.47	0.00
10.20	0.24	2,395	144.49	0.00
10.30	0.25	2,482	144.50	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,574	144.52	0.00
10.50	0.27	2,670	144.54	0.00
10.60	0.29	2,772	144.56	0.00
10.70	0.33	2,883	144.58	0.00
10.80	0.37	3,008	144.61	0.00
10.90	0.41	3,147	144.63	0.00
11.00	0.45	3,302	144.66	0.00
11.10	0.50	3,473	144.69	0.00
11.20	0.58	3,668	144.73	0.00
11.30	0.66	3,891	144.77	0.00
11.40	0.75	4,142	144.82	0.01
11.50	0.84	4,419	144.87	0.04
11.60	1.03	4,730	144.93	0.07
11.70	1.38	5,131	145.00	0.13
11.80	1.71	5,623	145.09	0.20
11.90	2.37	6,263	145.20	0.27
12.00	3.71	7,218	145.36	0.35
12.10	6.53	8,874	145.64	0.44
12.20	8.14	11,454	146.04	0.93
12.30	5.01	13,059	146.28	3.10
12.40	3.26	13,302	146.32	3.51
12.50	2.42	13,100	146.29	3.17
12.60	1.97	12,833	146.25	2.73
12.70	1.50	12,548	146.21	2.29
12.80	1.29	12,291	146.17	1.92
12.90	1.17	12,093	146.14	1.65
13.00	1.05	11,934	146.12	1.45
13.10	0.94	11,801	146.09	1.29
13.20	0.85	11,682	146.08	1.16
13.30	0.78	11,576	146.06	1.05
13.40	0.72	11,486	146.05	0.95
13.50	0.66	11,402	146.03	0.88
13.60	0.60	11,322	146.02	0.81
13.70	0.55	11,246	146.01	0.75
13.80	0.52	11,179	146.00	0.69
13.90	0.51	11,120	145.99	0.66
14.00	0.49	11,065	145.98	0.64
14.10	0.47	11,014	145.97	0.61
14.20	0.46	10,966	145.97	0.59
14.30	0.44	10,921	145.96	0.57
14.40	0.43	10,878	145.95	0.55
14.50	0.41	10,836	145.95	0.53
14.60	0.40	10,790	145.94	0.53
14.70	0.38	10,739	145.93	0.53
14.80	0.37	10,683	145.92	0.53
14.90	0.35	10,622	145.91	0.53
15.00	0.33	10,556	145.90	0.52
15.10	0.32	10,486	145.89	0.52
15.20	0.31	10,412	145.88	0.52
15.30	0.30	10,335	145.87	0.51
15.40	0.29	10,258	145.86	0.51
15.50	0.29	10,180	145.84	0.51

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	10,102	145.83	0.50
15.70	0.28	10,023	145.82	0.50
15.80	0.28	9,945	145.81	0.50
15.90	0.27	9,866	145.79	0.49
16.00	0.27	9,787	145.78	0.49
16.10	0.26	9,708	145.77	0.48
16.20	0.26	9,629	145.76	0.48
16.30	0.26	9,549	145.74	0.48
16.40	0.25	9,470	145.73	0.47
16.50	0.25	9,390	145.72	0.47
16.60	0.24	9,310	145.71	0.47
16.70	0.24	9,230	145.69	0.46
16.80	0.24	9,150	145.68	0.46
16.90	0.23	9,070	145.67	0.45
17.00	0.23	8,990	145.65	0.45
17.10	0.22	8,910	145.64	0.45
17.20	0.22	8,829	145.63	0.44
17.30	0.21	8,749	145.62	0.44
17.40	0.21	8,669	145.60	0.43
17.50	0.21	8,588	145.59	0.43
17.60	0.20	8,508	145.58	0.42
17.70	0.20	8,428	145.56	0.42
17.80	0.19	8,348	145.55	0.42
17.90	0.19	8,268	145.54	0.41
18.00	0.18	8,188	145.52	0.41
18.10	0.18	8,108	145.51	0.40
18.20	0.18	8,029	145.50	0.40
18.30	0.18	7,950	145.48	0.39
18.40	0.17	7,872	145.47	0.39
18.50	0.17	7,796	145.46	0.38
18.60	0.17	7,720	145.45	0.38
18.70	0.17	7,647	145.43	0.37
18.80	0.17	7,574	145.42	0.37
18.90	0.17	7,503	145.41	0.37
19.00	0.17	7,433	145.40	0.36
19.10	0.17	7,364	145.39	0.36
19.20	0.17	7,297	145.37	0.35
19.30	0.16	7,231	145.36	0.35
19.40	0.16	7,166	145.35	0.34
19.50	0.16	7,102	145.34	0.34
19.60	0.16	7,040	145.33	0.33
19.70	0.16	6,978	145.32	0.33
19.80	0.16	6,918	145.31	0.32
19.90	0.16	6,860	145.30	0.32
20.00	0.16	6,802	145.29	0.32
20.10	0.16	6,746	145.28	0.31
20.20	0.16	6,691	145.27	0.31
20.30	0.15	6,637	145.26	0.30
20.40	0.15	6,584	145.25	0.30
20.50	0.15	6,532	145.24	0.29
20.60	0.15	6,482	145.24	0.29
20.70	0.15	6,432	145.23	0.29

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	6,384	145.22	0.28
20.90	0.15	6,337	145.21	0.28
21.00	0.15	6,291	145.20	0.27
21.10	0.15	6,246	145.19	0.27
21.20	0.14	6,202	145.19	0.27
21.30	0.14	6,159	145.18	0.26
21.40	0.14	6,118	145.17	0.26
21.50	0.14	6,077	145.17	0.25
21.60	0.14	6,037	145.16	0.25
21.70	0.14	5,998	145.15	0.25
21.80	0.14	5,961	145.14	0.24
21.90	0.14	5,924	145.14	0.24
22.00	0.14	5,888	145.13	0.23
22.10	0.14	5,853	145.13	0.23
22.20	0.13	5,819	145.12	0.23
22.30	0.13	5,786	145.11	0.22
22.40	0.13	5,754	145.11	0.22
22.50	0.13	5,722	145.10	0.22
22.60	0.13	5,691	145.10	0.21
22.70	0.13	5,662	145.09	0.21
22.80	0.13	5,633	145.09	0.21
22.90	0.13	5,605	145.08	0.20
23.00	0.13	5,579	145.08	0.20
23.10	0.12	5,553	145.07	0.19
23.20	0.12	5,528	145.07	0.19
23.30	0.12	5,504	145.06	0.19
23.40	0.12	5,481	145.06	0.18
23.50	0.12	5,459	145.06	0.18
23.60	0.12	5,437	145.05	0.18
23.70	0.12	5,416	145.05	0.18
23.80	0.12	5,396	145.05	0.17
23.90	0.12	5,376	145.04	0.17
24.00	0.12	5,358	145.04	0.17
24.10	0.10	5,341	145.04	0.16
24.20	0.03	5,306	145.03	0.16
24.30	0.01	5,256	145.02	0.15
24.40	0.00	5,205	145.01	0.14
24.50	0.00	5,155	145.00	0.14
24.60	0.00	5,108	144.99	0.13
24.70	0.00	5,063	144.99	0.12
24.80	0.00	5,020	144.98	0.11
24.90	0.00	4,980	144.97	0.11
25.00	0.00	4,942	144.96	0.10
25.10	0.00	4,906	144.96	0.10
25.20	0.00	4,872	144.95	0.09
25.30	0.00	4,840	144.95	0.09
25.40	0.00	4,809	144.94	0.08
25.50	0.00	4,779	144.93	0.08
25.60	0.00	4,751	144.93	0.08
25.70	0.00	4,725	144.92	0.07
25.80	0.00	4,699	144.92	0.07
25.90	0.00	4,675	144.92	0.07

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,652	144.91	0.06
26.10	0.00	4,630	144.91	0.06
26.20	0.00	4,609	144.90	0.06
26.30	0.00	4,589	144.90	0.05
26.40	0.00	4,569	144.90	0.05
26.50	0.00	4,551	144.89	0.05
26.60	0.00	4,533	144.89	0.05
26.70	0.00	4,516	144.89	0.05
26.80	0.00	4,499	144.88	0.04
26.90	0.00	4,484	144.88	0.04
27.00	0.00	4,468	144.88	0.04
27.10	0.00	4,454	144.88	0.04
27.20	0.00	4,439	144.87	0.04
27.30	0.00	4,426	144.87	0.04
27.40	0.00	4,413	144.87	0.04
27.50	0.00	4,400	144.87	0.03
27.60	0.00	4,388	144.86	0.03
27.70	0.00	4,376	144.86	0.03
27.80	0.00	4,365	144.86	0.03
27.90	0.00	4,354	144.86	0.03
28.00	0.00	4,344	144.86	0.03
28.10	0.00	4,334	144.85	0.03
28.20	0.00	4,324	144.85	0.03
28.30	0.00	4,315	144.85	0.03
28.40	0.00	4,306	144.85	0.02
28.50	0.00	4,297	144.85	0.02
28.60	0.00	4,288	144.84	0.02
28.70	0.00	4,280	144.84	0.02
28.80	0.00	4,272	144.84	0.02
28.90	0.00	4,264	144.84	0.02
29.00	0.00	4,256	144.84	0.02
29.10	0.00	4,248	144.84	0.02
29.20	0.00	4,241	144.84	0.02
29.30	0.00	4,234	144.83	0.02
29.40	0.00	4,227	144.83	0.02
29.50	0.00	4,220	144.83	0.02
29.60	0.00	4,213	144.83	0.02
29.70	0.00	4,206	144.83	0.02
29.80	0.00	4,200	144.83	0.02
29.90	0.00	4,194	144.83	0.02
30.00	0.00	4,188	144.83	0.02
30.10	0.00	4,182	144.83	0.02
30.20	0.00	4,176	144.82	0.02
30.30	0.00	4,171	144.82	0.02
30.40	0.00	4,165	144.82	0.02
30.50	0.00	4,160	144.82	0.01
30.60	0.00	4,154	144.82	0.01
30.70	0.00	4,149	144.82	0.01
30.80	0.00	4,144	144.82	0.01
30.90	0.00	4,140	144.82	0.01
31.00	0.00	4,135	144.82	0.01
31.10	0.00	4,130	144.82	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,126	144.82	0.01
31.30	0.00	4,121	144.81	0.01
31.40	0.00	4,117	144.81	0.01
31.50	0.00	4,113	144.81	0.01
31.60	0.00	4,109	144.81	0.01
31.70	0.00	4,105	144.81	0.01
31.80	0.00	4,101	144.81	0.01
31.90	0.00	4,097	144.81	0.01
32.00	0.00	4,094	144.81	0.01
32.10	0.00	4,090	144.81	0.01
32.20	0.00	4,086	144.81	0.01
32.30	0.00	4,083	144.81	0.01
32.40	0.00	4,080	144.81	0.01
32.50	0.00	4,076	144.81	0.01
32.60	0.00	4,073	144.81	0.01
32.70	0.00	4,070	144.80	0.01
32.80	0.00	4,067	144.80	0.01
32.90	0.00	4,064	144.80	0.01
33.00	0.00	4,061	144.80	0.01
33.10	0.00	4,059	144.80	0.01
33.20	0.00	4,056	144.80	0.01
33.30	0.00	4,053	144.80	0.01
33.40	0.00	4,051	144.80	0.01
33.50	0.00	4,048	144.80	0.01
33.60	0.00	4,046	144.80	0.01
33.70	0.00	4,043	144.80	0.01
33.80	0.00	4,041	144.80	0.01
33.90	0.00	4,038	144.80	0.01
34.00	0.00	4,036	144.80	0.01
34.10	0.00	4,034	144.80	0.01
34.20	0.00	4,031	144.80	0.01
34.30	0.00	4,029	144.80	0.01
34.40	0.00	4,027	144.80	0.01
34.50	0.00	4,025	144.80	0.01
34.60	0.00	4,022	144.80	0.01
34.70	0.00	4,020	144.80	0.01
34.80	0.00	4,018	144.80	0.01
34.90	0.00	4,016	144.79	0.01
35.00	0.00	4,014	144.79	0.01
35.10	0.00	4,012	144.79	0.01
35.20	0.00	4,010	144.79	0.01
35.30	0.00	4,007	144.79	0.01
35.40	0.00	4,005	144.79	0.01
35.50	0.00	4,003	144.79	0.01
35.60	0.00	4,001	144.79	0.01
35.70	0.00	3,999	144.79	0.01
35.80	0.00	3,997	144.79	0.01
35.90	0.00	3,995	144.79	0.01
36.00	0.00	3,993	144.79	0.01
36.10	0.00	3,991	144.79	0.01
36.20	0.00	3,989	144.79	0.01
36.30	0.00	3,988	144.79	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,986	144.79	0.01
36.50	0.00	3,984	144.79	0.01
36.60	0.00	3,982	144.79	0.01
36.70	0.00	3,980	144.79	0.01
36.80	0.00	3,978	144.79	0.01
36.90	0.00	3,976	144.79	0.00
37.00	0.00	3,975	144.79	0.00
37.10	0.00	3,973	144.79	0.00
37.20	0.00	3,971	144.79	0.00
37.30	0.00	3,969	144.79	0.00
37.40	0.00	3,968	144.79	0.00
37.50	0.00	3,966	144.79	0.00
37.60	0.00	3,964	144.79	0.00
37.70	0.00	3,963	144.78	0.00
37.80	0.00	3,961	144.78	0.00
37.90	0.00	3,959	144.78	0.00
38.00	0.00	3,958	144.78	0.00
38.10	0.00	3,956	144.78	0.00
38.20	0.00	3,954	144.78	0.00
38.30	0.00	3,953	144.78	0.00
38.40	0.00	3,951	144.78	0.00
38.50	0.00	3,950	144.78	0.00
38.60	0.00	3,948	144.78	0.00
38.70	0.00	3,947	144.78	0.00
38.80	0.00	3,945	144.78	0.00
38.90	0.00	3,944	144.78	0.00
39.00	0.00	3,942	144.78	0.00
39.10	0.00	3,941	144.78	0.00
39.20	0.00	3,939	144.78	0.00
39.30	0.00	3,938	144.78	0.00
39.40	0.00	3,936	144.78	0.00
39.50	0.00	3,935	144.78	0.00
39.60	0.00	3,933	144.78	0.00
39.70	0.00	3,932	144.78	0.00
39.80	0.00	3,931	144.78	0.00
39.90	0.00	3,929	144.78	0.00
40.00	0.00	3,928	144.78	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 3.38" for Current 10 yr event
 Inflow = 8.16 cfs @ 12.17 hrs, Volume= 0.667 af
 Outflow = 2.98 cfs @ 12.42 hrs, Volume= 0.552 af, Atten= 64%, Lag= 14.9 min
 Primary = 2.98 cfs @ 12.42 hrs, Volume= 0.552 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.36' @ 12.42 hrs Surf.Area= 6,677 sf Storage= 14,308 cf

Plug-Flow detention time= 439.3 min calculated for 0.552 af (83% of inflow)
 Center-of-Mass det. time= 364.8 min (1,156.5 - 791.7)

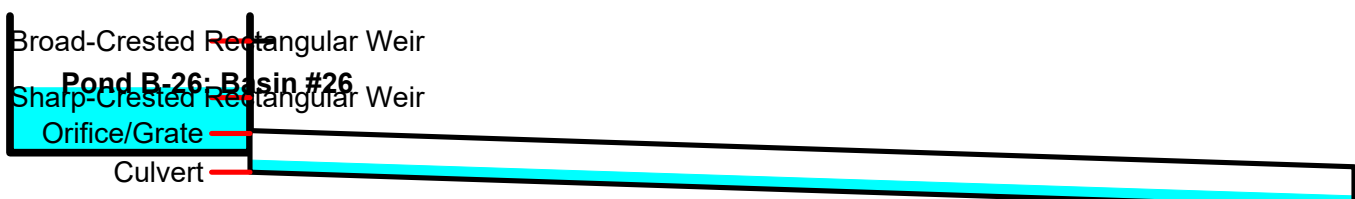
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

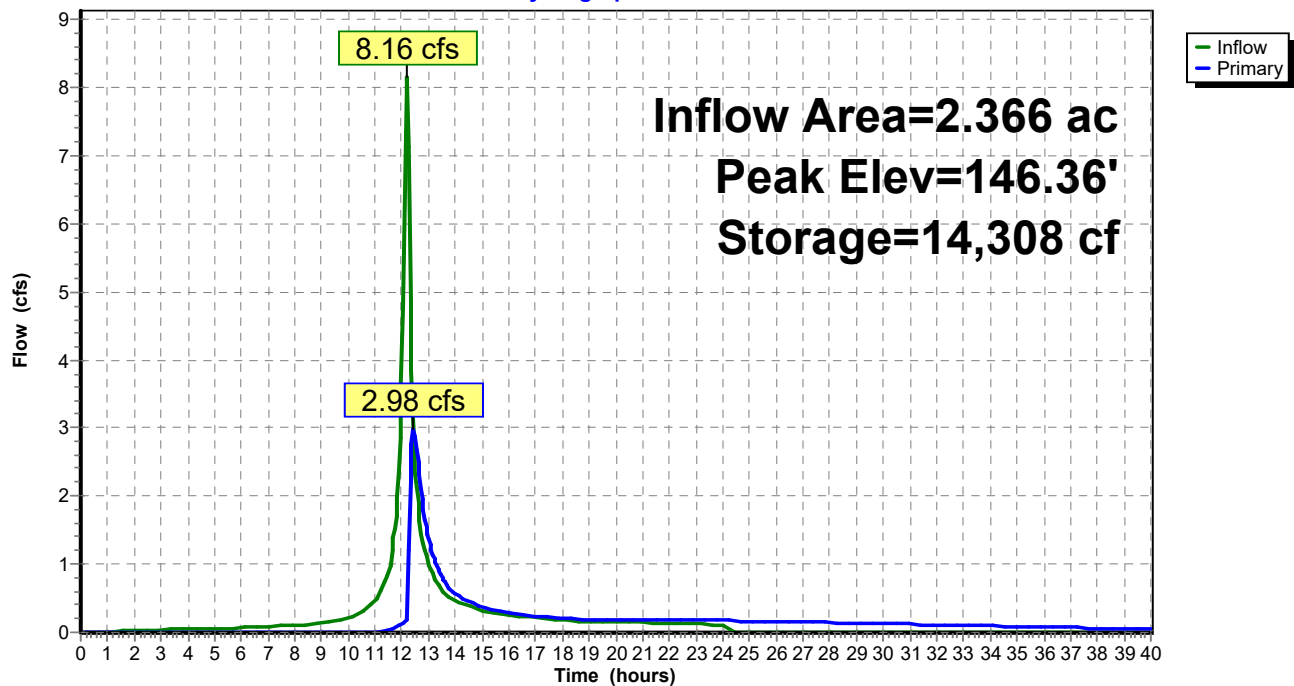
Primary OutFlow Max=2.95 cfs @ 12.42 hrs HW=146.36' (Free Discharge)

- 1=Culvert (Passes 2.95 cfs of 9.97 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 6.00 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 2.74 cfs @ 1.95 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	1	144.00	0.00
1.10	0.01	2	144.00	0.00
1.20	0.01	5	144.00	0.00
1.30	0.01	8	144.00	0.00
1.40	0.01	12	144.00	0.00
1.50	0.01	17	144.00	0.00
1.60	0.02	23	144.00	0.00
1.70	0.02	30	144.01	0.00
1.80	0.02	37	144.01	0.00
1.90	0.02	45	144.01	0.00
2.00	0.02	53	144.01	0.00
2.10	0.03	62	144.01	0.00
2.20	0.03	72	144.01	0.00
2.30	0.03	82	144.01	0.00
2.40	0.03	93	144.02	0.00
2.50	0.03	104	144.02	0.00
2.60	0.03	116	144.02	0.00
2.70	0.04	129	144.02	0.00
2.80	0.04	142	144.03	0.00
2.90	0.04	155	144.03	0.00
3.00	0.04	169	144.03	0.00
3.10	0.04	183	144.03	0.00
3.20	0.04	198	144.04	0.00
3.30	0.04	213	144.04	0.00
3.40	0.04	228	144.04	0.00
3.50	0.04	244	144.04	0.00
3.60	0.05	261	144.05	0.00
3.70	0.05	277	144.05	0.00
3.80	0.05	295	144.05	0.00
3.90	0.05	312	144.06	0.00
4.00	0.05	330	144.06	0.00
4.10	0.05	348	144.06	0.00
4.20	0.05	367	144.07	0.00
4.30	0.05	385	144.07	0.00
4.40	0.05	405	144.07	0.00
4.50	0.05	424	144.08	0.00
4.60	0.06	444	144.08	0.00
4.70	0.06	464	144.08	0.00
4.80	0.06	485	144.09	0.00
4.90	0.06	505	144.09	0.00
5.00	0.06	527	144.10	0.00
5.10	0.06	548	144.10	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	570	144.10	0.00
5.30	0.06	592	144.11	0.00
5.40	0.06	614	144.11	0.00
5.50	0.06	636	144.12	0.00
5.60	0.06	659	144.12	0.00
5.70	0.06	682	144.12	0.00
5.80	0.07	705	144.13	0.00
5.90	0.07	729	144.13	0.00
6.00	0.07	753	144.14	0.00
6.10	0.07	777	144.14	0.00
6.20	0.07	802	144.15	0.00
6.30	0.07	827	144.15	0.00
6.40	0.07	853	144.15	0.00
6.50	0.08	880	144.16	0.00
6.60	0.08	907	144.16	0.00
6.70	0.08	935	144.17	0.00
6.80	0.08	964	144.18	0.00
6.90	0.08	994	144.18	0.00
7.00	0.09	1,024	144.19	0.00
7.10	0.09	1,055	144.19	0.00
7.20	0.09	1,087	144.20	0.00
7.30	0.09	1,120	144.20	0.00
7.40	0.09	1,153	144.21	0.00
7.50	0.10	1,187	144.22	0.00
7.60	0.10	1,222	144.22	0.00
7.70	0.10	1,257	144.23	0.00
7.80	0.10	1,293	144.23	0.00
7.90	0.10	1,330	144.24	0.00
8.00	0.11	1,368	144.25	0.00
8.10	0.11	1,406	144.25	0.00
8.20	0.11	1,446	144.26	0.00
8.30	0.11	1,486	144.27	0.00
8.40	0.11	1,526	144.28	0.00
8.50	0.12	1,567	144.28	0.00
8.60	0.12	1,610	144.29	0.00
8.70	0.12	1,652	144.30	0.00
8.80	0.12	1,696	144.31	0.00
8.90	0.12	1,740	144.31	0.00
9.00	0.13	1,786	144.32	0.00
9.10	0.13	1,833	144.33	0.00
9.20	0.14	1,882	144.34	0.00
9.30	0.15	1,934	144.35	0.00
9.40	0.16	1,990	144.36	0.00
9.50	0.17	2,049	144.37	0.00
9.60	0.18	2,112	144.38	0.00
9.70	0.19	2,178	144.39	0.00
9.80	0.20	2,248	144.40	0.00
9.90	0.21	2,322	144.42	0.00
10.00	0.22	2,400	144.43	0.00
10.10	0.23	2,483	144.45	0.00
10.20	0.25	2,569	144.46	0.00
10.30	0.26	2,660	144.48	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.27	2,755	144.49	0.00
10.50	0.28	2,855	144.51	0.00
10.60	0.30	2,960	144.53	0.00
10.70	0.34	3,075	144.55	0.00
10.80	0.38	3,203	144.57	0.00
10.90	0.42	3,345	144.60	0.00
11.00	0.46	3,503	144.62	0.00
11.10	0.51	3,678	144.65	0.00
11.20	0.59	3,875	144.69	0.00
11.30	0.67	4,101	144.73	0.00
11.40	0.76	4,355	144.77	0.01
11.50	0.84	4,637	144.82	0.02
11.60	1.03	4,957	144.87	0.04
11.70	1.38	5,375	144.94	0.06
11.80	1.70	5,900	145.03	0.08
11.90	2.35	6,588	145.15	0.10
12.00	3.65	7,602	145.31	0.12
12.10	6.38	9,316	145.59	0.15
12.20	7.91	11,980	146.01	0.19
12.30	4.86	13,841	146.29	2.21
12.40	3.16	14,296	146.36	2.96
12.50	2.34	14,219	146.35	2.82
12.60	1.90	14,025	146.32	2.50
12.70	1.44	13,787	146.28	2.12
12.80	1.24	13,565	146.25	1.79
12.90	1.12	13,391	146.22	1.54
13.00	1.01	13,254	146.20	1.36
13.10	0.91	13,138	146.18	1.21
13.20	0.81	13,036	146.17	1.08
13.30	0.75	12,946	146.15	0.98
13.40	0.69	12,868	146.14	0.89
13.50	0.63	12,800	146.13	0.81
13.60	0.57	12,738	146.12	0.75
13.70	0.53	12,677	146.11	0.69
13.80	0.50	12,624	146.10	0.64
13.90	0.49	12,581	146.10	0.59
14.00	0.47	12,545	146.09	0.56
14.10	0.46	12,516	146.09	0.53
14.20	0.44	12,490	146.08	0.51
14.30	0.43	12,468	146.08	0.49
14.40	0.41	12,448	146.08	0.47
14.50	0.40	12,427	146.07	0.45
14.60	0.38	12,406	146.07	0.44
14.70	0.37	12,386	146.07	0.42
14.80	0.35	12,365	146.06	0.41
14.90	0.34	12,344	146.06	0.39
15.00	0.32	12,322	146.06	0.38
15.10	0.31	12,301	146.06	0.36
15.20	0.29	12,280	146.05	0.35
15.30	0.29	12,261	146.05	0.34
15.40	0.28	12,244	146.05	0.32
15.50	0.28	12,230	146.04	0.31

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	12,217	146.04	0.31
15.70	0.27	12,206	146.04	0.30
15.80	0.27	12,197	146.04	0.29
15.90	0.26	12,188	146.04	0.29
16.00	0.26	12,180	146.04	0.28
16.10	0.25	12,172	146.04	0.27
16.20	0.25	12,165	146.03	0.27
16.30	0.25	12,159	146.03	0.26
16.40	0.24	12,152	146.03	0.26
16.50	0.24	12,146	146.03	0.26
16.60	0.23	12,139	146.03	0.25
16.70	0.23	12,133	146.03	0.25
16.80	0.23	12,127	146.03	0.25
16.90	0.22	12,120	146.03	0.24
17.00	0.22	12,112	146.03	0.24
17.10	0.21	12,104	146.02	0.24
17.20	0.21	12,096	146.02	0.23
17.30	0.21	12,087	146.02	0.23
17.40	0.20	12,077	146.02	0.23
17.50	0.20	12,068	146.02	0.22
17.60	0.19	12,058	146.02	0.22
17.70	0.19	12,049	146.02	0.22
17.80	0.19	12,039	146.01	0.21
17.90	0.18	12,028	146.01	0.21
18.00	0.18	12,018	146.01	0.21
18.10	0.17	12,007	146.01	0.20
18.20	0.17	11,997	146.01	0.20
18.30	0.17	11,987	146.01	0.20
18.40	0.17	11,977	146.01	0.19
18.50	0.17	11,969	146.00	0.19
18.60	0.16	11,961	146.00	0.19
18.70	0.16	11,954	146.00	0.18
18.80	0.16	11,947	146.00	0.18
18.90	0.16	11,941	146.00	0.18
19.00	0.16	11,934	146.00	0.18
19.10	0.16	11,927	146.00	0.18
19.20	0.16	11,920	146.00	0.18
19.30	0.16	11,913	146.00	0.18
19.40	0.16	11,905	145.99	0.18
19.50	0.16	11,897	145.99	0.18
19.60	0.15	11,888	145.99	0.18
19.70	0.15	11,879	145.99	0.18
19.80	0.15	11,870	145.99	0.18
19.90	0.15	11,861	145.99	0.18
20.00	0.15	11,851	145.99	0.18
20.10	0.15	11,841	145.98	0.18
20.20	0.15	11,831	145.98	0.18
20.30	0.15	11,820	145.98	0.18
20.40	0.15	11,809	145.98	0.18
20.50	0.15	11,798	145.98	0.18
20.60	0.14	11,786	145.98	0.18
20.70	0.14	11,774	145.97	0.18

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	11,762	145.97	0.18
20.90	0.14	11,749	145.97	0.18
21.00	0.14	11,736	145.97	0.18
21.10	0.14	11,723	145.97	0.18
21.20	0.14	11,710	145.96	0.18
21.30	0.14	11,696	145.96	0.18
21.40	0.14	11,682	145.96	0.18
21.50	0.14	11,667	145.96	0.18
21.60	0.13	11,652	145.96	0.18
21.70	0.13	11,637	145.95	0.18
21.80	0.13	11,622	145.95	0.18
21.90	0.13	11,606	145.95	0.18
22.00	0.13	11,591	145.95	0.18
22.10	0.13	11,574	145.94	0.18
22.20	0.13	11,558	145.94	0.17
22.30	0.13	11,541	145.94	0.17
22.40	0.13	11,524	145.94	0.17
22.50	0.13	11,506	145.93	0.17
22.60	0.12	11,488	145.93	0.17
22.70	0.12	11,471	145.93	0.17
22.80	0.12	11,452	145.92	0.17
22.90	0.12	11,434	145.92	0.17
23.00	0.12	11,415	145.92	0.17
23.10	0.12	11,395	145.92	0.17
23.20	0.12	11,376	145.91	0.17
23.30	0.12	11,356	145.91	0.17
23.40	0.12	11,336	145.91	0.17
23.50	0.12	11,316	145.90	0.17
23.60	0.11	11,295	145.90	0.17
23.70	0.11	11,274	145.90	0.17
23.80	0.11	11,253	145.89	0.17
23.90	0.11	11,232	145.89	0.17
24.00	0.12	11,211	145.89	0.17
24.10	0.10	11,190	145.88	0.17
24.20	0.03	11,151	145.88	0.17
24.30	0.01	11,095	145.87	0.17
24.40	0.00	11,036	145.86	0.17
24.50	0.00	10,975	145.85	0.17
24.60	0.00	10,915	145.84	0.17
24.70	0.00	10,855	145.83	0.17
24.80	0.00	10,795	145.82	0.17
24.90	0.00	10,736	145.81	0.16
25.00	0.00	10,677	145.80	0.16
25.10	0.00	10,618	145.79	0.16
25.20	0.00	10,559	145.78	0.16
25.30	0.00	10,501	145.78	0.16
25.40	0.00	10,443	145.77	0.16
25.50	0.00	10,385	145.76	0.16
25.60	0.00	10,327	145.75	0.16
25.70	0.00	10,270	145.74	0.16
25.80	0.00	10,213	145.73	0.16
25.90	0.00	10,156	145.72	0.16

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,100	145.71	0.16
26.10	0.00	10,044	145.70	0.16
26.20	0.00	9,988	145.69	0.15
26.30	0.00	9,932	145.69	0.15
26.40	0.00	9,877	145.68	0.15
26.50	0.00	9,822	145.67	0.15
26.60	0.00	9,767	145.66	0.15
26.70	0.00	9,712	145.65	0.15
26.80	0.00	9,658	145.64	0.15
26.90	0.00	9,604	145.63	0.15
27.00	0.00	9,550	145.63	0.15
27.10	0.00	9,497	145.62	0.15
27.20	0.00	9,444	145.61	0.15
27.30	0.00	9,391	145.60	0.15
27.40	0.00	9,339	145.59	0.15
27.50	0.00	9,286	145.58	0.14
27.60	0.00	9,234	145.58	0.14
27.70	0.00	9,182	145.57	0.14
27.80	0.00	9,131	145.56	0.14
27.90	0.00	9,080	145.55	0.14
28.00	0.00	9,029	145.54	0.14
28.10	0.00	8,978	145.53	0.14
28.20	0.00	8,928	145.53	0.14
28.30	0.00	8,878	145.52	0.14
28.40	0.00	8,828	145.51	0.14
28.50	0.00	8,779	145.50	0.14
28.60	0.00	8,729	145.49	0.14
28.70	0.00	8,680	145.49	0.14
28.80	0.00	8,632	145.48	0.13
28.90	0.00	8,583	145.47	0.13
29.00	0.00	8,535	145.46	0.13
29.10	0.00	8,487	145.46	0.13
29.20	0.00	8,440	145.45	0.13
29.30	0.00	8,393	145.44	0.13
29.40	0.00	8,346	145.43	0.13
29.50	0.00	8,299	145.42	0.13
29.60	0.00	8,253	145.42	0.13
29.70	0.00	8,206	145.41	0.13
29.80	0.00	8,161	145.40	0.13
29.90	0.00	8,115	145.40	0.13
30.00	0.00	8,070	145.39	0.13
30.10	0.00	8,025	145.38	0.12
30.20	0.00	7,980	145.37	0.12
30.30	0.00	7,936	145.37	0.12
30.40	0.00	7,892	145.36	0.12
30.50	0.00	7,848	145.35	0.12
30.60	0.00	7,804	145.34	0.12
30.70	0.00	7,761	145.34	0.12
30.80	0.00	7,718	145.33	0.12
30.90	0.00	7,675	145.32	0.12
31.00	0.00	7,633	145.32	0.12
31.10	0.00	7,590	145.31	0.12

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,549	145.30	0.12
31.30	0.00	7,507	145.30	0.12
31.40	0.00	7,466	145.29	0.11
31.50	0.00	7,425	145.28	0.11
31.60	0.00	7,384	145.28	0.11
31.70	0.00	7,344	145.27	0.11
31.80	0.00	7,303	145.26	0.11
31.90	0.00	7,264	145.26	0.11
32.00	0.00	7,224	145.25	0.11
32.10	0.00	7,185	145.24	0.11
32.20	0.00	7,146	145.24	0.11
32.30	0.00	7,107	145.23	0.11
32.40	0.00	7,068	145.22	0.11
32.50	0.00	7,030	145.22	0.11
32.60	0.00	6,992	145.21	0.10
32.70	0.00	6,955	145.21	0.10
32.80	0.00	6,918	145.20	0.10
32.90	0.00	6,881	145.19	0.10
33.00	0.00	6,844	145.19	0.10
33.10	0.00	6,807	145.18	0.10
33.20	0.00	6,771	145.18	0.10
33.30	0.00	6,736	145.17	0.10
33.40	0.00	6,700	145.16	0.10
33.50	0.00	6,665	145.16	0.10
33.60	0.00	6,630	145.15	0.10
33.70	0.00	6,595	145.15	0.10
33.80	0.00	6,561	145.14	0.10
33.90	0.00	6,526	145.13	0.09
34.00	0.00	6,493	145.13	0.09
34.10	0.00	6,459	145.12	0.09
34.20	0.00	6,426	145.12	0.09
34.30	0.00	6,393	145.11	0.09
34.40	0.00	6,360	145.11	0.09
34.50	0.00	6,328	145.10	0.09
34.60	0.00	6,296	145.10	0.09
34.70	0.00	6,264	145.09	0.09
34.80	0.00	6,233	145.09	0.09
34.90	0.00	6,201	145.08	0.09
35.00	0.00	6,170	145.08	0.09
35.10	0.00	6,140	145.07	0.08
35.20	0.00	6,109	145.07	0.08
35.30	0.00	6,079	145.06	0.08
35.40	0.00	6,050	145.06	0.08
35.50	0.00	6,020	145.05	0.08
35.60	0.00	5,991	145.05	0.08
35.70	0.00	5,962	145.04	0.08
35.80	0.00	5,934	145.04	0.08
35.90	0.00	5,905	145.03	0.08
36.00	0.00	5,877	145.03	0.08
36.10	0.00	5,849	145.02	0.08
36.20	0.00	5,822	145.02	0.08
36.30	0.00	5,795	145.01	0.07

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,768	145.01	0.07
36.50	0.00	5,742	145.00	0.07
36.60	0.00	5,715	145.00	0.07
36.70	0.00	5,689	145.00	0.07
36.80	0.00	5,664	144.99	0.07
36.90	0.00	5,638	144.99	0.07
37.00	0.00	5,613	144.98	0.07
37.10	0.00	5,588	144.98	0.07
37.20	0.00	5,564	144.97	0.07
37.30	0.00	5,540	144.97	0.07
37.40	0.00	5,516	144.97	0.07
37.50	0.00	5,492	144.96	0.07
37.60	0.00	5,469	144.96	0.06
37.70	0.00	5,446	144.95	0.06
37.80	0.00	5,423	144.95	0.06
37.90	0.00	5,401	144.95	0.06
38.00	0.00	5,379	144.94	0.06
38.10	0.00	5,357	144.94	0.06
38.20	0.00	5,335	144.94	0.06
38.30	0.00	5,314	144.93	0.06
38.40	0.00	5,293	144.93	0.06
38.50	0.00	5,272	144.93	0.06
38.60	0.00	5,252	144.92	0.06
38.70	0.00	5,232	144.92	0.06
38.80	0.00	5,212	144.92	0.05
38.90	0.00	5,193	144.91	0.05
39.00	0.00	5,173	144.91	0.05
39.10	0.00	5,155	144.91	0.05
39.20	0.00	5,136	144.90	0.05
39.30	0.00	5,118	144.90	0.05
39.40	0.00	5,099	144.90	0.05
39.50	0.00	5,082	144.89	0.05
39.60	0.00	5,064	144.89	0.05
39.70	0.00	5,047	144.89	0.05
39.80	0.00	5,030	144.88	0.05
39.90	0.00	5,013	144.88	0.05
40.00	0.00	4,997	144.88	0.04

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 4.14" for Current 10 yr event
 Inflow = 8.11 cfs @ 12.17 hrs, Volume= 0.667 af
 Outflow = 5.92 cfs @ 12.27 hrs, Volume= 0.560 af, Atten= 27%, Lag= 5.9 min
 Primary = 5.92 cfs @ 12.27 hrs, Volume= 0.560 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 172.39' @ 12.27 hrs Surf.Area= 3,832 sf Storage= 10,534 cf

Plug-Flow detention time= 156.6 min calculated for 0.560 af (84% of inflow)
 Center-of-Mass det. time= 87.4 min (866.3 - 778.9)

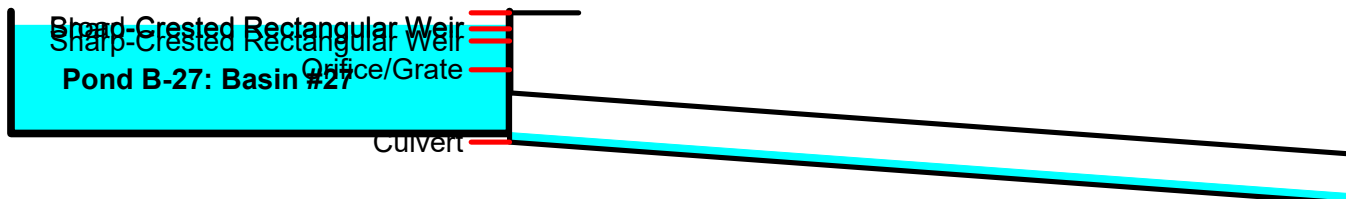
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

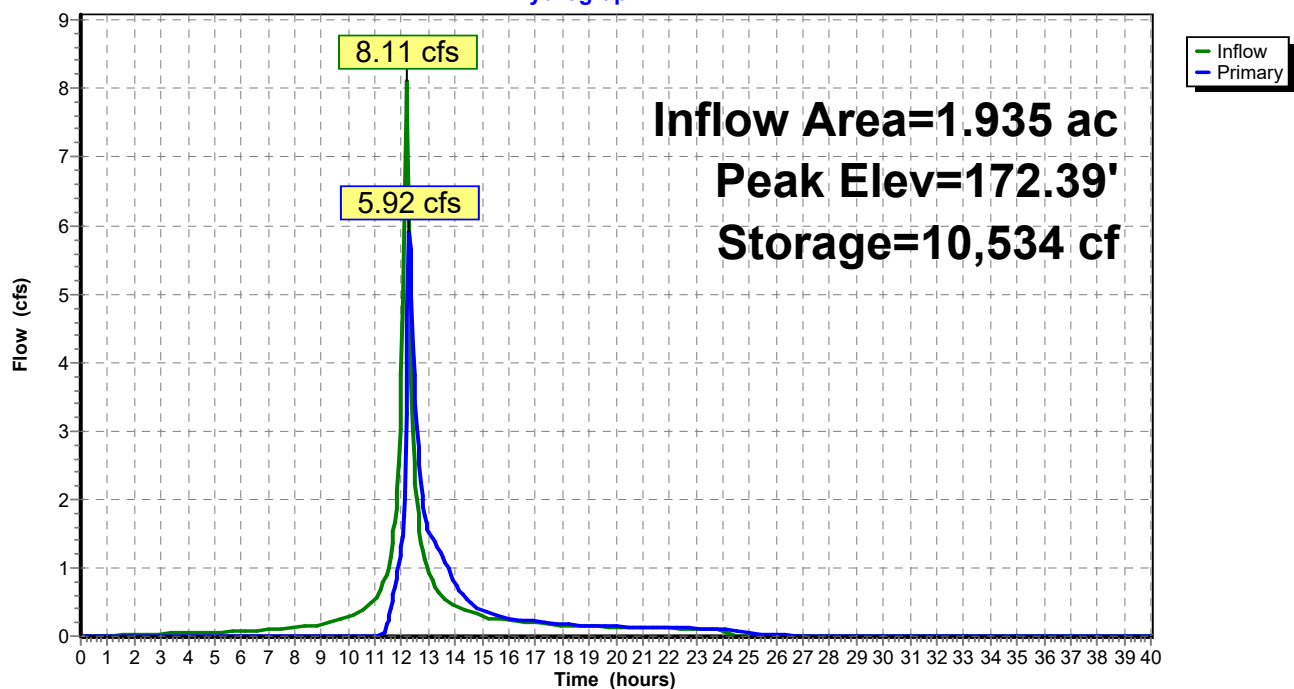
Primary OutFlow Max=5.76 cfs @ 12.27 hrs HW=172.38' (Free Discharge)

1=Culvert (Passes 5.76 cfs of 29.23 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.03 cfs @ 5.82 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.09 cfs @ 2.60 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 0.63 cfs @ 1.20 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	0	168.00	0.00
0.60	0.00	0	168.00	0.00
0.70	0.00	0	168.00	0.00
0.80	0.00	0	168.00	0.00
0.90	0.00	0	168.00	0.00
1.00	0.00	1	168.00	0.00
1.10	0.01	2	168.00	0.00
1.20	0.01	5	168.00	0.00
1.30	0.01	8	168.01	0.00
1.40	0.01	12	168.01	0.00
1.50	0.01	16	168.02	0.00
1.60	0.02	22	168.02	0.00
1.70	0.02	28	168.03	0.00
1.80	0.02	35	168.03	0.00
1.90	0.02	42	168.04	0.00
2.00	0.02	50	168.05	0.00
2.10	0.02	59	168.06	0.00
2.20	0.03	68	168.07	0.00
2.30	0.03	78	168.08	0.00
2.40	0.03	88	168.09	0.00
2.50	0.03	99	168.10	0.00
2.60	0.03	111	168.11	0.00
2.70	0.03	122	168.12	0.00
2.80	0.03	135	168.13	0.00
2.90	0.04	147	168.14	0.00
3.00	0.04	161	168.15	0.00
3.10	0.04	174	168.17	0.00
3.20	0.04	188	168.18	0.00
3.30	0.04	203	168.19	0.00
3.40	0.04	217	168.20	0.00
3.50	0.04	232	168.22	0.00
3.60	0.04	248	168.23	0.00
3.70	0.04	264	168.25	0.00
3.80	0.05	280	168.26	0.00
3.90	0.05	297	168.27	0.00
4.00	0.05	314	168.29	0.00
4.10	0.05	331	168.30	0.00
4.20	0.05	349	168.32	0.00
4.30	0.05	367	168.33	0.00
4.40	0.05	385	168.35	0.00
4.50	0.05	404	168.36	0.00
4.60	0.05	422	168.38	0.00
4.70	0.05	442	168.40	0.00
4.80	0.05	461	168.41	0.00
4.90	0.06	481	168.43	0.00
5.00	0.06	501	168.44	0.00
5.10	0.06	521	168.46	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	542	168.48	0.00
5.30	0.06	563	168.49	0.00
5.40	0.06	585	168.51	0.00
5.50	0.06	607	168.53	0.00
5.60	0.06	629	168.54	0.00
5.70	0.07	652	168.56	0.00
5.80	0.07	676	168.58	0.00
5.90	0.07	701	168.60	0.00
6.00	0.07	725	168.61	0.00
6.10	0.07	751	168.63	0.00
6.20	0.07	777	168.65	0.00
6.30	0.08	804	168.67	0.00
6.40	0.08	832	168.69	0.00
6.50	0.08	861	168.71	0.00
6.60	0.09	892	168.73	0.00
6.70	0.09	923	168.76	0.00
6.80	0.09	956	168.78	0.00
6.90	0.09	989	168.80	0.00
7.00	0.10	1,024	168.82	0.00
7.10	0.10	1,060	168.85	0.00
7.20	0.11	1,097	168.87	0.00
7.30	0.11	1,136	168.90	0.00
7.40	0.11	1,175	168.92	0.00
7.50	0.12	1,216	168.95	0.00
7.60	0.12	1,258	168.98	0.00
7.70	0.12	1,302	169.01	0.00
7.80	0.13	1,346	169.03	0.00
7.90	0.13	1,392	169.06	0.00
8.00	0.13	1,439	169.09	0.00
8.10	0.14	1,488	169.12	0.00
8.20	0.14	1,538	169.15	0.00
8.30	0.14	1,589	169.18	0.00
8.40	0.15	1,642	169.21	0.00
8.50	0.15	1,695	169.24	0.00
8.60	0.16	1,751	169.27	0.00
8.70	0.16	1,808	169.31	0.00
8.80	0.16	1,866	169.34	0.00
8.90	0.17	1,925	169.37	0.00
9.00	0.17	1,986	169.41	0.00
9.10	0.18	2,049	169.44	0.00
9.20	0.19	2,114	169.47	0.00
9.30	0.20	2,183	169.51	0.00
9.40	0.21	2,257	169.55	0.00
9.50	0.22	2,334	169.59	0.00
9.60	0.23	2,415	169.63	0.00
9.70	0.24	2,501	169.67	0.00
9.80	0.26	2,591	169.72	0.00
9.90	0.27	2,686	169.76	0.00
10.00	0.28	2,785	169.81	0.00
10.10	0.29	2,889	169.86	0.00
10.20	0.31	2,998	169.91	0.00
10.30	0.32	3,111	169.96	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,229	170.02	0.00
10.50	0.35	3,352	170.07	0.00
10.60	0.37	3,481	170.13	0.00
10.70	0.41	3,621	170.19	0.00
10.80	0.45	3,775	170.25	0.00
10.90	0.50	3,946	170.32	0.00
11.00	0.55	4,135	170.40	0.00
11.10	0.60	4,341	170.48	0.00
11.20	0.69	4,573	170.57	0.00
11.30	0.77	4,833	170.67	0.02
11.40	0.87	5,106	170.77	0.11
11.50	0.96	5,372	170.86	0.24
11.60	1.16	5,630	170.95	0.40
11.70	1.53	5,936	171.06	0.61
11.80	1.86	6,278	171.17	0.84
11.90	2.51	6,715	171.31	1.05
12.00	3.82	7,405	171.53	1.31
12.10	6.48	8,657	171.89	1.99
12.20	7.82	10,193	172.31	4.70
12.30	4.72	10,462	172.38	5.65
12.40	3.03	10,043	172.27	4.28
12.50	2.22	9,591	172.15	3.42
12.60	1.80	9,205	172.04	2.78
12.70	1.35	8,862	171.95	2.26
12.80	1.17	8,569	171.87	1.89
12.90	1.05	8,333	171.80	1.65
13.00	0.95	8,125	171.74	1.52
13.10	0.85	7,911	171.68	1.46
13.20	0.76	7,685	171.61	1.39
13.30	0.69	7,457	171.54	1.32
13.40	0.64	7,234	171.48	1.25
13.50	0.58	7,018	171.41	1.17
13.60	0.53	6,812	171.34	1.09
13.70	0.49	6,617	171.28	1.01
13.80	0.46	6,439	171.23	0.93
13.90	0.45	6,284	171.17	0.84
14.00	0.43	6,154	171.13	0.76
14.10	0.42	6,047	171.10	0.69
14.20	0.41	5,959	171.07	0.63
14.30	0.39	5,886	171.04	0.58
14.40	0.38	5,825	171.02	0.53
14.50	0.36	5,772	171.00	0.50
14.60	0.35	5,727	170.99	0.47
14.70	0.34	5,688	170.97	0.44
14.80	0.32	5,652	170.96	0.42
14.90	0.31	5,620	170.95	0.39
15.00	0.29	5,589	170.94	0.37
15.10	0.28	5,561	170.93	0.36
15.20	0.27	5,534	170.92	0.34
15.30	0.26	5,510	170.91	0.32
15.40	0.26	5,489	170.91	0.31
15.50	0.25	5,472	170.90	0.30

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.25	5,456	170.89	0.29
15.70	0.25	5,442	170.89	0.28
15.80	0.24	5,430	170.88	0.27
15.90	0.24	5,419	170.88	0.27
16.00	0.24	5,409	170.88	0.26
16.10	0.23	5,399	170.87	0.26
16.20	0.23	5,391	170.87	0.25
16.30	0.22	5,382	170.87	0.25
16.40	0.22	5,374	170.86	0.24
16.50	0.22	5,367	170.86	0.24
16.60	0.21	5,359	170.86	0.23
16.70	0.21	5,351	170.86	0.23
16.80	0.21	5,344	170.85	0.23
16.90	0.20	5,337	170.85	0.22
17.00	0.20	5,329	170.85	0.22
17.10	0.19	5,322	170.85	0.21
17.20	0.19	5,315	170.84	0.21
17.30	0.19	5,308	170.84	0.21
17.40	0.18	5,301	170.84	0.20
17.50	0.18	5,294	170.84	0.20
17.60	0.18	5,287	170.83	0.19
17.70	0.17	5,280	170.83	0.19
17.80	0.17	5,273	170.83	0.19
17.90	0.16	5,266	170.83	0.18
18.00	0.16	5,260	170.82	0.18
18.10	0.16	5,253	170.82	0.18
18.20	0.15	5,246	170.82	0.17
18.30	0.15	5,239	170.82	0.17
18.40	0.15	5,233	170.81	0.17
18.50	0.15	5,228	170.81	0.16
18.60	0.15	5,223	170.81	0.16
18.70	0.15	5,218	170.81	0.16
18.80	0.15	5,214	170.81	0.16
18.90	0.15	5,211	170.81	0.16
19.00	0.15	5,207	170.80	0.15
19.10	0.14	5,204	170.80	0.15
19.20	0.14	5,201	170.80	0.15
19.30	0.14	5,198	170.80	0.15
19.40	0.14	5,195	170.80	0.15
19.50	0.14	5,192	170.80	0.15
19.60	0.14	5,190	170.80	0.15
19.70	0.14	5,187	170.80	0.15
19.80	0.14	5,185	170.80	0.14
19.90	0.14	5,183	170.80	0.14
20.00	0.14	5,181	170.80	0.14
20.10	0.14	5,179	170.79	0.14
20.20	0.13	5,176	170.79	0.14
20.30	0.13	5,174	170.79	0.14
20.40	0.13	5,172	170.79	0.14
20.50	0.13	5,170	170.79	0.14
20.60	0.13	5,168	170.79	0.14
20.70	0.13	5,166	170.79	0.14

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	5,164	170.79	0.13
20.90	0.13	5,162	170.79	0.13
21.00	0.13	5,160	170.79	0.13
21.10	0.13	5,157	170.79	0.13
21.20	0.12	5,155	170.79	0.13
21.30	0.12	5,153	170.79	0.13
21.40	0.12	5,151	170.78	0.13
21.50	0.12	5,149	170.78	0.13
21.60	0.12	5,147	170.78	0.13
21.70	0.12	5,145	170.78	0.13
21.80	0.12	5,143	170.78	0.12
21.90	0.12	5,141	170.78	0.12
22.00	0.12	5,139	170.78	0.12
22.10	0.12	5,137	170.78	0.12
22.20	0.12	5,135	170.78	0.12
22.30	0.11	5,133	170.78	0.12
22.40	0.11	5,131	170.78	0.12
22.50	0.11	5,129	170.78	0.12
22.60	0.11	5,127	170.78	0.12
22.70	0.11	5,125	170.78	0.12
22.80	0.11	5,123	170.77	0.12
22.90	0.11	5,121	170.77	0.11
23.00	0.11	5,119	170.77	0.11
23.10	0.11	5,117	170.77	0.11
23.20	0.11	5,115	170.77	0.11
23.30	0.10	5,113	170.77	0.11
23.40	0.10	5,111	170.77	0.11
23.50	0.10	5,109	170.77	0.11
23.60	0.10	5,107	170.77	0.11
23.70	0.10	5,104	170.77	0.11
23.80	0.10	5,102	170.77	0.11
23.90	0.10	5,100	170.77	0.11
24.00	0.10	5,098	170.77	0.11
24.10	0.09	5,097	170.76	0.10
24.20	0.03	5,080	170.76	0.10
24.30	0.01	5,051	170.75	0.09
24.40	0.00	5,023	170.74	0.08
24.50	0.00	4,997	170.73	0.07
24.60	0.00	4,974	170.72	0.06
24.70	0.00	4,954	170.71	0.05
24.80	0.00	4,936	170.71	0.05
24.90	0.00	4,919	170.70	0.04
25.00	0.00	4,904	170.69	0.04
25.10	0.00	4,890	170.69	0.04
25.20	0.00	4,877	170.68	0.03
25.30	0.00	4,866	170.68	0.03
25.40	0.00	4,856	170.68	0.03
25.50	0.00	4,847	170.67	0.02
25.60	0.00	4,838	170.67	0.02
25.70	0.00	4,830	170.67	0.02
25.80	0.00	4,822	170.66	0.02
25.90	0.00	4,815	170.66	0.02

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,808	170.66	0.02
26.10	0.00	4,802	170.66	0.02
26.20	0.00	4,795	170.65	0.02
26.30	0.00	4,790	170.65	0.02
26.40	0.00	4,784	170.65	0.01
26.50	0.00	4,779	170.65	0.01
26.60	0.00	4,774	170.65	0.01
26.70	0.00	4,769	170.64	0.01
26.80	0.00	4,765	170.64	0.01
26.90	0.00	4,761	170.64	0.01
27.00	0.00	4,757	170.64	0.01
27.10	0.00	4,753	170.64	0.01
27.20	0.00	4,749	170.64	0.01
27.30	0.00	4,746	170.64	0.01
27.40	0.00	4,743	170.63	0.01
27.50	0.00	4,740	170.63	0.01
27.60	0.00	4,737	170.63	0.01
27.70	0.00	4,734	170.63	0.01
27.80	0.00	4,732	170.63	0.01
27.90	0.00	4,730	170.63	0.01
28.00	0.00	4,727	170.63	0.01
28.10	0.00	4,725	170.63	0.01
28.20	0.00	4,723	170.63	0.01
28.30	0.00	4,721	170.63	0.01
28.40	0.00	4,719	170.63	0.00
28.50	0.00	4,718	170.62	0.00
28.60	0.00	4,716	170.62	0.00
28.70	0.00	4,715	170.62	0.00
28.80	0.00	4,713	170.62	0.00
28.90	0.00	4,712	170.62	0.00
29.00	0.00	4,710	170.62	0.00
29.10	0.00	4,709	170.62	0.00
29.20	0.00	4,708	170.62	0.00
29.30	0.00	4,706	170.62	0.00
29.40	0.00	4,705	170.62	0.00
29.50	0.00	4,704	170.62	0.00
29.60	0.00	4,702	170.62	0.00
29.70	0.00	4,701	170.62	0.00
29.80	0.00	4,700	170.62	0.00
29.90	0.00	4,699	170.62	0.00
30.00	0.00	4,697	170.62	0.00
30.10	0.00	4,696	170.62	0.00
30.20	0.00	4,695	170.62	0.00
30.30	0.00	4,694	170.62	0.00
30.40	0.00	4,693	170.62	0.00
30.50	0.00	4,692	170.61	0.00
30.60	0.00	4,691	170.61	0.00
30.70	0.00	4,689	170.61	0.00
30.80	0.00	4,688	170.61	0.00
30.90	0.00	4,687	170.61	0.00
31.00	0.00	4,686	170.61	0.00
31.10	0.00	4,685	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,684	170.61	0.00
31.30	0.00	4,683	170.61	0.00
31.40	0.00	4,682	170.61	0.00
31.50	0.00	4,682	170.61	0.00
31.60	0.00	4,681	170.61	0.00
31.70	0.00	4,680	170.61	0.00
31.80	0.00	4,679	170.61	0.00
31.90	0.00	4,678	170.61	0.00
32.00	0.00	4,677	170.61	0.00
32.10	0.00	4,676	170.61	0.00
32.20	0.00	4,675	170.61	0.00
32.30	0.00	4,675	170.61	0.00
32.40	0.00	4,674	170.61	0.00
32.50	0.00	4,673	170.61	0.00
32.60	0.00	4,672	170.61	0.00
32.70	0.00	4,671	170.61	0.00
32.80	0.00	4,671	170.61	0.00
32.90	0.00	4,670	170.61	0.00
33.00	0.00	4,669	170.61	0.00
33.10	0.00	4,668	170.61	0.00
33.20	0.00	4,668	170.61	0.00
33.30	0.00	4,667	170.61	0.00
33.40	0.00	4,666	170.61	0.00
33.50	0.00	4,666	170.61	0.00
33.60	0.00	4,665	170.60	0.00
33.70	0.00	4,664	170.60	0.00
33.80	0.00	4,664	170.60	0.00
33.90	0.00	4,663	170.60	0.00
34.00	0.00	4,663	170.60	0.00
34.10	0.00	4,662	170.60	0.00
34.20	0.00	4,661	170.60	0.00
34.30	0.00	4,661	170.60	0.00
34.40	0.00	4,660	170.60	0.00
34.50	0.00	4,660	170.60	0.00
34.60	0.00	4,659	170.60	0.00
34.70	0.00	4,659	170.60	0.00
34.80	0.00	4,658	170.60	0.00
34.90	0.00	4,657	170.60	0.00
35.00	0.00	4,657	170.60	0.00
35.10	0.00	4,656	170.60	0.00
35.20	0.00	4,656	170.60	0.00
35.30	0.00	4,655	170.60	0.00
35.40	0.00	4,655	170.60	0.00
35.50	0.00	4,654	170.60	0.00
35.60	0.00	4,654	170.60	0.00
35.70	0.00	4,654	170.60	0.00
35.80	0.00	4,653	170.60	0.00
35.90	0.00	4,653	170.60	0.00
36.00	0.00	4,652	170.60	0.00
36.10	0.00	4,652	170.60	0.00
36.20	0.00	4,651	170.60	0.00
36.30	0.00	4,651	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,650	170.60	0.00
36.50	0.00	4,650	170.60	0.00
36.60	0.00	4,650	170.60	0.00
36.70	0.00	4,649	170.60	0.00
36.80	0.00	4,649	170.60	0.00
36.90	0.00	4,648	170.60	0.00
37.00	0.00	4,648	170.60	0.00
37.10	0.00	4,648	170.60	0.00
37.20	0.00	4,647	170.60	0.00
37.30	0.00	4,647	170.60	0.00
37.40	0.00	4,647	170.60	0.00
37.50	0.00	4,646	170.60	0.00
37.60	0.00	4,646	170.60	0.00
37.70	0.00	4,646	170.60	0.00
37.80	0.00	4,645	170.60	0.00
37.90	0.00	4,645	170.60	0.00
38.00	0.00	4,645	170.60	0.00
38.10	0.00	4,644	170.60	0.00
38.20	0.00	4,644	170.60	0.00
38.30	0.00	4,644	170.60	0.00
38.40	0.00	4,643	170.60	0.00
38.50	0.00	4,643	170.60	0.00
38.60	0.00	4,643	170.60	0.00
38.70	0.00	4,643	170.60	0.00
38.80	0.00	4,642	170.60	0.00
38.90	0.00	4,642	170.60	0.00
39.00	0.00	4,642	170.60	0.00
39.10	0.00	4,642	170.60	0.00
39.20	0.00	4,641	170.60	0.00
39.30	0.00	4,641	170.60	0.00
39.40	0.00	4,641	170.60	0.00
39.50	0.00	4,641	170.60	0.00
39.60	0.00	4,640	170.60	0.00
39.70	0.00	4,640	170.60	0.00
39.80	0.00	4,640	170.60	0.00
39.90	0.00	4,640	170.60	0.00
40.00	0.00	4,639	170.60	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 7.82 cfs @ 12.17 hrs, Volume= 0.634 af
 Outflow = 6.43 cfs @ 12.24 hrs, Volume= 0.555 af, Atten= 18%, Lag= 4.2 min
 Primary = 6.43 cfs @ 12.24 hrs, Volume= 0.555 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.86' @ 12.24 hrs Surf.Area= 3,104 sf Storage= 5,970 cf

Plug-Flow detention time= 113.0 min calculated for 0.554 af (87% of inflow)
 Center-of-Mass det. time= 52.1 min (848.6 - 796.6)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=6.40 cfs @ 12.24 hrs HW=168.85' (Free Discharge)

1=Culvert (Passes 6.40 cfs of 12.24 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 6.40 cfs @ 3.42 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

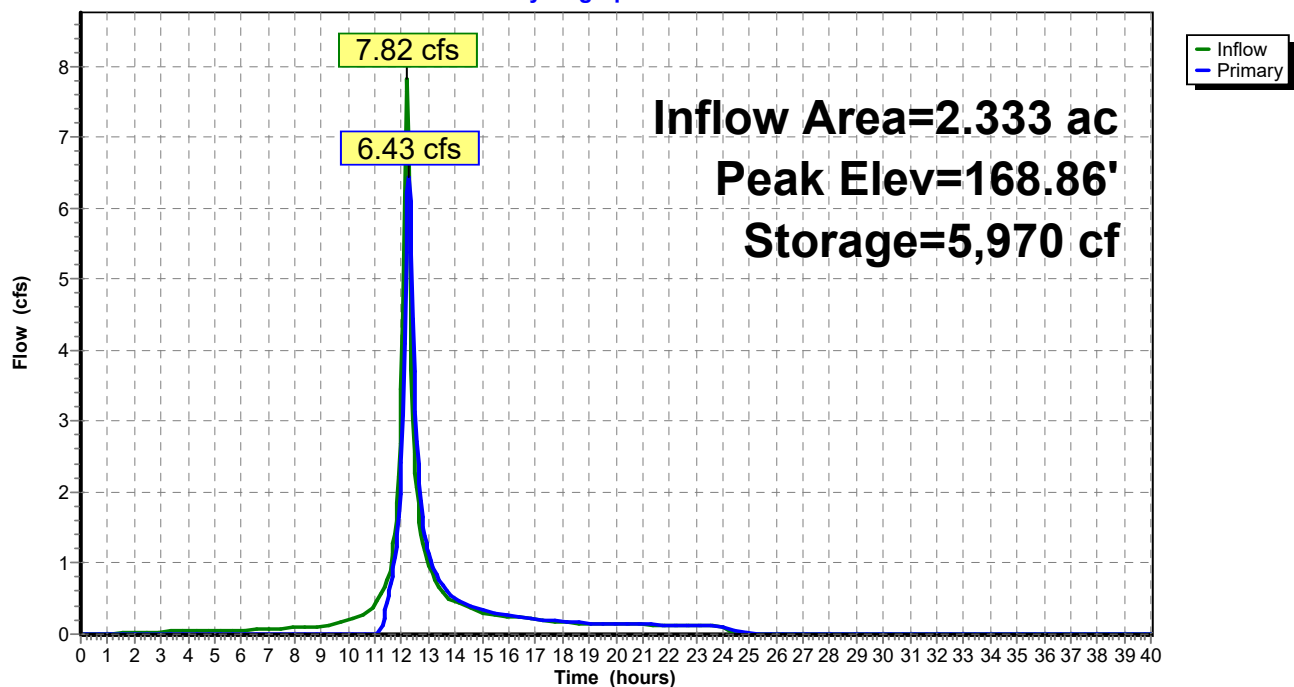
Pond B-28: Basin #28

Orifice Gate

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	1	166.00	0.00
1.10	0.00	2	166.00	0.00
1.20	0.01	4	166.00	0.00
1.30	0.01	7	166.01	0.00
1.40	0.01	11	166.01	0.00
1.50	0.01	15	166.01	0.00
1.60	0.01	20	166.02	0.00
1.70	0.02	25	166.02	0.00
1.80	0.02	32	166.03	0.00
1.90	0.02	38	166.03	0.00
2.00	0.02	46	166.04	0.00
2.10	0.02	54	166.05	0.00
2.20	0.02	62	166.05	0.00
2.30	0.03	71	166.06	0.00
2.40	0.03	80	166.07	0.00
2.50	0.03	90	166.08	0.00
2.60	0.03	100	166.09	0.00
2.70	0.03	111	166.09	0.00
2.80	0.03	122	166.10	0.00
2.90	0.03	133	166.11	0.00
3.00	0.03	145	166.12	0.00
3.10	0.03	158	166.13	0.00
3.20	0.04	170	166.14	0.00
3.30	0.04	183	166.15	0.00
3.40	0.04	197	166.16	0.00
3.50	0.04	210	166.18	0.00
3.60	0.04	225	166.19	0.00
3.70	0.04	239	166.20	0.00
3.80	0.04	254	166.21	0.00
3.90	0.04	269	166.22	0.00
4.00	0.04	284	166.23	0.00
4.10	0.04	300	166.25	0.00
4.20	0.04	316	166.26	0.00
4.30	0.05	332	166.27	0.00
4.40	0.05	349	166.28	0.00
4.50	0.05	365	166.29	0.00
4.60	0.05	382	166.31	0.00
4.70	0.05	400	166.32	0.00
4.80	0.05	417	166.33	0.00
4.90	0.05	435	166.35	0.00
5.00	0.05	453	166.36	0.00
5.10	0.05	472	166.37	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	491	166.39	0.00
5.30	0.05	509	166.40	0.00
5.40	0.05	529	166.41	0.00
5.50	0.05	548	166.43	0.00
5.60	0.05	568	166.44	0.00
5.70	0.06	587	166.46	0.00
5.80	0.06	608	166.47	0.00
5.90	0.06	628	166.48	0.00
6.00	0.06	648	166.50	0.00
6.10	0.06	669	166.51	0.00
6.20	0.06	690	166.53	0.00
6.30	0.06	712	166.54	0.00
6.40	0.06	735	166.56	0.00
6.50	0.06	758	166.57	0.00
6.60	0.07	781	166.59	0.00
6.70	0.07	806	166.60	0.00
6.80	0.07	831	166.62	0.00
6.90	0.07	856	166.64	0.00
7.00	0.07	882	166.65	0.00
7.10	0.08	909	166.67	0.00
7.20	0.08	936	166.69	0.00
7.30	0.08	964	166.70	0.00
7.40	0.08	993	166.72	0.00
7.50	0.08	1,022	166.74	0.00
7.60	0.08	1,052	166.76	0.00
7.70	0.09	1,083	166.78	0.00
7.80	0.09	1,114	166.80	0.00
7.90	0.09	1,146	166.82	0.00
8.00	0.09	1,178	166.84	0.00
8.10	0.09	1,211	166.86	0.00
8.20	0.09	1,245	166.88	0.00
8.30	0.10	1,279	166.90	0.00
8.40	0.10	1,314	166.92	0.00
8.50	0.10	1,350	166.94	0.00
8.60	0.10	1,386	166.96	0.00
8.70	0.10	1,423	166.98	0.00
8.80	0.11	1,461	167.00	0.00
8.90	0.11	1,499	167.02	0.00
9.00	0.11	1,538	167.04	0.00
9.10	0.12	1,579	167.07	0.00
9.20	0.12	1,621	167.09	0.00
9.30	0.13	1,667	167.11	0.00
9.40	0.14	1,715	167.14	0.00
9.50	0.15	1,767	167.17	0.00
9.60	0.16	1,822	167.20	0.00
9.70	0.17	1,881	167.23	0.00
9.80	0.18	1,943	167.26	0.00
9.90	0.19	2,008	167.29	0.00
10.00	0.20	2,078	167.33	0.00
10.10	0.21	2,151	167.36	0.00
10.20	0.22	2,228	167.40	0.00
10.30	0.23	2,309	167.44	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.24	2,395	167.48	0.00
10.50	0.26	2,484	167.52	0.00
10.60	0.27	2,579	167.57	0.00
10.70	0.30	2,683	167.61	0.00
10.80	0.34	2,799	167.67	0.00
10.90	0.38	2,929	167.72	0.00
11.00	0.42	3,073	167.79	0.00
11.10	0.47	3,232	167.85	0.00
11.20	0.54	3,414	167.93	0.00
11.30	0.62	3,606	168.01	0.12
11.40	0.70	3,760	168.07	0.34
11.50	0.78	3,868	168.11	0.53
11.60	0.96	3,953	168.15	0.70
11.70	1.29	4,066	168.19	0.95
11.80	1.60	4,188	168.24	1.24
11.90	2.21	4,351	168.30	1.65
12.00	3.46	4,626	168.40	2.42
12.10	6.09	5,160	168.59	4.09
12.20	7.59	5,872	168.83	6.22
12.30	4.68	5,814	168.81	6.08
12.40	3.05	5,266	168.62	4.44
12.50	2.26	4,860	168.48	3.12
12.60	1.84	4,617	168.40	2.39
12.70	1.39	4,430	168.33	1.86
12.80	1.21	4,294	168.28	1.50
12.90	1.09	4,207	168.24	1.28
13.00	0.98	4,146	168.22	1.13
13.10	0.88	4,095	168.20	1.01
13.20	0.79	4,049	168.18	0.91
13.30	0.73	4,010	168.17	0.82
13.40	0.67	3,977	168.16	0.75
13.50	0.61	3,948	168.14	0.69
13.60	0.56	3,919	168.13	0.64
13.70	0.51	3,892	168.12	0.58
13.80	0.49	3,871	168.11	0.54
13.90	0.47	3,856	168.11	0.51
14.00	0.46	3,843	168.10	0.49
14.10	0.44	3,833	168.10	0.47
14.20	0.43	3,824	168.10	0.45
14.30	0.41	3,815	168.09	0.44
14.40	0.40	3,807	168.09	0.42
14.50	0.39	3,799	168.09	0.41
14.60	0.37	3,791	168.08	0.39
14.70	0.36	3,782	168.08	0.38
14.80	0.34	3,774	168.08	0.36
14.90	0.33	3,766	168.07	0.35
15.00	0.31	3,758	168.07	0.33
15.10	0.30	3,749	168.07	0.32
15.20	0.28	3,741	168.06	0.31
15.30	0.28	3,733	168.06	0.30
15.40	0.27	3,727	168.06	0.29
15.50	0.27	3,723	168.06	0.28

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	3,719	168.05	0.28
15.70	0.26	3,716	168.05	0.27
15.80	0.26	3,713	168.05	0.27
15.90	0.25	3,710	168.05	0.26
16.00	0.25	3,707	168.05	0.26
16.10	0.25	3,705	168.05	0.25
16.20	0.24	3,702	168.05	0.25
16.30	0.24	3,699	168.05	0.25
16.40	0.24	3,697	168.05	0.24
16.50	0.23	3,694	168.04	0.24
16.60	0.23	3,692	168.04	0.23
16.70	0.22	3,689	168.04	0.23
16.80	0.22	3,686	168.04	0.23
16.90	0.22	3,684	168.04	0.22
17.00	0.21	3,681	168.04	0.22
17.10	0.21	3,679	168.04	0.22
17.20	0.20	3,676	168.04	0.21
17.30	0.20	3,673	168.04	0.21
17.40	0.20	3,671	168.04	0.20
17.50	0.19	3,668	168.03	0.20
17.60	0.19	3,665	168.03	0.20
17.70	0.18	3,663	168.03	0.19
17.80	0.18	3,660	168.03	0.19
17.90	0.18	3,658	168.03	0.18
18.00	0.17	3,655	168.03	0.18
18.10	0.17	3,652	168.03	0.18
18.20	0.17	3,650	168.03	0.17
18.30	0.16	3,647	168.03	0.17
18.40	0.16	3,646	168.03	0.17
18.50	0.16	3,645	168.02	0.16
18.60	0.16	3,644	168.02	0.16
18.70	0.16	3,643	168.02	0.16
18.80	0.16	3,642	168.02	0.16
18.90	0.16	3,641	168.02	0.16
19.00	0.16	3,640	168.02	0.16
19.10	0.16	3,639	168.02	0.16
19.20	0.15	3,638	168.02	0.16
19.30	0.15	3,638	168.02	0.16
19.40	0.15	3,637	168.02	0.15
19.50	0.15	3,636	168.02	0.15
19.60	0.15	3,635	168.02	0.15
19.70	0.15	3,634	168.02	0.15
19.80	0.15	3,634	168.02	0.15
19.90	0.15	3,633	168.02	0.15
20.00	0.15	3,632	168.02	0.15
20.10	0.15	3,631	168.02	0.15
20.20	0.14	3,630	168.02	0.15
20.30	0.14	3,630	168.02	0.15
20.40	0.14	3,629	168.02	0.15
20.50	0.14	3,628	168.02	0.14
20.60	0.14	3,627	168.02	0.14
20.70	0.14	3,626	168.02	0.14

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	3,626	168.02	0.14
20.90	0.14	3,625	168.02	0.14
21.00	0.14	3,624	168.02	0.14
21.10	0.14	3,623	168.02	0.14
21.20	0.14	3,622	168.02	0.14
21.30	0.13	3,621	168.02	0.14
21.40	0.13	3,621	168.02	0.14
21.50	0.13	3,620	168.01	0.13
21.60	0.13	3,619	168.01	0.13
21.70	0.13	3,618	168.01	0.13
21.80	0.13	3,617	168.01	0.13
21.90	0.13	3,617	168.01	0.13
22.00	0.13	3,616	168.01	0.13
22.10	0.13	3,615	168.01	0.13
22.20	0.13	3,614	168.01	0.13
22.30	0.12	3,613	168.01	0.13
22.40	0.12	3,613	168.01	0.13
22.50	0.12	3,612	168.01	0.12
22.60	0.12	3,611	168.01	0.12
22.70	0.12	3,610	168.01	0.12
22.80	0.12	3,609	168.01	0.12
22.90	0.12	3,608	168.01	0.12
23.00	0.12	3,608	168.01	0.12
23.10	0.12	3,607	168.01	0.12
23.20	0.12	3,606	168.01	0.12
23.30	0.11	3,605	168.01	0.12
23.40	0.11	3,604	168.01	0.12
23.50	0.11	3,603	168.01	0.11
23.60	0.11	3,603	168.01	0.11
23.70	0.11	3,602	168.01	0.11
23.80	0.11	3,601	168.01	0.11
23.90	0.11	3,600	168.01	0.11
24.00	0.11	3,600	168.01	0.11
24.10	0.10	3,600	168.01	0.11
24.20	0.03	3,585	168.00	0.09
24.30	0.01	3,561	167.99	0.07
24.40	0.00	3,541	167.98	0.05
24.50	0.00	3,526	167.98	0.04
24.60	0.00	3,514	167.97	0.03
24.70	0.00	3,504	167.97	0.02
24.80	0.00	3,496	167.96	0.02
24.90	0.00	3,490	167.96	0.02
25.00	0.00	3,484	167.96	0.01
25.10	0.00	3,480	167.96	0.01
25.20	0.00	3,476	167.96	0.01
25.30	0.00	3,473	167.96	0.01
25.40	0.00	3,471	167.95	0.01
25.50	0.00	3,469	167.95	0.00
25.60	0.00	3,467	167.95	0.00
25.70	0.00	3,466	167.95	0.00
25.80	0.00	3,465	167.95	0.00
25.90	0.00	3,464	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,464	167.95	0.00
26.10	0.00	3,463	167.95	0.00
26.20	0.00	3,463	167.95	0.00
26.30	0.00	3,462	167.95	0.00
26.40	0.00	3,462	167.95	0.00
26.50	0.00	3,462	167.95	0.00
26.60	0.00	3,461	167.95	0.00
26.70	0.00	3,461	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

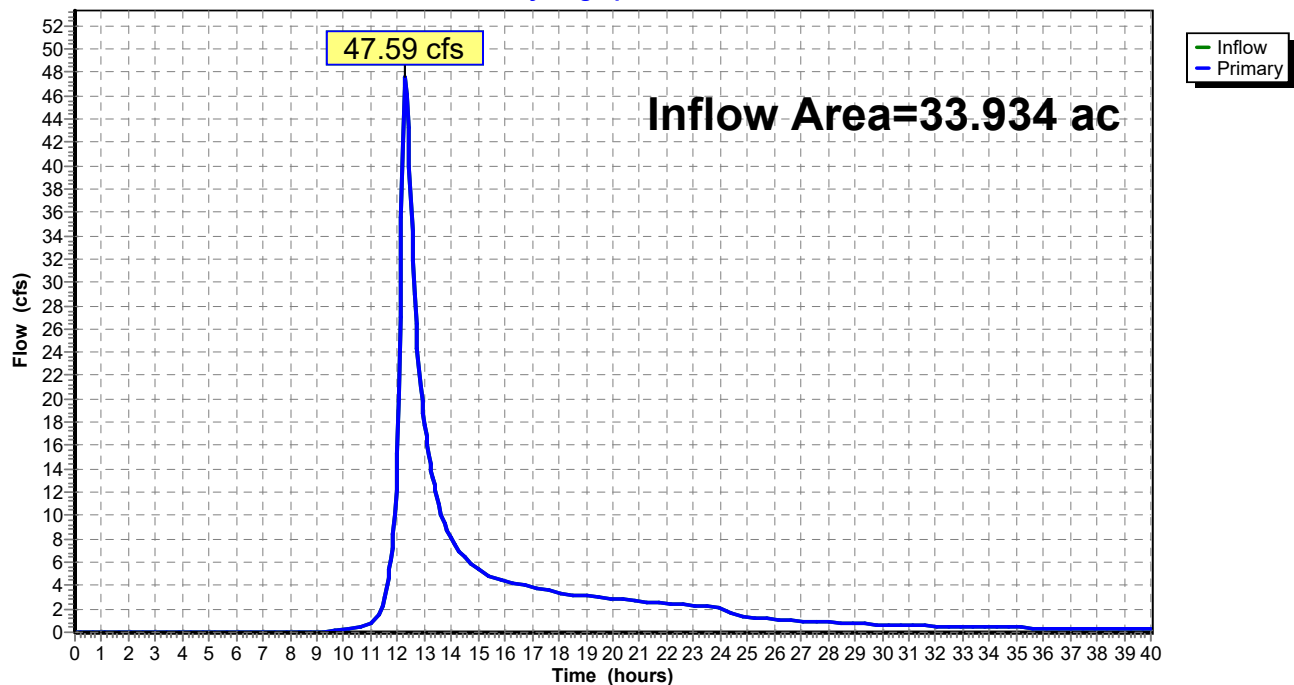
Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 2.73" for Current 10 yr event
Inflow = 47.59 cfs @ 12.29 hrs, Volume= 7.722 af
Primary = 47.59 cfs @ 12.29 hrs, Volume= 7.722 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph



Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.01	0.00	0.01
6.40	0.00	0.00	0.00	9.00	0.01	0.00	0.01
6.45	0.00	0.00	0.00	9.05	0.02	0.00	0.02
6.50	0.00	0.00	0.00	9.10	0.02	0.00	0.02
6.55	0.00	0.00	0.00	9.15	0.03	0.00	0.03
6.60	0.00	0.00	0.00	9.20	0.04	0.00	0.04
6.65	0.00	0.00	0.00	9.25	0.04	0.00	0.04
6.70	0.00	0.00	0.00	9.30	0.05	0.00	0.05
6.75	0.00	0.00	0.00	9.35	0.06	0.00	0.06
6.80	0.00	0.00	0.00	9.40	0.07	0.00	0.07
6.85	0.00	0.00	0.00	9.45	0.07	0.00	0.07
6.90	0.00	0.00	0.00	9.50	0.08	0.00	0.08
6.95	0.00	0.00	0.00	9.55	0.09	0.00	0.09
7.00	0.00	0.00	0.00	9.60	0.10	0.00	0.10
7.05	0.00	0.00	0.00	9.65	0.11	0.00	0.11
7.10	0.00	0.00	0.00	9.70	0.12	0.00	0.12
7.15	0.00	0.00	0.00	9.75	0.14	0.00	0.14
7.20	0.00	0.00	0.00	9.80	0.15	0.00	0.15
7.25	0.00	0.00	0.00	9.85	0.16	0.00	0.16
7.30	0.00	0.00	0.00	9.90	0.17	0.00	0.17
7.35	0.00	0.00	0.00	9.95	0.18	0.00	0.18
7.40	0.00	0.00	0.00	10.00	0.20	0.00	0.20
7.45	0.00	0.00	0.00	10.05	0.21	0.00	0.21
7.50	0.00	0.00	0.00	10.10	0.23	0.00	0.23
7.55	0.00	0.00	0.00	10.15	0.24	0.00	0.24
7.60	0.00	0.00	0.00	10.20	0.26	0.00	0.26
7.65	0.00	0.00	0.00	10.25	0.27	0.00	0.27
7.70	0.00	0.00	0.00	10.30	0.29	0.00	0.29
7.75	0.00	0.00	0.00	10.35	0.31	0.00	0.31

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.32	0.00	0.32	13.00	17.71	0.00	17.71
10.45	0.34	0.00	0.34	13.05	16.83	0.00	16.83
10.50	0.36	0.00	0.36	13.10	15.99	0.00	15.99
10.55	0.38	0.00	0.38	13.15	15.20	0.00	15.20
10.60	0.41	0.00	0.41	13.20	14.47	0.00	14.47
10.65	0.44	0.00	0.44	13.25	13.81	0.00	13.81
10.70	0.48	0.00	0.48	13.30	13.21	0.00	13.21
10.75	0.52	0.00	0.52	13.35	12.65	0.00	12.65
10.80	0.56	0.00	0.56	13.40	12.12	0.00	12.12
10.85	0.61	0.00	0.61	13.45	11.63	0.00	11.63
10.90	0.66	0.00	0.66	13.50	11.16	0.00	11.16
10.95	0.71	0.00	0.71	13.55	10.71	0.00	10.71
11.00	0.76	0.00	0.76	13.60	10.27	0.00	10.27
11.05	0.82	0.00	0.82	13.65	9.84	0.00	9.84
11.10	0.89	0.00	0.89	13.70	9.46	0.00	9.46
11.15	0.98	0.00	0.98	13.75	9.12	0.00	9.12
11.20	1.07	0.00	1.07	13.80	8.82	0.00	8.82
11.25	1.21	0.00	1.21	13.85	8.56	0.00	8.56
11.30	1.45	0.00	1.45	13.90	8.31	0.00	8.31
11.35	1.74	0.00	1.74	13.95	8.08	0.00	8.08
11.40	2.08	0.00	2.08	14.00	7.87	0.00	7.87
11.45	2.44	0.00	2.44	14.05	7.67	0.00	7.67
11.50	2.81	0.00	2.81	14.10	7.49	0.00	7.49
11.55	3.22	0.00	3.22	14.15	7.33	0.00	7.33
11.60	3.83	0.00	3.83	14.20	7.17	0.00	7.17
11.65	4.64	0.00	4.64	14.25	7.03	0.00	7.03
11.70	5.45	0.00	5.45	14.30	6.89	0.00	6.89
11.75	6.23	0.00	6.23	14.35	6.75	0.00	6.75
11.80	7.20	0.00	7.20	14.40	6.62	0.00	6.62
11.85	8.42	0.00	8.42	14.45	6.50	0.00	6.50
11.90	10.02	0.00	10.02	14.50	6.39	0.00	6.39
11.95	12.13	0.00	12.13	14.55	6.28	0.00	6.28
12.00	15.38	0.00	15.38	14.60	6.18	0.00	6.18
12.05	19.97	0.00	19.97	14.65	6.08	0.00	6.08
12.10	27.01	0.00	27.01	14.70	5.98	0.00	5.98
12.15	35.62	0.00	35.62	14.75	5.89	0.00	5.89
12.20	41.93	0.00	41.93	14.80	5.79	0.00	5.79
12.25	46.72	0.00	46.72	14.85	5.70	0.00	5.70
12.30	47.57	0.00	47.57	14.90	5.61	0.00	5.61
12.35	46.11	0.00	46.11	14.95	5.52	0.00	5.52
12.40	43.21	0.00	43.21	15.00	5.43	0.00	5.43
12.45	39.98	0.00	39.98	15.05	5.34	0.00	5.34
12.50	36.99	0.00	36.99	15.10	5.25	0.00	5.25
12.55	34.42	0.00	34.42	15.15	5.17	0.00	5.17
12.60	31.81	0.00	31.81	15.20	5.09	0.00	5.09
12.65	29.03	0.00	29.03	15.25	5.02	0.00	5.02
12.70	26.44	0.00	26.44	15.30	4.95	0.00	4.95
12.75	24.31	0.00	24.31	15.35	4.90	0.00	4.90
12.80	22.55	0.00	22.55	15.40	4.84	0.00	4.84
12.85	21.08	0.00	21.08	15.45	4.79	0.00	4.79
12.90	19.80	0.00	19.80	15.50	4.75	0.00	4.75
12.95	18.69	0.00	18.69	15.55	4.71	0.00	4.71

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	4.67	0.00	4.67	18.20	3.33	0.00	3.33
15.65	4.63	0.00	4.63	18.25	3.31	0.00	3.31
15.70	4.60	0.00	4.60	18.30	3.29	0.00	3.29
15.75	4.56	0.00	4.56	18.35	3.27	0.00	3.27
15.80	4.53	0.00	4.53	18.40	3.25	0.00	3.25
15.85	4.50	0.00	4.50	18.45	3.24	0.00	3.24
15.90	4.47	0.00	4.47	18.50	3.22	0.00	3.22
15.95	4.44	0.00	4.44	18.55	3.21	0.00	3.21
16.00	4.41	0.00	4.41	18.60	3.19	0.00	3.19
16.05	4.38	0.00	4.38	18.65	3.18	0.00	3.18
16.10	4.36	0.00	4.36	18.70	3.16	0.00	3.16
16.15	4.33	0.00	4.33	18.75	3.15	0.00	3.15
16.20	4.31	0.00	4.31	18.80	3.14	0.00	3.14
16.25	4.28	0.00	4.28	18.85	3.12	0.00	3.12
16.30	4.26	0.00	4.26	18.90	3.11	0.00	3.11
16.35	4.23	0.00	4.23	18.95	3.10	0.00	3.10
16.40	4.21	0.00	4.21	19.00	3.09	0.00	3.09
16.45	4.18	0.00	4.18	19.05	3.08	0.00	3.08
16.50	4.16	0.00	4.16	19.10	3.07	0.00	3.07
16.55	4.13	0.00	4.13	19.15	3.05	0.00	3.05
16.60	4.11	0.00	4.11	19.20	3.04	0.00	3.04
16.65	4.08	0.00	4.08	19.25	3.03	0.00	3.03
16.70	4.06	0.00	4.06	19.30	3.02	0.00	3.02
16.75	4.04	0.00	4.04	19.35	3.01	0.00	3.01
16.80	4.01	0.00	4.01	19.40	3.00	0.00	3.00
16.85	3.99	0.00	3.99	19.45	2.99	0.00	2.99
16.90	3.96	0.00	3.96	19.50	2.98	0.00	2.98
16.95	3.94	0.00	3.94	19.55	2.96	0.00	2.96
17.00	3.92	0.00	3.92	19.60	2.95	0.00	2.95
17.05	3.89	0.00	3.89	19.65	2.94	0.00	2.94
17.10	3.87	0.00	3.87	19.70	2.93	0.00	2.93
17.15	3.84	0.00	3.84	19.75	2.92	0.00	2.92
17.20	3.82	0.00	3.82	19.80	2.91	0.00	2.91
17.25	3.80	0.00	3.80	19.85	2.90	0.00	2.90
17.30	3.77	0.00	3.77	19.90	2.89	0.00	2.89
17.35	3.74	0.00	3.74	19.95	2.88	0.00	2.88
17.40	3.72	0.00	3.72	20.00	2.87	0.00	2.87
17.45	3.69	0.00	3.69	20.05	2.86	0.00	2.86
17.50	3.67	0.00	3.67	20.10	2.85	0.00	2.85
17.55	3.65	0.00	3.65	20.15	2.84	0.00	2.84
17.60	3.62	0.00	3.62	20.20	2.83	0.00	2.83
17.65	3.60	0.00	3.60	20.25	2.81	0.00	2.81
17.70	3.57	0.00	3.57	20.30	2.80	0.00	2.80
17.75	3.55	0.00	3.55	20.35	2.79	0.00	2.79
17.80	3.52	0.00	3.52	20.40	2.78	0.00	2.78
17.85	3.50	0.00	3.50	20.45	2.77	0.00	2.77
17.90	3.48	0.00	3.48	20.50	2.76	0.00	2.76
17.95	3.45	0.00	3.45	20.55	2.75	0.00	2.75
18.00	3.43	0.00	3.43	20.60	2.74	0.00	2.74
18.05	3.40	0.00	3.40	20.65	2.73	0.00	2.73
18.10	3.37	0.00	3.37	20.70	2.72	0.00	2.72
18.15	3.35	0.00	3.35	20.75	2.71	0.00	2.71

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.70	0.00	2.70	23.40	2.23	0.00	2.23
20.85	2.69	0.00	2.69	23.45	2.22	0.00	2.22
20.90	2.68	0.00	2.68	23.50	2.21	0.00	2.21
20.95	2.67	0.00	2.67	23.55	2.20	0.00	2.20
21.00	2.66	0.00	2.66	23.60	2.19	0.00	2.19
21.05	2.65	0.00	2.65	23.65	2.18	0.00	2.18
21.10	2.64	0.00	2.64	23.70	2.18	0.00	2.18
21.15	2.63	0.00	2.63	23.75	2.17	0.00	2.17
21.20	2.62	0.00	2.62	23.80	2.16	0.00	2.16
21.25	2.61	0.00	2.61	23.85	2.15	0.00	2.15
21.30	2.60	0.00	2.60	23.90	2.14	0.00	2.14
21.35	2.60	0.00	2.60	23.95	2.14	0.00	2.14
21.40	2.59	0.00	2.59	24.00	2.15	0.00	2.15
21.45	2.58	0.00	2.58	24.05	2.16	0.00	2.16
21.50	2.57	0.00	2.57	24.10	2.08	0.00	2.08
21.55	2.56	0.00	2.56	24.15	1.91	0.00	1.91
21.60	2.55	0.00	2.55	24.20	1.78	0.00	1.78
21.65	2.54	0.00	2.54	24.25	1.69	0.00	1.69
21.70	2.53	0.00	2.53	24.30	1.64	0.00	1.64
21.75	2.52	0.00	2.52	24.35	1.60	0.00	1.60
21.80	2.51	0.00	2.51	24.40	1.57	0.00	1.57
21.85	2.51	0.00	2.51	24.45	1.54	0.00	1.54
21.90	2.50	0.00	2.50	24.50	1.51	0.00	1.51
21.95	2.49	0.00	2.49	24.55	1.49	0.00	1.49
22.00	2.48	0.00	2.48	24.60	1.47	0.00	1.47
22.05	2.47	0.00	2.47	24.65	1.46	0.00	1.46
22.10	2.46	0.00	2.46	24.70	1.44	0.00	1.44
22.15	2.45	0.00	2.45	24.75	1.42	0.00	1.42
22.20	2.44	0.00	2.44	24.80	1.41	0.00	1.41
22.25	2.43	0.00	2.43	24.85	1.39	0.00	1.39
22.30	2.42	0.00	2.42	24.90	1.37	0.00	1.37
22.35	2.41	0.00	2.41	24.95	1.36	0.00	1.36
22.40	2.40	0.00	2.40	25.00	1.34	0.00	1.34
22.45	2.40	0.00	2.40	25.05	1.33	0.00	1.33
22.50	2.39	0.00	2.39	25.10	1.32	0.00	1.32
22.55	2.38	0.00	2.38	25.15	1.30	0.00	1.30
22.60	2.37	0.00	2.37	25.20	1.29	0.00	1.29
22.65	2.36	0.00	2.36	25.25	1.28	0.00	1.28
22.70	2.35	0.00	2.35	25.30	1.26	0.00	1.26
22.75	2.34	0.00	2.34	25.35	1.25	0.00	1.25
22.80	2.33	0.00	2.33	25.40	1.24	0.00	1.24
22.85	2.32	0.00	2.32	25.45	1.23	0.00	1.23
22.90	2.31	0.00	2.31	25.50	1.22	0.00	1.22
22.95	2.30	0.00	2.30	25.55	1.20	0.00	1.20
23.00	2.30	0.00	2.30	25.60	1.19	0.00	1.19
23.05	2.29	0.00	2.29	25.65	1.18	0.00	1.18
23.10	2.28	0.00	2.28	25.70	1.17	0.00	1.17
23.15	2.27	0.00	2.27	25.75	1.16	0.00	1.16
23.20	2.26	0.00	2.26	25.80	1.15	0.00	1.15
23.25	2.25	0.00	2.25	25.85	1.14	0.00	1.14
23.30	2.24	0.00	2.24	25.90	1.13	0.00	1.13
23.35	2.23	0.00	2.23	25.95	1.12	0.00	1.12

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.11	0.00	1.11	28.60	0.77	0.00	0.77
26.05	1.11	0.00	1.11	28.65	0.76	0.00	0.76
26.10	1.10	0.00	1.10	28.70	0.76	0.00	0.76
26.15	1.09	0.00	1.09	28.75	0.75	0.00	0.75
26.20	1.08	0.00	1.08	28.80	0.75	0.00	0.75
26.25	1.07	0.00	1.07	28.85	0.74	0.00	0.74
26.30	1.06	0.00	1.06	28.90	0.74	0.00	0.74
26.35	1.05	0.00	1.05	28.95	0.73	0.00	0.73
26.40	1.05	0.00	1.05	29.00	0.73	0.00	0.73
26.45	1.04	0.00	1.04	29.05	0.73	0.00	0.73
26.50	1.03	0.00	1.03	29.10	0.72	0.00	0.72
26.55	1.02	0.00	1.02	29.15	0.72	0.00	0.72
26.60	1.01	0.00	1.01	29.20	0.71	0.00	0.71
26.65	1.01	0.00	1.01	29.25	0.71	0.00	0.71
26.70	1.00	0.00	1.00	29.30	0.70	0.00	0.70
26.75	0.99	0.00	0.99	29.35	0.70	0.00	0.70
26.80	0.98	0.00	0.98	29.40	0.70	0.00	0.70
26.85	0.98	0.00	0.98	29.45	0.69	0.00	0.69
26.90	0.97	0.00	0.97	29.50	0.69	0.00	0.69
26.95	0.96	0.00	0.96	29.55	0.69	0.00	0.69
27.00	0.96	0.00	0.96	29.60	0.68	0.00	0.68
27.05	0.95	0.00	0.95	29.65	0.68	0.00	0.68
27.10	0.94	0.00	0.94	29.70	0.67	0.00	0.67
27.15	0.94	0.00	0.94	29.75	0.67	0.00	0.67
27.20	0.93	0.00	0.93	29.80	0.67	0.00	0.67
27.25	0.92	0.00	0.92	29.85	0.66	0.00	0.66
27.30	0.92	0.00	0.92	29.90	0.66	0.00	0.66
27.35	0.91	0.00	0.91	29.95	0.66	0.00	0.66
27.40	0.90	0.00	0.90	30.00	0.65	0.00	0.65
27.45	0.90	0.00	0.90	30.05	0.65	0.00	0.65
27.50	0.89	0.00	0.89	30.10	0.64	0.00	0.64
27.55	0.88	0.00	0.88	30.15	0.64	0.00	0.64
27.60	0.88	0.00	0.88	30.20	0.64	0.00	0.64
27.65	0.87	0.00	0.87	30.25	0.63	0.00	0.63
27.70	0.87	0.00	0.87	30.30	0.63	0.00	0.63
27.75	0.86	0.00	0.86	30.35	0.63	0.00	0.63
27.80	0.85	0.00	0.85	30.40	0.62	0.00	0.62
27.85	0.85	0.00	0.85	30.45	0.62	0.00	0.62
27.90	0.84	0.00	0.84	30.50	0.62	0.00	0.62
27.95	0.84	0.00	0.84	30.55	0.61	0.00	0.61
28.00	0.83	0.00	0.83	30.60	0.61	0.00	0.61
28.05	0.83	0.00	0.83	30.65	0.61	0.00	0.61
28.10	0.82	0.00	0.82	30.70	0.60	0.00	0.60
28.15	0.81	0.00	0.81	30.75	0.60	0.00	0.60
28.20	0.81	0.00	0.81	30.80	0.60	0.00	0.60
28.25	0.80	0.00	0.80	30.85	0.59	0.00	0.59
28.30	0.80	0.00	0.80	30.90	0.59	0.00	0.59
28.35	0.79	0.00	0.79	30.95	0.59	0.00	0.59
28.40	0.79	0.00	0.79	31.00	0.58	0.00	0.58
28.45	0.78	0.00	0.78	31.05	0.58	0.00	0.58
28.50	0.78	0.00	0.78	31.10	0.58	0.00	0.58
28.55	0.77	0.00	0.77	31.15	0.58	0.00	0.58

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.57	0.00	0.57	33.80	0.44	0.00	0.44
31.25	0.57	0.00	0.57	33.85	0.44	0.00	0.44
31.30	0.57	0.00	0.57	33.90	0.44	0.00	0.44
31.35	0.56	0.00	0.56	33.95	0.44	0.00	0.44
31.40	0.56	0.00	0.56	34.00	0.43	0.00	0.43
31.45	0.56	0.00	0.56	34.05	0.43	0.00	0.43
31.50	0.55	0.00	0.55	34.10	0.43	0.00	0.43
31.55	0.55	0.00	0.55	34.15	0.43	0.00	0.43
31.60	0.55	0.00	0.55	34.20	0.43	0.00	0.43
31.65	0.54	0.00	0.54	34.25	0.42	0.00	0.42
31.70	0.54	0.00	0.54	34.30	0.42	0.00	0.42
31.75	0.54	0.00	0.54	34.35	0.42	0.00	0.42
31.80	0.54	0.00	0.54	34.40	0.42	0.00	0.42
31.85	0.53	0.00	0.53	34.45	0.42	0.00	0.42
31.90	0.53	0.00	0.53	34.50	0.41	0.00	0.41
31.95	0.53	0.00	0.53	34.55	0.41	0.00	0.41
32.00	0.53	0.00	0.53	34.60	0.41	0.00	0.41
32.05	0.52	0.00	0.52	34.65	0.41	0.00	0.41
32.10	0.52	0.00	0.52	34.70	0.41	0.00	0.41
32.15	0.52	0.00	0.52	34.75	0.41	0.00	0.41
32.20	0.51	0.00	0.51	34.80	0.40	0.00	0.40
32.25	0.51	0.00	0.51	34.85	0.40	0.00	0.40
32.30	0.51	0.00	0.51	34.90	0.40	0.00	0.40
32.35	0.51	0.00	0.51	34.95	0.40	0.00	0.40
32.40	0.50	0.00	0.50	35.00	0.40	0.00	0.40
32.45	0.50	0.00	0.50	35.05	0.39	0.00	0.39
32.50	0.50	0.00	0.50	35.10	0.39	0.00	0.39
32.55	0.50	0.00	0.50	35.15	0.39	0.00	0.39
32.60	0.50	0.00	0.50	35.20	0.39	0.00	0.39
32.65	0.49	0.00	0.49	35.25	0.39	0.00	0.39
32.70	0.49	0.00	0.49	35.30	0.39	0.00	0.39
32.75	0.49	0.00	0.49	35.35	0.38	0.00	0.38
32.80	0.49	0.00	0.49	35.40	0.38	0.00	0.38
32.85	0.48	0.00	0.48	35.45	0.38	0.00	0.38
32.90	0.48	0.00	0.48	35.50	0.38	0.00	0.38
32.95	0.48	0.00	0.48	35.55	0.38	0.00	0.38
33.00	0.48	0.00	0.48	35.60	0.37	0.00	0.37
33.05	0.47	0.00	0.47	35.65	0.37	0.00	0.37
33.10	0.47	0.00	0.47	35.70	0.37	0.00	0.37
33.15	0.47	0.00	0.47	35.75	0.37	0.00	0.37
33.20	0.47	0.00	0.47	35.80	0.37	0.00	0.37
33.25	0.47	0.00	0.47	35.85	0.37	0.00	0.37
33.30	0.46	0.00	0.46	35.90	0.36	0.00	0.36
33.35	0.46	0.00	0.46	35.95	0.36	0.00	0.36
33.40	0.46	0.00	0.46	36.00	0.36	0.00	0.36
33.45	0.46	0.00	0.46	36.05	0.36	0.00	0.36
33.50	0.45	0.00	0.45	36.10	0.36	0.00	0.36
33.55	0.45	0.00	0.45	36.15	0.35	0.00	0.35
33.60	0.45	0.00	0.45	36.20	0.35	0.00	0.35
33.65	0.45	0.00	0.45	36.25	0.35	0.00	0.35
33.70	0.45	0.00	0.45	36.30	0.35	0.00	0.35
33.75	0.44	0.00	0.44	36.35	0.35	0.00	0.35

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.35	0.00	0.35	39.00	0.26	0.00	0.26
36.45	0.34	0.00	0.34	39.05	0.26	0.00	0.26
36.50	0.34	0.00	0.34	39.10	0.26	0.00	0.26
36.55	0.34	0.00	0.34	39.15	0.25	0.00	0.25
36.60	0.34	0.00	0.34	39.20	0.25	0.00	0.25
36.65	0.34	0.00	0.34	39.25	0.25	0.00	0.25
36.70	0.34	0.00	0.34	39.30	0.25	0.00	0.25
36.75	0.33	0.00	0.33	39.35	0.25	0.00	0.25
36.80	0.33	0.00	0.33	39.40	0.25	0.00	0.25
36.85	0.33	0.00	0.33	39.45	0.24	0.00	0.24
36.90	0.33	0.00	0.33	39.50	0.24	0.00	0.24
36.95	0.33	0.00	0.33	39.55	0.24	0.00	0.24
37.00	0.33	0.00	0.33	39.60	0.24	0.00	0.24
37.05	0.32	0.00	0.32	39.65	0.24	0.00	0.24
37.10	0.32	0.00	0.32	39.70	0.24	0.00	0.24
37.15	0.32	0.00	0.32	39.75	0.23	0.00	0.23
37.20	0.32	0.00	0.32	39.80	0.23	0.00	0.23
37.25	0.32	0.00	0.32	39.85	0.23	0.00	0.23
37.30	0.32	0.00	0.32	39.90	0.23	0.00	0.23
37.35	0.31	0.00	0.31	39.95	0.23	0.00	0.23
37.40	0.31	0.00	0.31	40.00	0.23	0.00	0.23
37.45	0.31	0.00	0.31				
37.50	0.31	0.00	0.31				
37.55	0.31	0.00	0.31				
37.60	0.31	0.00	0.31				
37.65	0.30	0.00	0.30				
37.70	0.30	0.00	0.30				
37.75	0.30	0.00	0.30				
37.80	0.30	0.00	0.30				
37.85	0.30	0.00	0.30				
37.90	0.30	0.00	0.30				
37.95	0.29	0.00	0.29				
38.00	0.29	0.00	0.29				
38.05	0.29	0.00	0.29				
38.10	0.29	0.00	0.29				
38.15	0.29	0.00	0.29				
38.20	0.29	0.00	0.29				
38.25	0.28	0.00	0.28				
38.30	0.28	0.00	0.28				
38.35	0.28	0.00	0.28				
38.40	0.28	0.00	0.28				
38.45	0.28	0.00	0.28				
38.50	0.28	0.00	0.28				
38.55	0.27	0.00	0.27				
38.60	0.27	0.00	0.27				
38.65	0.27	0.00	0.27				
38.70	0.27	0.00	0.27				
38.75	0.27	0.00	0.27				
38.80	0.27	0.00	0.27				
38.85	0.26	0.00	0.26				
38.90	0.26	0.00	0.26				
38.95	0.26	0.00	0.26				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 3.47 cfs @ 12.17 hrs, Volume= 0.307 af, Depth= 8.20"
 Routed to Pond B-18 : Basin #18

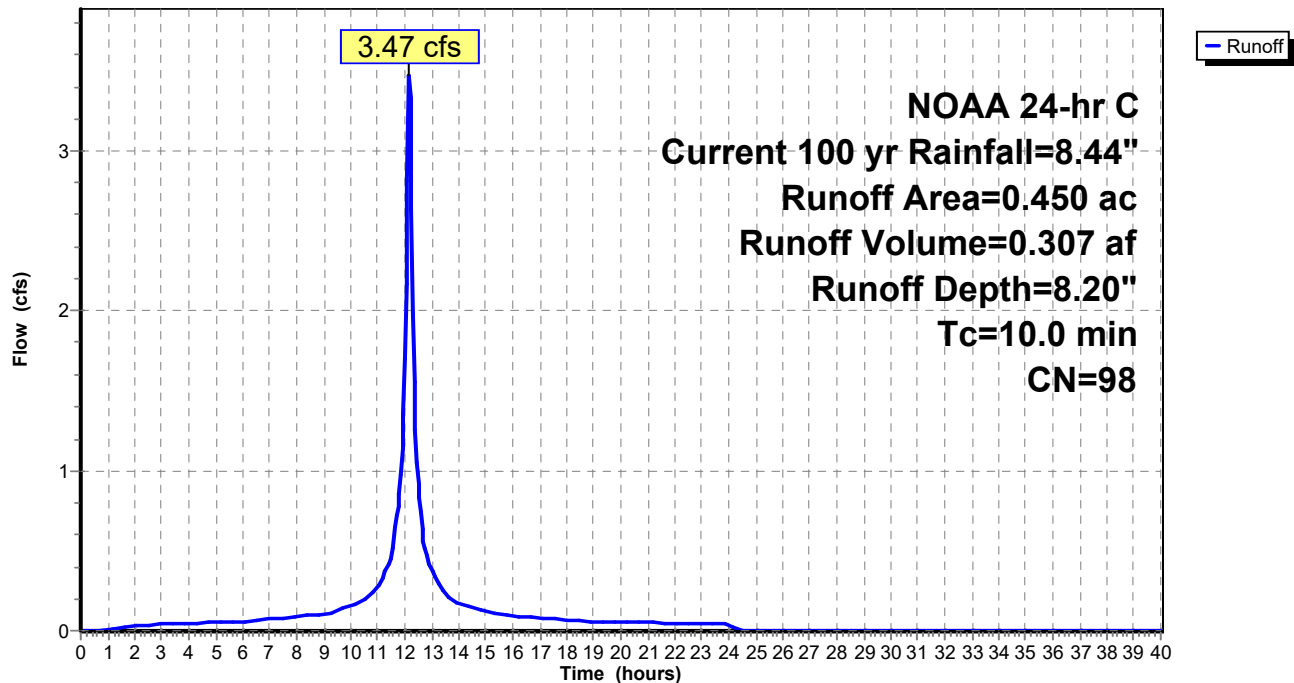
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.04
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.04
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.04
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.04
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.04
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.04
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.04
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.04
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.04
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.04
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.04
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.04
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.04
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.04
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.04
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.04
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.04
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.04
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.04
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.04
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.04
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.04
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.04
1.15	0.11	0.02	0.02	3.75	0.38	0.21	0.04
1.20	0.11	0.02	0.02	3.80	0.39	0.22	0.05
1.25	0.12	0.02	0.02	3.85	0.40	0.22	0.05
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.05
1.35	0.13	0.02	0.02	3.95	0.41	0.24	0.05
1.40	0.13	0.03	0.02	4.00	0.41	0.24	0.05
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.05
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.05
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.05
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.05
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.05
1.70	0.16	0.04	0.03	4.30	0.45	0.27	0.05
1.75	0.17	0.05	0.03	4.35	0.46	0.28	0.05
1.80	0.17	0.05	0.03	4.40	0.46	0.28	0.05
1.85	0.18	0.05	0.03	4.45	0.47	0.29	0.05
1.90	0.18	0.06	0.03	4.50	0.47	0.29	0.05
1.95	0.19	0.06	0.03	4.55	0.48	0.30	0.05
2.00	0.19	0.06	0.03	4.60	0.49	0.31	0.05
2.05	0.20	0.07	0.03	4.65	0.49	0.31	0.05
2.10	0.20	0.07	0.03	4.70	0.50	0.32	0.05
2.15	0.21	0.07	0.03	4.75	0.51	0.32	0.05
2.20	0.21	0.08	0.03	4.80	0.51	0.33	0.05
2.25	0.22	0.08	0.03	4.85	0.52	0.33	0.05
2.30	0.22	0.09	0.03	4.90	0.52	0.34	0.05
2.35	0.23	0.09	0.03	4.95	0.53	0.35	0.05
2.40	0.23	0.09	0.03	5.00	0.54	0.35	0.05
2.45	0.24	0.10	0.03	5.05	0.54	0.36	0.05
2.50	0.24	0.10	0.03	5.10	0.55	0.36	0.05
2.55	0.25	0.10	0.04	5.15	0.56	0.37	0.05

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.05	7.80	0.97	0.76	0.08
5.25	0.57	0.38	0.05	7.85	0.98	0.77	0.09
5.30	0.58	0.39	0.05	7.90	0.99	0.78	0.09
5.35	0.58	0.39	0.05	7.95	1.00	0.79	0.09
5.40	0.59	0.40	0.05	8.00	1.01	0.80	0.09
5.45	0.60	0.41	0.05	8.05	1.02	0.81	0.09
5.50	0.60	0.41	0.05	8.10	1.03	0.82	0.09
5.55	0.61	0.42	0.06	8.15	1.04	0.83	0.09
5.60	0.62	0.42	0.06	8.20	1.05	0.84	0.09
5.65	0.62	0.43	0.06	8.25	1.06	0.85	0.09
5.70	0.63	0.44	0.06	8.30	1.07	0.86	0.09
5.75	0.64	0.44	0.06	8.35	1.08	0.87	0.09
5.80	0.64	0.45	0.06	8.40	1.10	0.88	0.09
5.85	0.65	0.45	0.06	8.45	1.11	0.89	0.09
5.90	0.66	0.46	0.06	8.50	1.12	0.91	0.10
5.95	0.66	0.47	0.06	8.55	1.13	0.92	0.10
6.00	0.67	0.47	0.06	8.60	1.14	0.93	0.10
6.05	0.68	0.48	0.06	8.65	1.15	0.94	0.10
6.10	0.68	0.49	0.06	8.70	1.16	0.95	0.10
6.15	0.69	0.49	0.06	8.75	1.17	0.96	0.10
6.20	0.70	0.50	0.06	8.80	1.19	0.97	0.10
6.25	0.70	0.51	0.06	8.85	1.20	0.98	0.10
6.30	0.71	0.51	0.06	8.90	1.21	0.99	0.10
6.35	0.72	0.52	0.06	8.95	1.22	1.01	0.10
6.40	0.73	0.53	0.06	9.00	1.23	1.02	0.10
6.45	0.73	0.54	0.06	9.05	1.25	1.03	0.10
6.50	0.74	0.54	0.06	9.10	1.26	1.04	0.11
6.55	0.75	0.55	0.06	9.15	1.27	1.05	0.11
6.60	0.76	0.56	0.07	9.20	1.28	1.07	0.11
6.65	0.77	0.57	0.07	9.25	1.30	1.08	0.11
6.70	0.77	0.57	0.07	9.30	1.31	1.09	0.12
6.75	0.78	0.58	0.07	9.35	1.33	1.11	0.12
6.80	0.79	0.59	0.07	9.40	1.34	1.12	0.12
6.85	0.80	0.60	0.07	9.45	1.35	1.14	0.12
6.90	0.81	0.60	0.07	9.50	1.37	1.15	0.13
6.95	0.81	0.61	0.07	9.55	1.39	1.17	0.13
7.00	0.82	0.62	0.07	9.60	1.40	1.18	0.13
7.05	0.83	0.63	0.07	9.65	1.42	1.20	0.14
7.10	0.84	0.64	0.07	9.70	1.43	1.21	0.14
7.15	0.85	0.65	0.07	9.75	1.45	1.23	0.14
7.20	0.86	0.65	0.08	9.80	1.47	1.25	0.14
7.25	0.87	0.66	0.08	9.85	1.49	1.27	0.15
7.30	0.88	0.67	0.08	9.90	1.50	1.28	0.15
7.35	0.89	0.68	0.08	9.95	1.52	1.30	0.15
7.40	0.89	0.69	0.08	10.00	1.54	1.32	0.16
7.45	0.90	0.70	0.08	10.05	1.56	1.34	0.16
7.50	0.91	0.71	0.08	10.10	1.58	1.36	0.16
7.55	0.92	0.72	0.08	10.15	1.60	1.37	0.16
7.60	0.93	0.73	0.08	10.20	1.62	1.39	0.17
7.65	0.94	0.73	0.08	10.25	1.64	1.41	0.17
7.70	0.95	0.74	0.08	10.30	1.66	1.43	0.17
7.75	0.96	0.75	0.08	10.35	1.68	1.45	0.18

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.18	13.00	6.41	6.18	0.39
10.45	1.72	1.50	0.18	13.05	6.45	6.21	0.37
10.50	1.74	1.52	0.19	13.10	6.48	6.24	0.35
10.55	1.76	1.54	0.19	13.15	6.51	6.27	0.33
10.60	1.79	1.56	0.19	13.20	6.54	6.30	0.31
10.65	1.81	1.59	0.20	13.25	6.57	6.33	0.30
10.70	1.84	1.62	0.21	13.30	6.60	6.36	0.28
10.75	1.87	1.64	0.22	13.35	6.63	6.39	0.27
10.80	1.90	1.67	0.23	13.40	6.65	6.41	0.26
10.85	1.93	1.70	0.24	13.45	6.68	6.44	0.25
10.90	1.96	1.73	0.26	13.50	6.70	6.46	0.24
10.95	1.99	1.77	0.27	13.55	6.72	6.48	0.23
11.00	2.03	1.80	0.28	13.60	6.74	6.50	0.22
11.05	2.06	1.84	0.29	13.65	6.76	6.53	0.21
11.10	2.10	1.87	0.30	13.70	6.78	6.55	0.20
11.15	2.14	1.92	0.32	13.75	6.80	6.57	0.19
11.20	2.19	1.96	0.34	13.80	6.82	6.59	0.19
11.25	2.23	2.01	0.36	13.85	6.84	6.61	0.19
11.30	2.28	2.05	0.38	13.90	6.86	6.62	0.18
11.35	2.33	2.10	0.40	13.95	6.88	6.64	0.18
11.40	2.38	2.16	0.42	14.00	6.90	6.66	0.18
11.45	2.44	2.21	0.44	14.05	6.92	6.68	0.17
11.50	2.49	2.26	0.46	14.10	6.94	6.70	0.17
11.55	2.58	2.35	0.49	14.15	6.95	6.72	0.17
11.60	2.66	2.43	0.55	14.20	6.97	6.73	0.16
11.65	2.75	2.52	0.64	14.25	6.99	6.75	0.16
11.70	2.84	2.61	0.72	14.30	7.01	6.77	0.16
11.75	2.97	2.74	0.77	14.35	7.02	6.78	0.16
11.80	3.09	2.86	0.86	14.40	7.04	6.80	0.15
11.85	3.26	3.03	0.98	14.45	7.05	6.82	0.15
11.90	3.43	3.20	1.14	14.50	7.07	6.83	0.15
11.95	3.73	3.49	1.36	14.55	7.09	6.85	0.14
12.00	4.02	3.79	1.70	14.60	7.10	6.86	0.14
12.05	4.52	4.28	2.17	14.65	7.11	6.88	0.14
12.10	5.01	4.77	2.81	14.70	7.13	6.89	0.14
12.15	5.18	4.94	3.42	14.75	7.14	6.90	0.13
12.20	5.35	5.11	3.33	14.80	7.16	6.92	0.13
12.25	5.47	5.24	2.64	14.85	7.17	6.93	0.13
12.30	5.60	5.36	1.99	14.90	7.18	6.94	0.12
12.35	5.69	5.45	1.56	14.95	7.19	6.96	0.12
12.40	5.78	5.54	1.26	15.00	7.21	6.97	0.12
12.45	5.86	5.62	1.05	15.05	7.22	6.98	0.12
12.50	5.95	5.71	0.92	15.10	7.23	6.99	0.11
12.55	6.00	5.76	0.84	15.15	7.24	7.00	0.11
12.60	6.06	5.82	0.74	15.20	7.25	7.02	0.11
12.65	6.11	5.87	0.64	15.25	7.27	7.03	0.11
12.70	6.16	5.92	0.56	15.30	7.28	7.04	0.11
12.75	6.21	5.97	0.51	15.35	7.29	7.05	0.11
12.80	6.25	6.02	0.48	15.40	7.30	7.06	0.10
12.85	6.30	6.06	0.45	15.45	7.31	7.07	0.10
12.90	6.34	6.10	0.43	15.50	7.32	7.08	0.10
12.95	6.38	6.14	0.41	15.55	7.33	7.09	0.10

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.10	18.20	7.80	7.56	0.06
15.65	7.36	7.12	0.10	18.25	7.80	7.57	0.06
15.70	7.37	7.13	0.10	18.30	7.81	7.57	0.06
15.75	7.38	7.14	0.10	18.35	7.82	7.58	0.06
15.80	7.39	7.15	0.10	18.40	7.82	7.59	0.06
15.85	7.40	7.16	0.10	18.45	7.83	7.59	0.06
15.90	7.41	7.17	0.10	18.50	7.84	7.60	0.06
15.95	7.42	7.18	0.10	18.55	7.84	7.61	0.06
16.00	7.43	7.19	0.10	18.60	7.85	7.61	0.06
16.05	7.44	7.20	0.09	18.65	7.86	7.62	0.06
16.10	7.45	7.21	0.09	18.70	7.86	7.62	0.06
16.15	7.46	7.22	0.09	18.75	7.87	7.63	0.06
16.20	7.47	7.23	0.09	18.80	7.88	7.64	0.06
16.25	7.48	7.24	0.09	18.85	7.88	7.64	0.06
16.30	7.49	7.25	0.09	18.90	7.89	7.65	0.06
16.35	7.50	7.26	0.09	18.95	7.90	7.66	0.06
16.40	7.51	7.27	0.09	19.00	7.90	7.66	0.06
16.45	7.52	7.28	0.09	19.05	7.91	7.67	0.06
16.50	7.53	7.29	0.09	19.10	7.92	7.68	0.06
16.55	7.54	7.30	0.09	19.15	7.92	7.68	0.06
16.60	7.55	7.31	0.09	19.20	7.93	7.69	0.06
16.65	7.55	7.32	0.09	19.25	7.93	7.70	0.06
16.70	7.56	7.32	0.08	19.30	7.94	7.70	0.06
16.75	7.57	7.33	0.08	19.35	7.95	7.71	0.06
16.80	7.58	7.34	0.08	19.40	7.95	7.71	0.06
16.85	7.59	7.35	0.08	19.45	7.96	7.72	0.06
16.90	7.60	7.36	0.08	19.50	7.97	7.73	0.06
16.95	7.61	7.37	0.08	19.55	7.97	7.73	0.06
17.00	7.62	7.38	0.08	19.60	7.98	7.74	0.06
17.05	7.63	7.39	0.08	19.65	7.98	7.74	0.06
17.10	7.63	7.39	0.08	19.70	7.99	7.75	0.06
17.15	7.64	7.40	0.08	19.75	8.00	7.76	0.06
17.20	7.65	7.41	0.08	19.80	8.00	7.76	0.06
17.25	7.66	7.42	0.08	19.85	8.01	7.77	0.06
17.30	7.67	7.43	0.08	19.90	8.01	7.78	0.06
17.35	7.67	7.43	0.07	19.95	8.02	7.78	0.06
17.40	7.68	7.44	0.07	20.00	8.03	7.79	0.05
17.45	7.69	7.45	0.07	20.05	8.03	7.79	0.05
17.50	7.70	7.46	0.07	20.10	8.04	7.80	0.05
17.55	7.71	7.47	0.07	20.15	8.04	7.80	0.05
17.60	7.71	7.47	0.07	20.20	8.05	7.81	0.05
17.65	7.72	7.48	0.07	20.25	8.06	7.82	0.05
17.70	7.73	7.49	0.07	20.30	8.06	7.82	0.05
17.75	7.74	7.50	0.07	20.35	8.07	7.83	0.05
17.80	7.74	7.50	0.07	20.40	8.07	7.83	0.05
17.85	7.75	7.51	0.07	20.45	8.08	7.84	0.05
17.90	7.76	7.52	0.07	20.50	8.09	7.85	0.05
17.95	7.76	7.52	0.07	20.55	8.09	7.85	0.05
18.00	7.77	7.53	0.06	20.60	8.10	7.86	0.05
18.05	7.78	7.54	0.06	20.65	8.10	7.86	0.05
18.10	7.78	7.55	0.06	20.70	8.11	7.87	0.05
18.15	7.79	7.55	0.06	20.75	8.11	7.87	0.05

Hydrograph for Subcatchment 18l: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.05	23.40	8.38	8.14	0.04
20.85	8.13	7.89	0.05	23.45	8.39	8.15	0.04
20.90	8.13	7.89	0.05	23.50	8.39	8.15	0.04
20.95	8.14	7.90	0.05	23.55	8.40	8.16	0.04
21.00	8.14	7.90	0.05	23.60	8.40	8.16	0.04
21.05	8.15	7.91	0.05	23.65	8.41	8.17	0.04
21.10	8.15	7.91	0.05	23.70	8.41	8.17	0.04
21.15	8.16	7.92	0.05	23.75	8.42	8.18	0.04
21.20	8.16	7.92	0.05	23.80	8.42	8.18	0.04
21.25	8.17	7.93	0.05	23.85	8.42	8.18	0.04
21.30	8.18	7.94	0.05	23.90	8.43	8.19	0.04
21.35	8.18	7.94	0.05	23.95	8.43	8.19	0.04
21.40	8.19	7.95	0.05	24.00	8.44	8.20	0.04
21.45	8.19	7.95	0.05	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.05	24.10	8.44	8.20	0.04
21.55	8.20	7.96	0.05	24.15	8.44	8.20	0.02
21.60	8.21	7.97	0.05	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.05	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.05	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.05	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.05	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.05	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.05	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.05	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.05	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.05	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.05	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.05	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.05	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.05	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.05	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.05	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.05	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.05	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.05	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.05	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.04	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.04	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.04	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.04	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.04	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.04	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.04	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.04	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.04	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.04	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.04	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.04	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.04	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.04	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.04	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.04	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 5.60 cfs @ 12.17 hrs, Volume= 0.426 af, Depth= 5.32"
 Routed to Pond B-18 : Basin #18

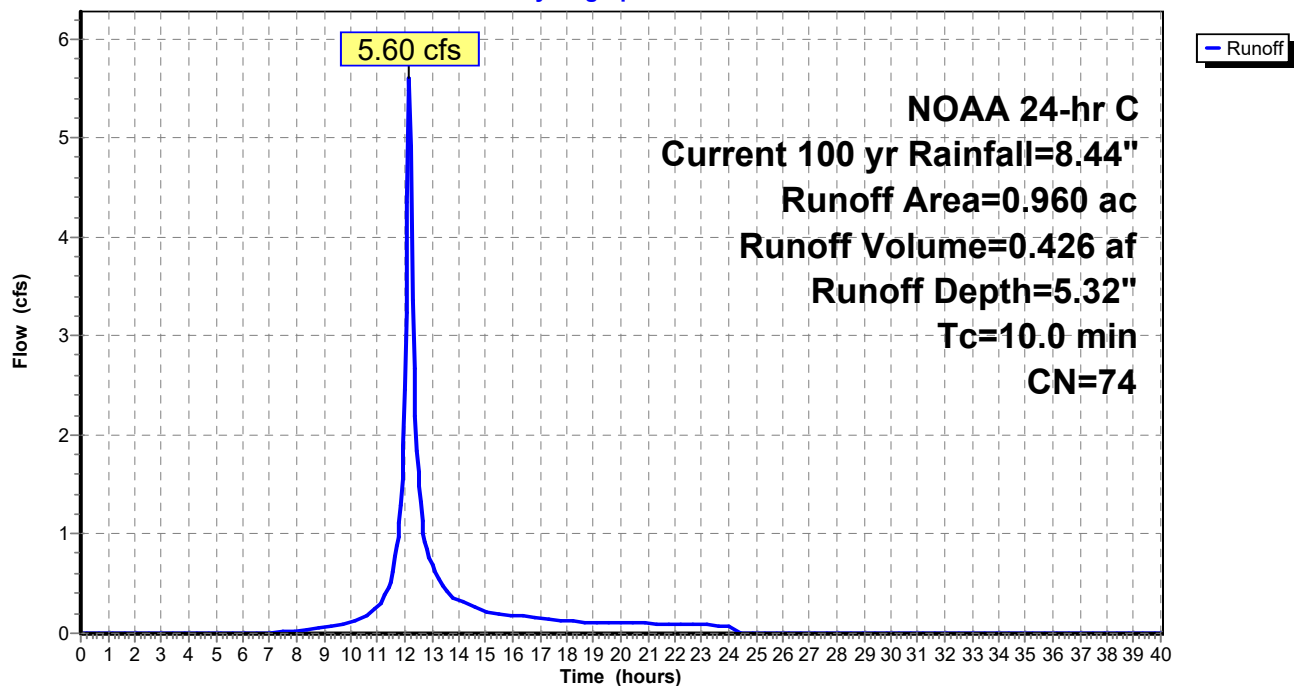
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.03
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.03
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.03
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.04
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.04
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.04
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.04
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.04
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.04
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.04
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.04
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.05
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.05
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.05
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.05
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.05
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.05
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.05
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.06
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.06
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.06
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.06
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.07
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.07
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.07
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.07
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.08
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.08
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.08
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.09
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.09
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.09
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.10
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.10
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.10
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.11
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.11
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.12
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.12
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.12
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.13
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.13
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.14
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.14

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.15	13.00	6.41	3.54	0.70
10.45	1.72	0.23	0.15	13.05	6.45	3.57	0.67
10.50	1.74	0.24	0.15	13.10	6.48	3.59	0.63
10.55	1.76	0.25	0.16	13.15	6.51	3.62	0.60
10.60	1.79	0.26	0.17	13.20	6.54	3.65	0.57
10.65	1.81	0.27	0.18	13.25	6.57	3.67	0.54
10.70	1.84	0.28	0.19	13.30	6.60	3.70	0.52
10.75	1.87	0.29	0.20	13.35	6.63	3.72	0.50
10.80	1.90	0.30	0.21	13.40	6.65	3.74	0.48
10.85	1.93	0.32	0.23	13.45	6.68	3.76	0.46
10.90	1.96	0.33	0.24	13.50	6.70	3.78	0.44
10.95	1.99	0.35	0.25	13.55	6.72	3.80	0.42
11.00	2.03	0.36	0.27	13.60	6.74	3.82	0.40
11.05	2.06	0.38	0.29	13.65	6.76	3.84	0.38
11.10	2.10	0.40	0.30	13.70	6.78	3.85	0.37
11.15	2.14	0.42	0.33	13.75	6.80	3.87	0.36
11.20	2.19	0.44	0.35	13.80	6.82	3.89	0.35
11.25	2.23	0.46	0.38	13.85	6.84	3.91	0.34
11.30	2.28	0.49	0.41	13.90	6.86	3.92	0.34
11.35	2.33	0.52	0.44	13.95	6.88	3.94	0.33
11.40	2.38	0.54	0.47	14.00	6.90	3.96	0.33
11.45	2.44	0.57	0.50	14.05	6.92	3.97	0.32
11.50	2.49	0.60	0.53	14.10	6.94	3.99	0.32
11.55	2.58	0.65	0.57	14.15	6.95	4.00	0.31
11.60	2.66	0.70	0.66	14.20	6.97	4.02	0.31
11.65	2.75	0.76	0.78	14.25	6.99	4.03	0.30
11.70	2.84	0.81	0.89	14.30	7.01	4.05	0.30
11.75	2.97	0.89	0.98	14.35	7.02	4.06	0.29
11.80	3.09	0.97	1.11	14.40	7.04	4.08	0.29
11.85	3.26	1.08	1.30	14.45	7.05	4.09	0.28
11.90	3.43	1.19	1.55	14.50	7.07	4.10	0.28
11.95	3.73	1.40	1.90	14.55	7.09	4.12	0.27
12.00	4.02	1.61	2.45	14.60	7.10	4.13	0.26
12.05	4.52	1.98	3.23	14.65	7.11	4.14	0.26
12.10	5.01	2.37	4.35	14.70	7.13	4.15	0.25
12.15	5.18	2.51	5.47	14.75	7.14	4.17	0.25
12.20	5.35	2.65	5.45	14.80	7.16	4.18	0.24
12.25	5.47	2.75	4.39	14.85	7.17	4.19	0.24
12.30	5.60	2.85	3.36	14.90	7.18	4.20	0.23
12.35	5.69	2.92	2.67	14.95	7.19	4.21	0.23
12.40	5.78	3.00	2.19	15.00	7.21	4.22	0.22
12.45	5.86	3.07	1.84	15.05	7.22	4.23	0.22
12.50	5.95	3.14	1.62	15.10	7.23	4.24	0.21
12.55	6.00	3.19	1.48	15.15	7.24	4.25	0.21
12.60	6.06	3.23	1.32	15.20	7.25	4.26	0.20
12.65	6.11	3.28	1.14	15.25	7.27	4.27	0.20
12.70	6.16	3.32	1.00	15.30	7.28	4.28	0.20
12.75	6.21	3.36	0.92	15.35	7.29	4.29	0.20
12.80	6.25	3.40	0.86	15.40	7.30	4.30	0.20
12.85	6.30	3.44	0.82	15.45	7.31	4.31	0.19
12.90	6.34	3.47	0.78	15.50	7.32	4.32	0.19
12.95	6.38	3.50	0.74	15.55	7.33	4.33	0.19

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.19	18.20	7.80	4.75	0.12
15.65	7.36	4.35	0.19	18.25	7.80	4.75	0.12
15.70	7.37	4.36	0.19	18.30	7.81	4.76	0.12
15.75	7.38	4.37	0.19	18.35	7.82	4.76	0.12
15.80	7.39	4.38	0.18	18.40	7.82	4.77	0.12
15.85	7.40	4.39	0.18	18.45	7.83	4.78	0.12
15.90	7.41	4.40	0.18	18.50	7.84	4.78	0.12
15.95	7.42	4.41	0.18	18.55	7.84	4.79	0.11
16.00	7.43	4.42	0.18	18.60	7.85	4.79	0.11
16.05	7.44	4.43	0.18	18.65	7.86	4.80	0.11
16.10	7.45	4.44	0.18	18.70	7.86	4.80	0.11
16.15	7.46	4.44	0.18	18.75	7.87	4.81	0.11
16.20	7.47	4.45	0.17	18.80	7.88	4.82	0.11
16.25	7.48	4.46	0.17	18.85	7.88	4.82	0.11
16.30	7.49	4.47	0.17	18.90	7.89	4.83	0.11
16.35	7.50	4.48	0.17	18.95	7.90	4.83	0.11
16.40	7.51	4.49	0.17	19.00	7.90	4.84	0.11
16.45	7.52	4.50	0.17	19.05	7.91	4.84	0.11
16.50	7.53	4.50	0.17	19.10	7.92	4.85	0.11
16.55	7.54	4.51	0.16	19.15	7.92	4.86	0.11
16.60	7.55	4.52	0.16	19.20	7.93	4.86	0.11
16.65	7.55	4.53	0.16	19.25	7.93	4.87	0.11
16.70	7.56	4.54	0.16	19.30	7.94	4.87	0.11
16.75	7.57	4.55	0.16	19.35	7.95	4.88	0.11
16.80	7.58	4.55	0.16	19.40	7.95	4.88	0.11
16.85	7.59	4.56	0.16	19.45	7.96	4.89	0.11
16.90	7.60	4.57	0.15	19.50	7.97	4.90	0.11
16.95	7.61	4.58	0.15	19.55	7.97	4.90	0.11
17.00	7.62	4.58	0.15	19.60	7.98	4.91	0.11
17.05	7.63	4.59	0.15	19.65	7.98	4.91	0.11
17.10	7.63	4.60	0.15	19.70	7.99	4.92	0.11
17.15	7.64	4.61	0.15	19.75	8.00	4.92	0.11
17.20	7.65	4.61	0.15	19.80	8.00	4.93	0.11
17.25	7.66	4.62	0.14	19.85	8.01	4.93	0.11
17.30	7.67	4.63	0.14	19.90	8.01	4.94	0.11
17.35	7.67	4.64	0.14	19.95	8.02	4.94	0.11
17.40	7.68	4.64	0.14	20.00	8.03	4.95	0.10
17.45	7.69	4.65	0.14	20.05	8.03	4.96	0.10
17.50	7.70	4.66	0.14	20.10	8.04	4.96	0.10
17.55	7.71	4.66	0.14	20.15	8.04	4.97	0.10
17.60	7.71	4.67	0.13	20.20	8.05	4.97	0.10
17.65	7.72	4.68	0.13	20.25	8.06	4.98	0.10
17.70	7.73	4.68	0.13	20.30	8.06	4.98	0.10
17.75	7.74	4.69	0.13	20.35	8.07	4.99	0.10
17.80	7.74	4.70	0.13	20.40	8.07	4.99	0.10
17.85	7.75	4.70	0.13	20.45	8.08	5.00	0.10
17.90	7.76	4.71	0.13	20.50	8.09	5.00	0.10
17.95	7.76	4.72	0.12	20.55	8.09	5.01	0.10
18.00	7.77	4.72	0.12	20.60	8.10	5.01	0.10
18.05	7.78	4.73	0.12	20.65	8.10	5.02	0.10
18.10	7.78	4.73	0.12	20.70	8.11	5.02	0.10
18.15	7.79	4.74	0.12	20.75	8.11	5.03	0.10

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.10	23.40	8.38	5.27	0.08
20.85	8.13	5.04	0.10	23.45	8.39	5.28	0.08
20.90	8.13	5.04	0.10	23.50	8.39	5.28	0.08
20.95	8.14	5.05	0.10	23.55	8.40	5.28	0.08
21.00	8.14	5.05	0.10	23.60	8.40	5.29	0.08
21.05	8.15	5.06	0.10	23.65	8.41	5.29	0.08
21.10	8.15	5.06	0.10	23.70	8.41	5.30	0.08
21.15	8.16	5.07	0.10	23.75	8.42	5.30	0.08
21.20	8.16	5.07	0.10	23.80	8.42	5.30	0.08
21.25	8.17	5.08	0.10	23.85	8.42	5.31	0.08
21.30	8.18	5.08	0.10	23.90	8.43	5.31	0.08
21.35	8.18	5.09	0.10	23.95	8.43	5.32	0.08
21.40	8.19	5.09	0.10	24.00	8.44	5.32	0.08
21.45	8.19	5.10	0.09	24.05	8.44	5.32	0.08
21.50	8.20	5.10	0.09	24.10	8.44	5.32	0.07
21.55	8.20	5.11	0.09	24.15	8.44	5.32	0.04
21.60	8.21	5.11	0.09	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.09	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.09	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.09	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.09	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.09	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.09	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.09	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.09	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.09	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.09	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.09	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.09	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.09	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.09	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.09	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.09	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.09	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.09	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.09	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.09	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.09	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.09	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.09	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.08	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.08	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.08	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.08	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.08	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.08	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.08	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.08	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.08	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.08	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.08	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.08	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 19I: PDA-19 (impervious)

Runoff = 4.60 cfs @ 12.17 hrs, Volume= 0.408 af, Depth= 8.20"
 Routed to Pond B-19 : Basin #19

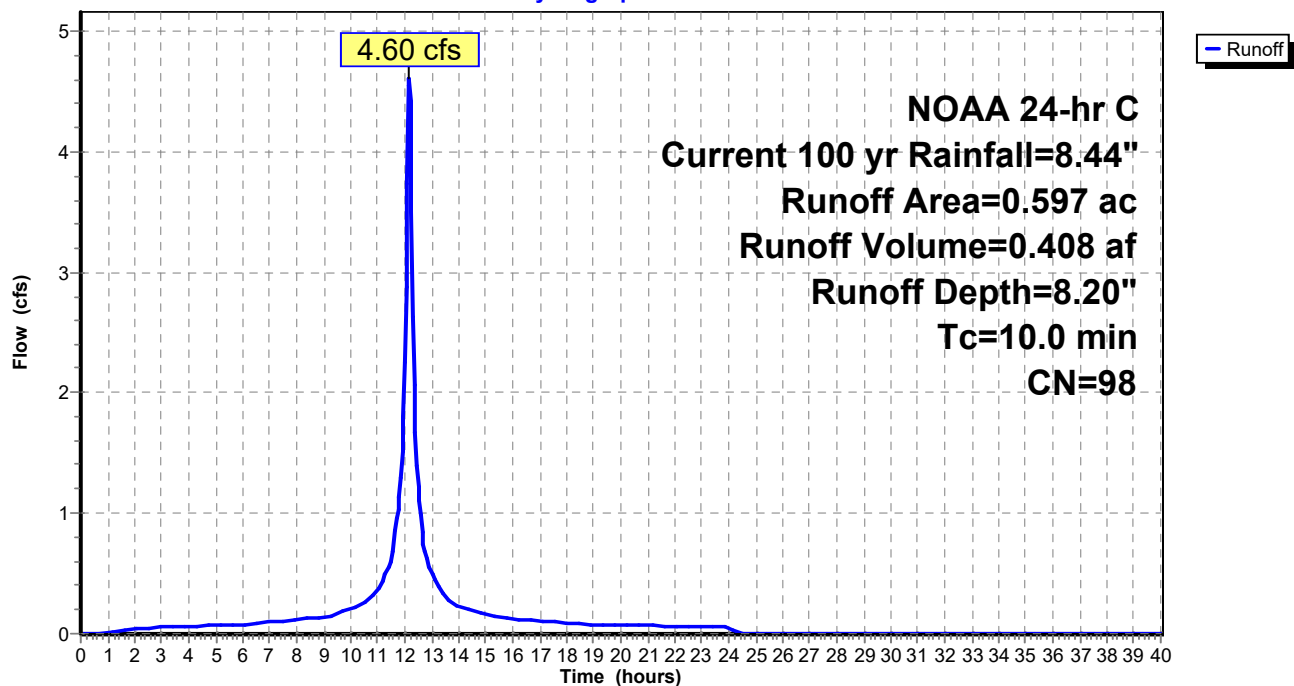
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.132	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.015	98	Concrete, HSG C
0.597	98	Weighted Average
0.597		100.00% Impervious Area

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



Hydrograph for Subcatchment 19I: PDA-19 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.05
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.05
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.05
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.05
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.05
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.05
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.05
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.05
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.05
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.05
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.05
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.05
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.05
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.05
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.06
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.06
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.06
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.06
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.06
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.06
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.06
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.06
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.06
1.15	0.11	0.02	0.02	3.75	0.38	0.21	0.06
1.20	0.11	0.02	0.02	3.80	0.39	0.22	0.06
1.25	0.12	0.02	0.02	3.85	0.40	0.22	0.06
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.06
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.06
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.06
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.06
1.50	0.14	0.03	0.03	4.10	0.43	0.25	0.06
1.55	0.15	0.04	0.03	4.15	0.43	0.26	0.06
1.60	0.15	0.04	0.03	4.20	0.44	0.26	0.06
1.65	0.16	0.04	0.03	4.25	0.44	0.27	0.06
1.70	0.16	0.04	0.03	4.30	0.45	0.27	0.06
1.75	0.17	0.05	0.03	4.35	0.46	0.28	0.06
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.07
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.07
1.90	0.18	0.06	0.04	4.50	0.47	0.29	0.07
1.95	0.19	0.06	0.04	4.55	0.48	0.30	0.07
2.00	0.19	0.06	0.04	4.60	0.49	0.31	0.07
2.05	0.20	0.07	0.04	4.65	0.49	0.31	0.07
2.10	0.20	0.07	0.04	4.70	0.50	0.32	0.07
2.15	0.21	0.07	0.04	4.75	0.51	0.32	0.07
2.20	0.21	0.08	0.04	4.80	0.51	0.33	0.07
2.25	0.22	0.08	0.04	4.85	0.52	0.33	0.07
2.30	0.22	0.09	0.04	4.90	0.52	0.34	0.07
2.35	0.23	0.09	0.04	4.95	0.53	0.35	0.07
2.40	0.23	0.09	0.04	5.00	0.54	0.35	0.07
2.45	0.24	0.10	0.05	5.05	0.54	0.36	0.07
2.50	0.24	0.10	0.05	5.10	0.55	0.36	0.07
2.55	0.25	0.10	0.05	5.15	0.56	0.37	0.07

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.07	7.80	0.97	0.76	0.11
5.25	0.57	0.38	0.07	7.85	0.98	0.77	0.11
5.30	0.58	0.39	0.07	7.90	0.99	0.78	0.11
5.35	0.58	0.39	0.07	7.95	1.00	0.79	0.12
5.40	0.59	0.40	0.07	8.00	1.01	0.80	0.12
5.45	0.60	0.41	0.07	8.05	1.02	0.81	0.12
5.50	0.60	0.41	0.07	8.10	1.03	0.82	0.12
5.55	0.61	0.42	0.07	8.15	1.04	0.83	0.12
5.60	0.62	0.42	0.07	8.20	1.05	0.84	0.12
5.65	0.62	0.43	0.07	8.25	1.06	0.85	0.12
5.70	0.63	0.44	0.07	8.30	1.07	0.86	0.12
5.75	0.64	0.44	0.07	8.35	1.08	0.87	0.12
5.80	0.64	0.45	0.07	8.40	1.10	0.88	0.12
5.85	0.65	0.45	0.08	8.45	1.11	0.89	0.13
5.90	0.66	0.46	0.08	8.50	1.12	0.91	0.13
5.95	0.66	0.47	0.08	8.55	1.13	0.92	0.13
6.00	0.67	0.47	0.08	8.60	1.14	0.93	0.13
6.05	0.68	0.48	0.08	8.65	1.15	0.94	0.13
6.10	0.68	0.49	0.08	8.70	1.16	0.95	0.13
6.15	0.69	0.49	0.08	8.75	1.17	0.96	0.13
6.20	0.70	0.50	0.08	8.80	1.19	0.97	0.13
6.25	0.70	0.51	0.08	8.85	1.20	0.98	0.13
6.30	0.71	0.51	0.08	8.90	1.21	0.99	0.13
6.35	0.72	0.52	0.08	8.95	1.22	1.01	0.14
6.40	0.73	0.53	0.08	9.00	1.23	1.02	0.14
6.45	0.73	0.54	0.08	9.05	1.25	1.03	0.14
6.50	0.74	0.54	0.09	9.10	1.26	1.04	0.14
6.55	0.75	0.55	0.09	9.15	1.27	1.05	0.14
6.60	0.76	0.56	0.09	9.20	1.28	1.07	0.15
6.65	0.77	0.57	0.09	9.25	1.30	1.08	0.15
6.70	0.77	0.57	0.09	9.30	1.31	1.09	0.15
6.75	0.78	0.58	0.09	9.35	1.33	1.11	0.16
6.80	0.79	0.59	0.09	9.40	1.34	1.12	0.16
6.85	0.80	0.60	0.09	9.45	1.35	1.14	0.17
6.90	0.81	0.60	0.09	9.50	1.37	1.15	0.17
6.95	0.81	0.61	0.09	9.55	1.39	1.17	0.17
7.00	0.82	0.62	0.10	9.60	1.40	1.18	0.18
7.05	0.83	0.63	0.10	9.65	1.42	1.20	0.18
7.10	0.84	0.64	0.10	9.70	1.43	1.21	0.18
7.15	0.85	0.65	0.10	9.75	1.45	1.23	0.19
7.20	0.86	0.65	0.10	9.80	1.47	1.25	0.19
7.25	0.87	0.66	0.10	9.85	1.49	1.27	0.20
7.30	0.88	0.67	0.10	9.90	1.50	1.28	0.20
7.35	0.89	0.68	0.10	9.95	1.52	1.30	0.20
7.40	0.89	0.69	0.10	10.00	1.54	1.32	0.21
7.45	0.90	0.70	0.10	10.05	1.56	1.34	0.21
7.50	0.91	0.71	0.11	10.10	1.58	1.36	0.22
7.55	0.92	0.72	0.11	10.15	1.60	1.37	0.22
7.60	0.93	0.73	0.11	10.20	1.62	1.39	0.22
7.65	0.94	0.73	0.11	10.25	1.64	1.41	0.23
7.70	0.95	0.74	0.11	10.30	1.66	1.43	0.23
7.75	0.96	0.75	0.11	10.35	1.68	1.45	0.23

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.24	13.00	6.41	6.18	0.51
10.45	1.72	1.50	0.24	13.05	6.45	6.21	0.49
10.50	1.74	1.52	0.25	13.10	6.48	6.24	0.46
10.55	1.76	1.54	0.25	13.15	6.51	6.27	0.43
10.60	1.79	1.56	0.26	13.20	6.54	6.30	0.41
10.65	1.81	1.59	0.27	13.25	6.57	6.33	0.39
10.70	1.84	1.62	0.28	13.30	6.60	6.36	0.38
10.75	1.87	1.64	0.30	13.35	6.63	6.39	0.36
10.80	1.90	1.67	0.31	13.40	6.65	6.41	0.35
10.85	1.93	1.70	0.32	13.45	6.68	6.44	0.33
10.90	1.96	1.73	0.34	13.50	6.70	6.46	0.32
10.95	1.99	1.77	0.35	13.55	6.72	6.48	0.30
11.00	2.03	1.80	0.37	13.60	6.74	6.50	0.29
11.05	2.06	1.84	0.38	13.65	6.76	6.53	0.27
11.10	2.10	1.87	0.40	13.70	6.78	6.55	0.26
11.15	2.14	1.92	0.43	13.75	6.80	6.57	0.26
11.20	2.19	1.96	0.45	13.80	6.82	6.59	0.25
11.25	2.23	2.01	0.48	13.85	6.84	6.61	0.25
11.30	2.28	2.05	0.51	13.90	6.86	6.62	0.24
11.35	2.33	2.10	0.53	13.95	6.88	6.64	0.24
11.40	2.38	2.16	0.56	14.00	6.90	6.66	0.23
11.45	2.44	2.21	0.59	14.05	6.92	6.68	0.23
11.50	2.49	2.26	0.61	14.10	6.94	6.70	0.23
11.55	2.58	2.35	0.65	14.15	6.95	6.72	0.22
11.60	2.66	2.43	0.73	14.20	6.97	6.73	0.22
11.65	2.75	2.52	0.85	14.25	6.99	6.75	0.22
11.70	2.84	2.61	0.95	14.30	7.01	6.77	0.21
11.75	2.97	2.74	1.03	14.35	7.02	6.78	0.21
11.80	3.09	2.86	1.14	14.40	7.04	6.80	0.20
11.85	3.26	3.03	1.30	14.45	7.05	6.82	0.20
11.90	3.43	3.20	1.52	14.50	7.07	6.83	0.20
11.95	3.73	3.49	1.80	14.55	7.09	6.85	0.19
12.00	4.02	3.79	2.26	14.60	7.10	6.86	0.19
12.05	4.52	4.28	2.88	14.65	7.11	6.88	0.18
12.10	5.01	4.77	3.73	14.70	7.13	6.89	0.18
12.15	5.18	4.94	4.54	14.75	7.14	6.90	0.18
12.20	5.35	5.11	4.42	14.80	7.16	6.92	0.17
12.25	5.47	5.24	3.50	14.85	7.17	6.93	0.17
12.30	5.60	5.36	2.63	14.90	7.18	6.94	0.17
12.35	5.69	5.45	2.07	14.95	7.19	6.96	0.16
12.40	5.78	5.54	1.67	15.00	7.21	6.97	0.16
12.45	5.86	5.62	1.40	15.05	7.22	6.98	0.15
12.50	5.95	5.71	1.22	15.10	7.23	6.99	0.15
12.55	6.00	5.76	1.11	15.15	7.24	7.00	0.15
12.60	6.06	5.82	0.98	15.20	7.25	7.02	0.14
12.65	6.11	5.87	0.84	15.25	7.27	7.03	0.14
12.70	6.16	5.92	0.74	15.30	7.28	7.04	0.14
12.75	6.21	5.97	0.68	15.35	7.29	7.05	0.14
12.80	6.25	6.02	0.64	15.40	7.30	7.06	0.14
12.85	6.30	6.06	0.60	15.45	7.31	7.07	0.14
12.90	6.34	6.10	0.57	15.50	7.32	7.08	0.14
12.95	6.38	6.14	0.54	15.55	7.33	7.09	0.14

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.13	18.20	7.80	7.56	0.08
15.65	7.36	7.12	0.13	18.25	7.80	7.57	0.08
15.70	7.37	7.13	0.13	18.30	7.81	7.57	0.08
15.75	7.38	7.14	0.13	18.35	7.82	7.58	0.08
15.80	7.39	7.15	0.13	18.40	7.82	7.59	0.08
15.85	7.40	7.16	0.13	18.45	7.83	7.59	0.08
15.90	7.41	7.17	0.13	18.50	7.84	7.60	0.08
15.95	7.42	7.18	0.13	18.55	7.84	7.61	0.08
16.00	7.43	7.19	0.13	18.60	7.85	7.61	0.08
16.05	7.44	7.20	0.13	18.65	7.86	7.62	0.08
16.10	7.45	7.21	0.12	18.70	7.86	7.62	0.08
16.15	7.46	7.22	0.12	18.75	7.87	7.63	0.08
16.20	7.47	7.23	0.12	18.80	7.88	7.64	0.08
16.25	7.48	7.24	0.12	18.85	7.88	7.64	0.08
16.30	7.49	7.25	0.12	18.90	7.89	7.65	0.08
16.35	7.50	7.26	0.12	18.95	7.90	7.66	0.08
16.40	7.51	7.27	0.12	19.00	7.90	7.66	0.08
16.45	7.52	7.28	0.12	19.05	7.91	7.67	0.08
16.50	7.53	7.29	0.12	19.10	7.92	7.68	0.08
16.55	7.54	7.30	0.12	19.15	7.92	7.68	0.08
16.60	7.55	7.31	0.11	19.20	7.93	7.69	0.08
16.65	7.55	7.32	0.11	19.25	7.93	7.70	0.08
16.70	7.56	7.32	0.11	19.30	7.94	7.70	0.08
16.75	7.57	7.33	0.11	19.35	7.95	7.71	0.08
16.80	7.58	7.34	0.11	19.40	7.95	7.71	0.08
16.85	7.59	7.35	0.11	19.45	7.96	7.72	0.08
16.90	7.60	7.36	0.11	19.50	7.97	7.73	0.08
16.95	7.61	7.37	0.11	19.55	7.97	7.73	0.07
17.00	7.62	7.38	0.11	19.60	7.98	7.74	0.07
17.05	7.63	7.39	0.11	19.65	7.98	7.74	0.07
17.10	7.63	7.39	0.10	19.70	7.99	7.75	0.07
17.15	7.64	7.40	0.10	19.75	8.00	7.76	0.07
17.20	7.65	7.41	0.10	19.80	8.00	7.76	0.07
17.25	7.66	7.42	0.10	19.85	8.01	7.77	0.07
17.30	7.67	7.43	0.10	19.90	8.01	7.78	0.07
17.35	7.67	7.43	0.10	19.95	8.02	7.78	0.07
17.40	7.68	7.44	0.10	20.00	8.03	7.79	0.07
17.45	7.69	7.45	0.10	20.05	8.03	7.79	0.07
17.50	7.70	7.46	0.10	20.10	8.04	7.80	0.07
17.55	7.71	7.47	0.09	20.15	8.04	7.80	0.07
17.60	7.71	7.47	0.09	20.20	8.05	7.81	0.07
17.65	7.72	7.48	0.09	20.25	8.06	7.82	0.07
17.70	7.73	7.49	0.09	20.30	8.06	7.82	0.07
17.75	7.74	7.50	0.09	20.35	8.07	7.83	0.07
17.80	7.74	7.50	0.09	20.40	8.07	7.83	0.07
17.85	7.75	7.51	0.09	20.45	8.08	7.84	0.07
17.90	7.76	7.52	0.09	20.50	8.09	7.85	0.07
17.95	7.76	7.52	0.09	20.55	8.09	7.85	0.07
18.00	7.77	7.53	0.09	20.60	8.10	7.86	0.07
18.05	7.78	7.54	0.08	20.65	8.10	7.86	0.07
18.10	7.78	7.55	0.08	20.70	8.11	7.87	0.07
18.15	7.79	7.55	0.08	20.75	8.11	7.87	0.07

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.07	23.40	8.38	8.14	0.06
20.85	8.13	7.89	0.07	23.45	8.39	8.15	0.06
20.90	8.13	7.89	0.07	23.50	8.39	8.15	0.06
20.95	8.14	7.90	0.07	23.55	8.40	8.16	0.05
21.00	8.14	7.90	0.07	23.60	8.40	8.16	0.05
21.05	8.15	7.91	0.07	23.65	8.41	8.17	0.05
21.10	8.15	7.91	0.07	23.70	8.41	8.17	0.05
21.15	8.16	7.92	0.07	23.75	8.42	8.18	0.05
21.20	8.16	7.92	0.07	23.80	8.42	8.18	0.05
21.25	8.17	7.93	0.07	23.85	8.42	8.18	0.05
21.30	8.18	7.94	0.07	23.90	8.43	8.19	0.05
21.35	8.18	7.94	0.07	23.95	8.43	8.19	0.05
21.40	8.19	7.95	0.07	24.00	8.44	8.20	0.06
21.45	8.19	7.95	0.07	24.05	8.44	8.20	0.06
21.50	8.20	7.96	0.07	24.10	8.44	8.20	0.05
21.55	8.20	7.96	0.06	24.15	8.44	8.20	0.03
21.60	8.21	7.97	0.06	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.06	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.06	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.06	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.06	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.06	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.06	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.06	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.06	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.06	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.06	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.06	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.06	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.06	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.06	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.06	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.06	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.06	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.06	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.06	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.06	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.06	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.06	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.06	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.06	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.06	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.06	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.06	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.06	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.06	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.06	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.06	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.06	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.06	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.06	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.06	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 19P: PDA-19 (pervious)

Runoff = 6.53 cfs @ 12.17 hrs, Volume= 0.496 af, Depth= 5.32"
 Routed to Pond B-19 : Basin #19

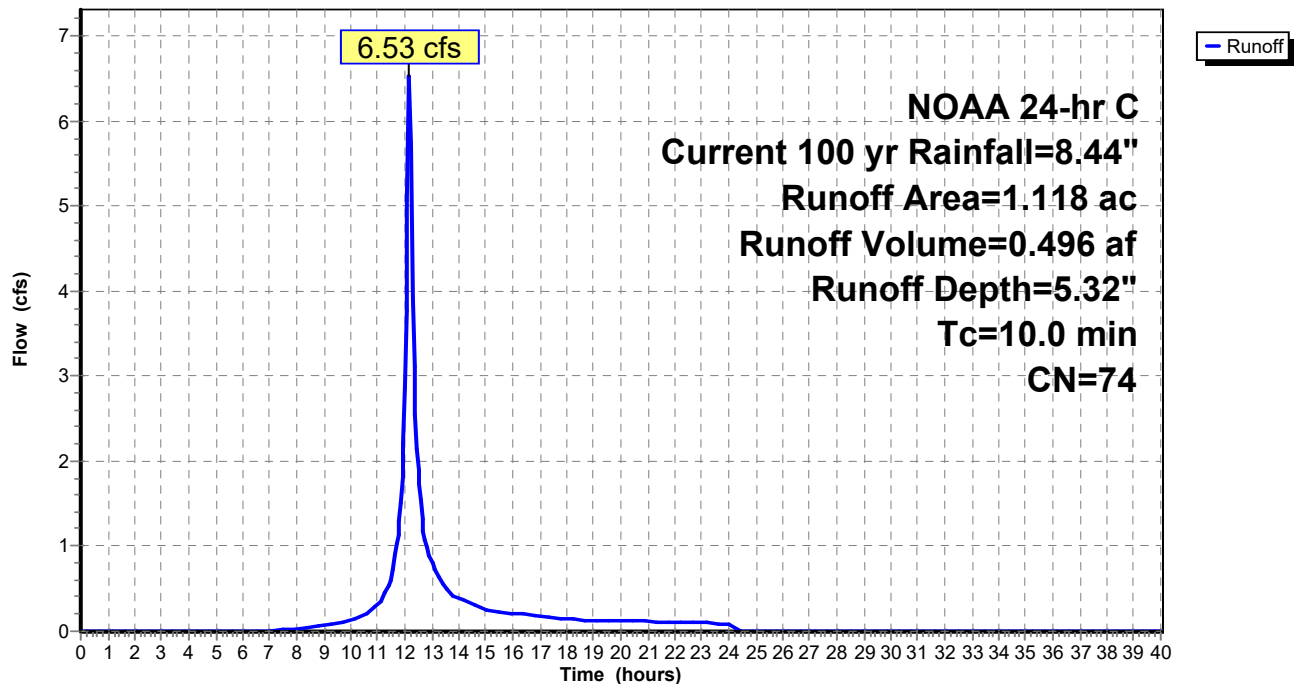
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.118	74	>75% Grass cover, Good, HSG C
1.118		100.00% Pervious Area

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



Hydrograph for Subcatchment 19P: PDA-19 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.03
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.04
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.04
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.04
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.04
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.04
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.05
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.05
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.05
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.05
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.05
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.05
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.05
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.06
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.06
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.06
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.06
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.06
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.06
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.07
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.07
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.07
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.08
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.08
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.08
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.09
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.09
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.09
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.10
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.10
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.11
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.11
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.11
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.12
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.12
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.13
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.13
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.14
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.14
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.14
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.15
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.15
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.16
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.16

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.17	13.00	6.41	3.54	0.82
10.45	1.72	0.23	0.17	13.05	6.45	3.57	0.78
10.50	1.74	0.24	0.18	13.10	6.48	3.59	0.74
10.55	1.76	0.25	0.19	13.15	6.51	3.62	0.69
10.60	1.79	0.26	0.20	13.20	6.54	3.65	0.66
10.65	1.81	0.27	0.21	13.25	6.57	3.67	0.63
10.70	1.84	0.28	0.22	13.30	6.60	3.70	0.60
10.75	1.87	0.29	0.23	13.35	6.63	3.72	0.58
10.80	1.90	0.30	0.25	13.40	6.65	3.74	0.56
10.85	1.93	0.32	0.26	13.45	6.68	3.76	0.53
10.90	1.96	0.33	0.28	13.50	6.70	3.78	0.51
10.95	1.99	0.35	0.30	13.55	6.72	3.80	0.49
11.00	2.03	0.36	0.31	13.60	6.74	3.82	0.46
11.05	2.06	0.38	0.33	13.65	6.76	3.84	0.44
11.10	2.10	0.40	0.35	13.70	6.78	3.85	0.43
11.15	2.14	0.42	0.38	13.75	6.80	3.87	0.41
11.20	2.19	0.44	0.41	13.80	6.82	3.89	0.41
11.25	2.23	0.46	0.44	13.85	6.84	3.91	0.40
11.30	2.28	0.49	0.48	13.90	6.86	3.92	0.39
11.35	2.33	0.52	0.51	13.95	6.88	3.94	0.39
11.40	2.38	0.54	0.54	14.00	6.90	3.96	0.38
11.45	2.44	0.57	0.58	14.05	6.92	3.97	0.37
11.50	2.49	0.60	0.62	14.10	6.94	3.99	0.37
11.55	2.58	0.65	0.66	14.15	6.95	4.00	0.36
11.60	2.66	0.70	0.76	14.20	6.97	4.02	0.36
11.65	2.75	0.76	0.91	14.25	6.99	4.03	0.35
11.70	2.84	0.81	1.04	14.30	7.01	4.05	0.34
11.75	2.97	0.89	1.14	14.35	7.02	4.06	0.34
11.80	3.09	0.97	1.29	14.40	7.04	4.08	0.33
11.85	3.26	1.08	1.51	14.45	7.05	4.09	0.33
11.90	3.43	1.19	1.81	14.50	7.07	4.10	0.32
11.95	3.73	1.40	2.21	14.55	7.09	4.12	0.31
12.00	4.02	1.61	2.86	14.60	7.10	4.13	0.31
12.05	4.52	1.98	3.76	14.65	7.11	4.14	0.30
12.10	5.01	2.37	5.07	14.70	7.13	4.15	0.30
12.15	5.18	2.51	6.37	14.75	7.14	4.17	0.29
12.20	5.35	2.65	6.34	14.80	7.16	4.18	0.28
12.25	5.47	2.75	5.11	14.85	7.17	4.19	0.28
12.30	5.60	2.85	3.91	14.90	7.18	4.20	0.27
12.35	5.69	2.92	3.11	14.95	7.19	4.21	0.27
12.40	5.78	3.00	2.55	15.00	7.21	4.22	0.26
12.45	5.86	3.07	2.14	15.05	7.22	4.23	0.25
12.50	5.95	3.14	1.89	15.10	7.23	4.24	0.25
12.55	6.00	3.19	1.72	15.15	7.24	4.25	0.24
12.60	6.06	3.23	1.54	15.20	7.25	4.26	0.24
12.65	6.11	3.28	1.32	15.25	7.27	4.27	0.23
12.70	6.16	3.32	1.16	15.30	7.28	4.28	0.23
12.75	6.21	3.36	1.07	15.35	7.29	4.29	0.23
12.80	6.25	3.40	1.01	15.40	7.30	4.30	0.23
12.85	6.30	3.44	0.95	15.45	7.31	4.31	0.23
12.90	6.34	3.47	0.91	15.50	7.32	4.32	0.22
12.95	6.38	3.50	0.86	15.55	7.33	4.33	0.22

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.22	18.20	7.80	4.75	0.14
15.65	7.36	4.35	0.22	18.25	7.80	4.75	0.14
15.70	7.37	4.36	0.22	18.30	7.81	4.76	0.14
15.75	7.38	4.37	0.22	18.35	7.82	4.76	0.14
15.80	7.39	4.38	0.21	18.40	7.82	4.77	0.13
15.85	7.40	4.39	0.21	18.45	7.83	4.78	0.13
15.90	7.41	4.40	0.21	18.50	7.84	4.78	0.13
15.95	7.42	4.41	0.21	18.55	7.84	4.79	0.13
16.00	7.43	4.42	0.21	18.60	7.85	4.79	0.13
16.05	7.44	4.43	0.21	18.65	7.86	4.80	0.13
16.10	7.45	4.44	0.21	18.70	7.86	4.80	0.13
16.15	7.46	4.44	0.20	18.75	7.87	4.81	0.13
16.20	7.47	4.45	0.20	18.80	7.88	4.82	0.13
16.25	7.48	4.46	0.20	18.85	7.88	4.82	0.13
16.30	7.49	4.47	0.20	18.90	7.89	4.83	0.13
16.35	7.50	4.48	0.20	18.95	7.90	4.83	0.13
16.40	7.51	4.49	0.20	19.00	7.90	4.84	0.13
16.45	7.52	4.50	0.19	19.05	7.91	4.84	0.13
16.50	7.53	4.50	0.19	19.10	7.92	4.85	0.13
16.55	7.54	4.51	0.19	19.15	7.92	4.86	0.13
16.60	7.55	4.52	0.19	19.20	7.93	4.86	0.13
16.65	7.55	4.53	0.19	19.25	7.93	4.87	0.13
16.70	7.56	4.54	0.19	19.30	7.94	4.87	0.13
16.75	7.57	4.55	0.18	19.35	7.95	4.88	0.13
16.80	7.58	4.55	0.18	19.40	7.95	4.88	0.13
16.85	7.59	4.56	0.18	19.45	7.96	4.89	0.13
16.90	7.60	4.57	0.18	19.50	7.97	4.90	0.13
16.95	7.61	4.58	0.18	19.55	7.97	4.90	0.13
17.00	7.62	4.58	0.18	19.60	7.98	4.91	0.13
17.05	7.63	4.59	0.17	19.65	7.98	4.91	0.12
17.10	7.63	4.60	0.17	19.70	7.99	4.92	0.12
17.15	7.64	4.61	0.17	19.75	8.00	4.92	0.12
17.20	7.65	4.61	0.17	19.80	8.00	4.93	0.12
17.25	7.66	4.62	0.17	19.85	8.01	4.93	0.12
17.30	7.67	4.63	0.17	19.90	8.01	4.94	0.12
17.35	7.67	4.64	0.16	19.95	8.02	4.94	0.12
17.40	7.68	4.64	0.16	20.00	8.03	4.95	0.12
17.45	7.69	4.65	0.16	20.05	8.03	4.96	0.12
17.50	7.70	4.66	0.16	20.10	8.04	4.96	0.12
17.55	7.71	4.66	0.16	20.15	8.04	4.97	0.12
17.60	7.71	4.67	0.16	20.20	8.05	4.97	0.12
17.65	7.72	4.68	0.15	20.25	8.06	4.98	0.12
17.70	7.73	4.68	0.15	20.30	8.06	4.98	0.12
17.75	7.74	4.69	0.15	20.35	8.07	4.99	0.12
17.80	7.74	4.70	0.15	20.40	8.07	4.99	0.12
17.85	7.75	4.70	0.15	20.45	8.08	5.00	0.12
17.90	7.76	4.71	0.15	20.50	8.09	5.00	0.12
17.95	7.76	4.72	0.14	20.55	8.09	5.01	0.12
18.00	7.77	4.72	0.14	20.60	8.10	5.01	0.12
18.05	7.78	4.73	0.14	20.65	8.10	5.02	0.12
18.10	7.78	4.73	0.14	20.70	8.11	5.02	0.12
18.15	7.79	4.74	0.14	20.75	8.11	5.03	0.12

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.12	23.40	8.38	5.27	0.09
20.85	8.13	5.04	0.11	23.45	8.39	5.28	0.09
20.90	8.13	5.04	0.11	23.50	8.39	5.28	0.09
20.95	8.14	5.05	0.11	23.55	8.40	5.28	0.09
21.00	8.14	5.05	0.11	23.60	8.40	5.29	0.09
21.05	8.15	5.06	0.11	23.65	8.41	5.29	0.09
21.10	8.15	5.06	0.11	23.70	8.41	5.30	0.09
21.15	8.16	5.07	0.11	23.75	8.42	5.30	0.09
21.20	8.16	5.07	0.11	23.80	8.42	5.30	0.09
21.25	8.17	5.08	0.11	23.85	8.42	5.31	0.09
21.30	8.18	5.08	0.11	23.90	8.43	5.31	0.09
21.35	8.18	5.09	0.11	23.95	8.43	5.32	0.09
21.40	8.19	5.09	0.11	24.00	8.44	5.32	0.09
21.45	8.19	5.10	0.11	24.05	8.44	5.32	0.10
21.50	8.20	5.10	0.11	24.10	8.44	5.32	0.08
21.55	8.20	5.11	0.11	24.15	8.44	5.32	0.05
21.60	8.21	5.11	0.11	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.11	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.11	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.11	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.11	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.11	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.11	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.11	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.11	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.10	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.10	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.10	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.10	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.10	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.10	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.10	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.10	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.10	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.10	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.10	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.10	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.10	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.10	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.10	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.10	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.10	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.10	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.10	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.10	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.10	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.10	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.10	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.10	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.09	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.09	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.09	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 20I: PDA-20 (impervious)

Runoff = 8.72 cfs @ 12.17 hrs, Volume= 0.772 af, Depth= 8.20"
 Routed to Pond B-20 : Basin #20

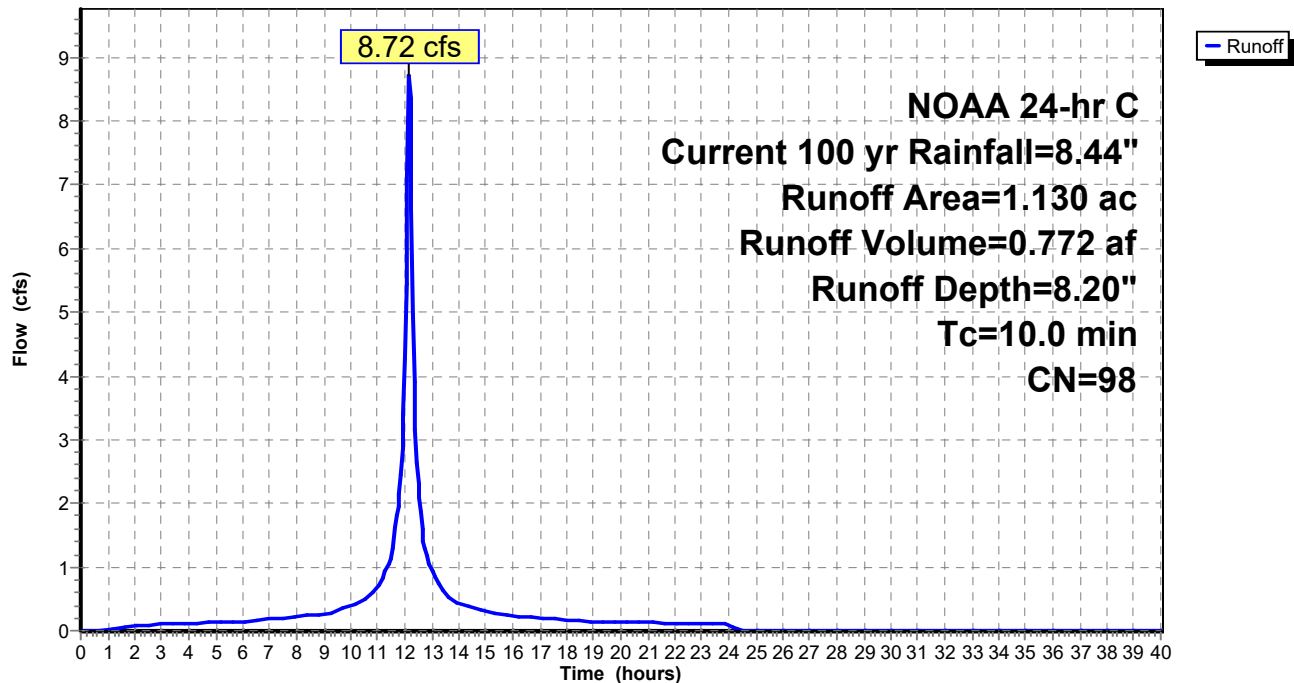
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.572	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.108	98	Concrete, HSC C
1.130	98	Weighted Average
1.130		100.00% Impervious Area

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



Hydrograph for Subcatchment 20I: PDA-20 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.09
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.09
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.09
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.09
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.09
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.10
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.10
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.10
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.10
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.10
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.10
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.10
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.10
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.10
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.10
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.11
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.11
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.11
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.11
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.11
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.11
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.11
1.10	0.10	0.01	0.04	3.70	0.38	0.21	0.11
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.11
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.11
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.11
1.30	0.12	0.02	0.05	3.90	0.40	0.23	0.11
1.35	0.13	0.02	0.05	3.95	0.41	0.24	0.12
1.40	0.13	0.03	0.05	4.00	0.41	0.24	0.12
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.12
1.50	0.14	0.03	0.06	4.10	0.43	0.25	0.12
1.55	0.15	0.04	0.06	4.15	0.43	0.26	0.12
1.60	0.15	0.04	0.06	4.20	0.44	0.26	0.12
1.65	0.16	0.04	0.06	4.25	0.44	0.27	0.12
1.70	0.16	0.04	0.06	4.30	0.45	0.27	0.12
1.75	0.17	0.05	0.06	4.35	0.46	0.28	0.12
1.80	0.17	0.05	0.07	4.40	0.46	0.28	0.12
1.85	0.18	0.05	0.07	4.45	0.47	0.29	0.12
1.90	0.18	0.06	0.07	4.50	0.47	0.29	0.12
1.95	0.19	0.06	0.07	4.55	0.48	0.30	0.12
2.00	0.19	0.06	0.07	4.60	0.49	0.31	0.13
2.05	0.20	0.07	0.08	4.65	0.49	0.31	0.13
2.10	0.20	0.07	0.08	4.70	0.50	0.32	0.13
2.15	0.21	0.07	0.08	4.75	0.51	0.32	0.13
2.20	0.21	0.08	0.08	4.80	0.51	0.33	0.13
2.25	0.22	0.08	0.08	4.85	0.52	0.33	0.13
2.30	0.22	0.09	0.08	4.90	0.52	0.34	0.13
2.35	0.23	0.09	0.08	4.95	0.53	0.35	0.13
2.40	0.23	0.09	0.09	5.00	0.54	0.35	0.13
2.45	0.24	0.10	0.09	5.05	0.54	0.36	0.13
2.50	0.24	0.10	0.09	5.10	0.55	0.36	0.13
2.55	0.25	0.10	0.09	5.15	0.56	0.37	0.13

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.13	7.80	0.97	0.76	0.21
5.25	0.57	0.38	0.13	7.85	0.98	0.77	0.21
5.30	0.58	0.39	0.14	7.90	0.99	0.78	0.22
5.35	0.58	0.39	0.14	7.95	1.00	0.79	0.22
5.40	0.59	0.40	0.14	8.00	1.01	0.80	0.22
5.45	0.60	0.41	0.14	8.05	1.02	0.81	0.22
5.50	0.60	0.41	0.14	8.10	1.03	0.82	0.22
5.55	0.61	0.42	0.14	8.15	1.04	0.83	0.23
5.60	0.62	0.42	0.14	8.20	1.05	0.84	0.23
5.65	0.62	0.43	0.14	8.25	1.06	0.85	0.23
5.70	0.63	0.44	0.14	8.30	1.07	0.86	0.23
5.75	0.64	0.44	0.14	8.35	1.08	0.87	0.23
5.80	0.64	0.45	0.14	8.40	1.10	0.88	0.24
5.85	0.65	0.45	0.14	8.45	1.11	0.89	0.24
5.90	0.66	0.46	0.14	8.50	1.12	0.91	0.24
5.95	0.66	0.47	0.14	8.55	1.13	0.92	0.24
6.00	0.67	0.47	0.14	8.60	1.14	0.93	0.24
6.05	0.68	0.48	0.14	8.65	1.15	0.94	0.25
6.10	0.68	0.49	0.15	8.70	1.16	0.95	0.25
6.15	0.69	0.49	0.15	8.75	1.17	0.96	0.25
6.20	0.70	0.50	0.15	8.80	1.19	0.97	0.25
6.25	0.70	0.51	0.15	8.85	1.20	0.98	0.25
6.30	0.71	0.51	0.15	8.90	1.21	0.99	0.26
6.35	0.72	0.52	0.16	8.95	1.22	1.01	0.26
6.40	0.73	0.53	0.16	9.00	1.23	1.02	0.26
6.45	0.73	0.54	0.16	9.05	1.25	1.03	0.26
6.50	0.74	0.54	0.16	9.10	1.26	1.04	0.27
6.55	0.75	0.55	0.16	9.15	1.27	1.05	0.27
6.60	0.76	0.56	0.16	9.20	1.28	1.07	0.28
6.65	0.77	0.57	0.17	9.25	1.30	1.08	0.28
6.70	0.77	0.57	0.17	9.30	1.31	1.09	0.29
6.75	0.78	0.58	0.17	9.35	1.33	1.11	0.30
6.80	0.79	0.59	0.17	9.40	1.34	1.12	0.31
6.85	0.80	0.60	0.17	9.45	1.35	1.14	0.31
6.90	0.81	0.60	0.18	9.50	1.37	1.15	0.32
6.95	0.81	0.61	0.18	9.55	1.39	1.17	0.33
7.00	0.82	0.62	0.18	9.60	1.40	1.18	0.33
7.05	0.83	0.63	0.18	9.65	1.42	1.20	0.34
7.10	0.84	0.64	0.18	9.70	1.43	1.21	0.35
7.15	0.85	0.65	0.19	9.75	1.45	1.23	0.36
7.20	0.86	0.65	0.19	9.80	1.47	1.25	0.36
7.25	0.87	0.66	0.19	9.85	1.49	1.27	0.37
7.30	0.88	0.67	0.19	9.90	1.50	1.28	0.38
7.35	0.89	0.68	0.19	9.95	1.52	1.30	0.39
7.40	0.89	0.69	0.20	10.00	1.54	1.32	0.39
7.45	0.90	0.70	0.20	10.05	1.56	1.34	0.40
7.50	0.91	0.71	0.20	10.10	1.58	1.36	0.41
7.55	0.92	0.72	0.20	10.15	1.60	1.37	0.41
7.60	0.93	0.73	0.20	10.20	1.62	1.39	0.42
7.65	0.94	0.73	0.21	10.25	1.64	1.41	0.43
7.70	0.95	0.74	0.21	10.30	1.66	1.43	0.44
7.75	0.96	0.75	0.21	10.35	1.68	1.45	0.44

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.45	13.00	6.41	6.18	0.97
10.45	1.72	1.50	0.46	13.05	6.45	6.21	0.92
10.50	1.74	1.52	0.47	13.10	6.48	6.24	0.87
10.55	1.76	1.54	0.47	13.15	6.51	6.27	0.82
10.60	1.79	1.56	0.49	13.20	6.54	6.30	0.78
10.65	1.81	1.59	0.51	13.25	6.57	6.33	0.74
10.70	1.84	1.62	0.54	13.30	6.60	6.36	0.71
10.75	1.87	1.64	0.56	13.35	6.63	6.39	0.68
10.80	1.90	1.67	0.59	13.40	6.65	6.41	0.65
10.85	1.93	1.70	0.62	13.45	6.68	6.44	0.63
10.90	1.96	1.73	0.64	13.50	6.70	6.46	0.60
10.95	1.99	1.77	0.67	13.55	6.72	6.48	0.57
11.00	2.03	1.80	0.70	13.60	6.74	6.50	0.54
11.05	2.06	1.84	0.73	13.65	6.76	6.53	0.52
11.10	2.10	1.87	0.76	13.70	6.78	6.55	0.50
11.15	2.14	1.92	0.81	13.75	6.80	6.57	0.48
11.20	2.19	1.96	0.86	13.80	6.82	6.59	0.47
11.25	2.23	2.01	0.91	13.85	6.84	6.61	0.47
11.30	2.28	2.05	0.96	13.90	6.86	6.62	0.46
11.35	2.33	2.10	1.01	13.95	6.88	6.64	0.45
11.40	2.38	2.16	1.06	14.00	6.90	6.66	0.44
11.45	2.44	2.21	1.11	14.05	6.92	6.68	0.44
11.50	2.49	2.26	1.16	14.10	6.94	6.70	0.43
11.55	2.58	2.35	1.22	14.15	6.95	6.72	0.42
11.60	2.66	2.43	1.39	14.20	6.97	6.73	0.41
11.65	2.75	2.52	1.62	14.25	6.99	6.75	0.41
11.70	2.84	2.61	1.80	14.30	7.01	6.77	0.40
11.75	2.97	2.74	1.94	14.35	7.02	6.78	0.39
11.80	3.09	2.86	2.16	14.40	7.04	6.80	0.39
11.85	3.26	3.03	2.46	14.45	7.05	6.82	0.38
11.90	3.43	3.20	2.87	14.50	7.07	6.83	0.37
11.95	3.73	3.49	3.41	14.55	7.09	6.85	0.36
12.00	4.02	3.79	4.27	14.60	7.10	6.86	0.36
12.05	4.52	4.28	5.44	14.65	7.11	6.88	0.35
12.10	5.01	4.77	7.07	14.70	7.13	6.89	0.34
12.15	5.18	4.94	8.60	14.75	7.14	6.90	0.33
12.20	5.35	5.11	8.36	14.80	7.16	6.92	0.33
12.25	5.47	5.24	6.62	14.85	7.17	6.93	0.32
12.30	5.60	5.36	4.99	14.90	7.18	6.94	0.31
12.35	5.69	5.45	3.91	14.95	7.19	6.96	0.31
12.40	5.78	5.54	3.17	15.00	7.21	6.97	0.30
12.45	5.86	5.62	2.64	15.05	7.22	6.98	0.29
12.50	5.95	5.71	2.31	15.10	7.23	6.99	0.28
12.55	6.00	5.76	2.10	15.15	7.24	7.00	0.28
12.60	6.06	5.82	1.86	15.20	7.25	7.02	0.27
12.65	6.11	5.87	1.60	15.25	7.27	7.03	0.27
12.70	6.16	5.92	1.40	15.30	7.28	7.04	0.27
12.75	6.21	5.97	1.28	15.35	7.29	7.05	0.26
12.80	6.25	6.02	1.20	15.40	7.30	7.06	0.26
12.85	6.30	6.06	1.14	15.45	7.31	7.07	0.26
12.90	6.34	6.10	1.08	15.50	7.32	7.08	0.26
12.95	6.38	6.14	1.03	15.55	7.33	7.09	0.26

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.25	18.20	7.80	7.56	0.16
15.65	7.36	7.12	0.25	18.25	7.80	7.57	0.15
15.70	7.37	7.13	0.25	18.30	7.81	7.57	0.15
15.75	7.38	7.14	0.25	18.35	7.82	7.58	0.15
15.80	7.39	7.15	0.25	18.40	7.82	7.59	0.15
15.85	7.40	7.16	0.24	18.45	7.83	7.59	0.15
15.90	7.41	7.17	0.24	18.50	7.84	7.60	0.15
15.95	7.42	7.18	0.24	18.55	7.84	7.61	0.15
16.00	7.43	7.19	0.24	18.60	7.85	7.61	0.15
16.05	7.44	7.20	0.24	18.65	7.86	7.62	0.15
16.10	7.45	7.21	0.24	18.70	7.86	7.62	0.15
16.15	7.46	7.22	0.23	18.75	7.87	7.63	0.15
16.20	7.47	7.23	0.23	18.80	7.88	7.64	0.15
16.25	7.48	7.24	0.23	18.85	7.88	7.64	0.15
16.30	7.49	7.25	0.23	18.90	7.89	7.65	0.15
16.35	7.50	7.26	0.23	18.95	7.90	7.66	0.15
16.40	7.51	7.27	0.22	19.00	7.90	7.66	0.15
16.45	7.52	7.28	0.22	19.05	7.91	7.67	0.15
16.50	7.53	7.29	0.22	19.10	7.92	7.68	0.15
16.55	7.54	7.30	0.22	19.15	7.92	7.68	0.15
16.60	7.55	7.31	0.22	19.20	7.93	7.69	0.15
16.65	7.55	7.32	0.21	19.25	7.93	7.70	0.14
16.70	7.56	7.32	0.21	19.30	7.94	7.70	0.14
16.75	7.57	7.33	0.21	19.35	7.95	7.71	0.14
16.80	7.58	7.34	0.21	19.40	7.95	7.71	0.14
16.85	7.59	7.35	0.21	19.45	7.96	7.72	0.14
16.90	7.60	7.36	0.20	19.50	7.97	7.73	0.14
16.95	7.61	7.37	0.20	19.55	7.97	7.73	0.14
17.00	7.62	7.38	0.20	19.60	7.98	7.74	0.14
17.05	7.63	7.39	0.20	19.65	7.98	7.74	0.14
17.10	7.63	7.39	0.20	19.70	7.99	7.75	0.14
17.15	7.64	7.40	0.20	19.75	8.00	7.76	0.14
17.20	7.65	7.41	0.19	19.80	8.00	7.76	0.14
17.25	7.66	7.42	0.19	19.85	8.01	7.77	0.14
17.30	7.67	7.43	0.19	19.90	8.01	7.78	0.14
17.35	7.67	7.43	0.19	19.95	8.02	7.78	0.14
17.40	7.68	7.44	0.19	20.00	8.03	7.79	0.14
17.45	7.69	7.45	0.18	20.05	8.03	7.79	0.14
17.50	7.70	7.46	0.18	20.10	8.04	7.80	0.14
17.55	7.71	7.47	0.18	20.15	8.04	7.80	0.14
17.60	7.71	7.47	0.18	20.20	8.05	7.81	0.14
17.65	7.72	7.48	0.18	20.25	8.06	7.82	0.14
17.70	7.73	7.49	0.17	20.30	8.06	7.82	0.13
17.75	7.74	7.50	0.17	20.35	8.07	7.83	0.13
17.80	7.74	7.50	0.17	20.40	8.07	7.83	0.13
17.85	7.75	7.51	0.17	20.45	8.08	7.84	0.13
17.90	7.76	7.52	0.17	20.50	8.09	7.85	0.13
17.95	7.76	7.52	0.16	20.55	8.09	7.85	0.13
18.00	7.77	7.53	0.16	20.60	8.10	7.86	0.13
18.05	7.78	7.54	0.16	20.65	8.10	7.86	0.13
18.10	7.78	7.55	0.16	20.70	8.11	7.87	0.13
18.15	7.79	7.55	0.16	20.75	8.11	7.87	0.13

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.13	23.40	8.38	8.14	0.11
20.85	8.13	7.89	0.13	23.45	8.39	8.15	0.10
20.90	8.13	7.89	0.13	23.50	8.39	8.15	0.10
20.95	8.14	7.90	0.13	23.55	8.40	8.16	0.10
21.00	8.14	7.90	0.13	23.60	8.40	8.16	0.10
21.05	8.15	7.91	0.13	23.65	8.41	8.17	0.10
21.10	8.15	7.91	0.13	23.70	8.41	8.17	0.10
21.15	8.16	7.92	0.13	23.75	8.42	8.18	0.10
21.20	8.16	7.92	0.13	23.80	8.42	8.18	0.10
21.25	8.17	7.93	0.13	23.85	8.42	8.18	0.10
21.30	8.18	7.94	0.13	23.90	8.43	8.19	0.10
21.35	8.18	7.94	0.12	23.95	8.43	8.19	0.10
21.40	8.19	7.95	0.12	24.00	8.44	8.20	0.10
21.45	8.19	7.95	0.12	24.05	8.44	8.20	0.11
21.50	8.20	7.96	0.12	24.10	8.44	8.20	0.09
21.55	8.20	7.96	0.12	24.15	8.44	8.20	0.05
21.60	8.21	7.97	0.12	24.20	8.44	8.20	0.03
21.65	8.21	7.97	0.12	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.12	24.30	8.44	8.20	0.01
21.75	8.22	7.98	0.12	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.12	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.12	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.12	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.12	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.12	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.12	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.12	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.12	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.12	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.12	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.12	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.12	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.11	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.11	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.11	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.11	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.11	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.11	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.11	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.11	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.11	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.11	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.11	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.11	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.11	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.11	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.11	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.11	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.11	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.11	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.11	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.11	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 20P: PDA-20 (pervious)

Runoff = 7.72 cfs @ 12.17 hrs, Volume= 0.587 af, Depth= 5.32"
 Routed to Pond B-20 : Basin #20

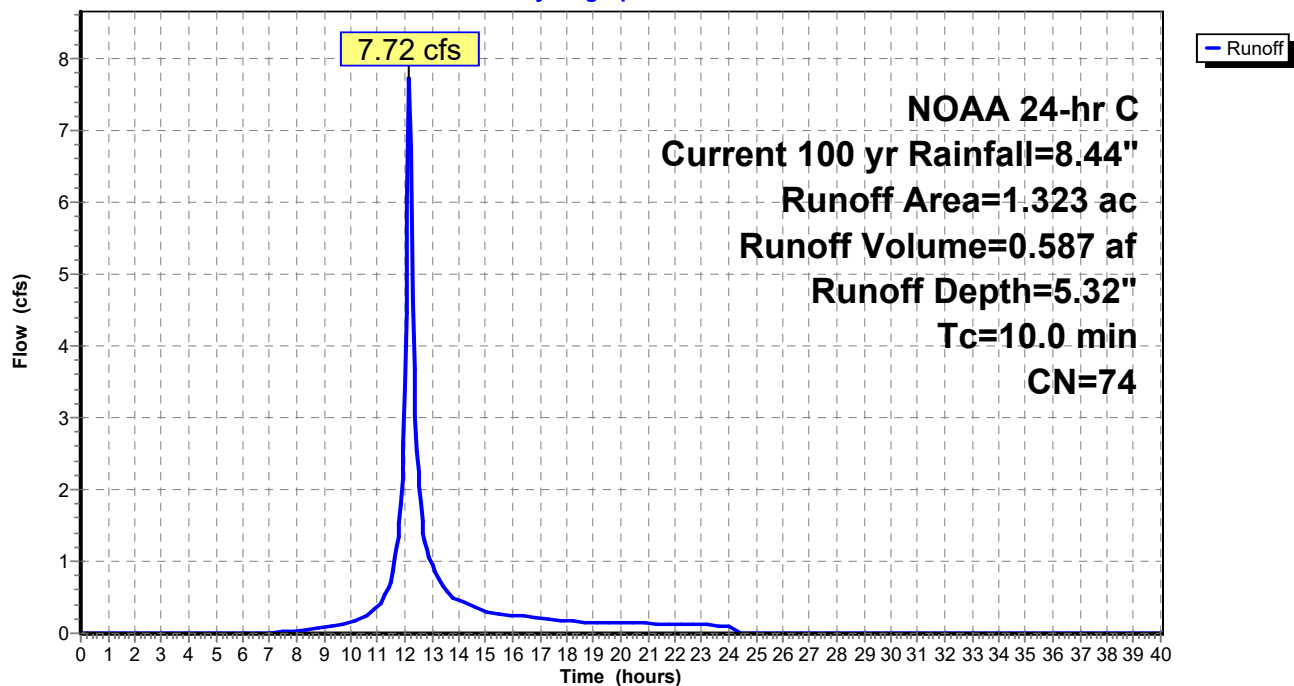
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.323	74	>75% Grass cover, Good, HSG C
1.323		100.00% Pervious Area

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



Hydrograph for Subcatchment 20P: PDA-20 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.05
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.06
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.06
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.07
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.08
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.09
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.09
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.10
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.11
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.12
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.12
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.12
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.13
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.13
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.14
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.14
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.15
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.15
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.16
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.17
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.17
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.18
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.18
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.19
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.19

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.20	13.00	6.41	3.54	0.97
10.45	1.72	0.23	0.21	13.05	6.45	3.57	0.92
10.50	1.74	0.24	0.21	13.10	6.48	3.59	0.87
10.55	1.76	0.25	0.22	13.15	6.51	3.62	0.82
10.60	1.79	0.26	0.23	13.20	6.54	3.65	0.78
10.65	1.81	0.27	0.24	13.25	6.57	3.67	0.75
10.70	1.84	0.28	0.26	13.30	6.60	3.70	0.72
10.75	1.87	0.29	0.28	13.35	6.63	3.72	0.69
10.80	1.90	0.30	0.29	13.40	6.65	3.74	0.66
10.85	1.93	0.32	0.31	13.45	6.68	3.76	0.63
10.90	1.96	0.33	0.33	13.50	6.70	3.78	0.60
10.95	1.99	0.35	0.35	13.55	6.72	3.80	0.58
11.00	2.03	0.36	0.37	13.60	6.74	3.82	0.55
11.05	2.06	0.38	0.39	13.65	6.76	3.84	0.52
11.10	2.10	0.40	0.42	13.70	6.78	3.85	0.50
11.15	2.14	0.42	0.45	13.75	6.80	3.87	0.49
11.20	2.19	0.44	0.49	13.80	6.82	3.89	0.48
11.25	2.23	0.46	0.52	13.85	6.84	3.91	0.47
11.30	2.28	0.49	0.56	13.90	6.86	3.92	0.46
11.35	2.33	0.52	0.60	13.95	6.88	3.94	0.46
11.40	2.38	0.54	0.64	14.00	6.90	3.96	0.45
11.45	2.44	0.57	0.69	14.05	6.92	3.97	0.44
11.50	2.49	0.60	0.73	14.10	6.94	3.99	0.44
11.55	2.58	0.65	0.78	14.15	6.95	4.00	0.43
11.60	2.66	0.70	0.90	14.20	6.97	4.02	0.42
11.65	2.75	0.76	1.08	14.25	6.99	4.03	0.42
11.70	2.84	0.81	1.23	14.30	7.01	4.05	0.41
11.75	2.97	0.89	1.35	14.35	7.02	4.06	0.40
11.80	3.09	0.97	1.53	14.40	7.04	4.08	0.39
11.85	3.26	1.08	1.79	14.45	7.05	4.09	0.39
11.90	3.43	1.19	2.14	14.50	7.07	4.10	0.38
11.95	3.73	1.40	2.62	14.55	7.09	4.12	0.37
12.00	4.02	1.61	3.38	14.60	7.10	4.13	0.36
12.05	4.52	1.98	4.45	14.65	7.11	4.14	0.36
12.10	5.01	2.37	6.00	14.70	7.13	4.15	0.35
12.15	5.18	2.51	7.54	14.75	7.14	4.17	0.34
12.20	5.35	2.65	7.51	14.80	7.16	4.18	0.34
12.25	5.47	2.75	6.05	14.85	7.17	4.19	0.33
12.30	5.60	2.85	4.63	14.90	7.18	4.20	0.32
12.35	5.69	2.92	3.68	14.95	7.19	4.21	0.31
12.40	5.78	3.00	3.01	15.00	7.21	4.22	0.31
12.45	5.86	3.07	2.54	15.05	7.22	4.23	0.30
12.50	5.95	3.14	2.23	15.10	7.23	4.24	0.29
12.55	6.00	3.19	2.04	15.15	7.24	4.25	0.29
12.60	6.06	3.23	1.82	15.20	7.25	4.26	0.28
12.65	6.11	3.28	1.57	15.25	7.27	4.27	0.28
12.70	6.16	3.32	1.38	15.30	7.28	4.28	0.27
12.75	6.21	3.36	1.27	15.35	7.29	4.29	0.27
12.80	6.25	3.40	1.19	15.40	7.30	4.30	0.27
12.85	6.30	3.44	1.13	15.45	7.31	4.31	0.27
12.90	6.34	3.47	1.07	15.50	7.32	4.32	0.27
12.95	6.38	3.50	1.02	15.55	7.33	4.33	0.26

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.26	18.20	7.80	4.75	0.16
15.65	7.36	4.35	0.26	18.25	7.80	4.75	0.16
15.70	7.37	4.36	0.26	18.30	7.81	4.76	0.16
15.75	7.38	4.37	0.26	18.35	7.82	4.76	0.16
15.80	7.39	4.38	0.25	18.40	7.82	4.77	0.16
15.85	7.40	4.39	0.25	18.45	7.83	4.78	0.16
15.90	7.41	4.40	0.25	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.25	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.25	18.60	7.85	4.79	0.16
16.05	7.44	4.43	0.24	18.65	7.86	4.80	0.16
16.10	7.45	4.44	0.24	18.70	7.86	4.80	0.16
16.15	7.46	4.44	0.24	18.75	7.87	4.81	0.16
16.20	7.47	4.45	0.24	18.80	7.88	4.82	0.16
16.25	7.48	4.46	0.24	18.85	7.88	4.82	0.16
16.30	7.49	4.47	0.24	18.90	7.89	4.83	0.15
16.35	7.50	4.48	0.23	18.95	7.90	4.83	0.15
16.40	7.51	4.49	0.23	19.00	7.90	4.84	0.15
16.45	7.52	4.50	0.23	19.05	7.91	4.84	0.15
16.50	7.53	4.50	0.23	19.10	7.92	4.85	0.15
16.55	7.54	4.51	0.23	19.15	7.92	4.86	0.15
16.60	7.55	4.52	0.22	19.20	7.93	4.86	0.15
16.65	7.55	4.53	0.22	19.25	7.93	4.87	0.15
16.70	7.56	4.54	0.22	19.30	7.94	4.87	0.15
16.75	7.57	4.55	0.22	19.35	7.95	4.88	0.15
16.80	7.58	4.55	0.22	19.40	7.95	4.88	0.15
16.85	7.59	4.56	0.21	19.45	7.96	4.89	0.15
16.90	7.60	4.57	0.21	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.21	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.21	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.21	19.65	7.98	4.91	0.15
17.10	7.63	4.60	0.20	19.70	7.99	4.92	0.15
17.15	7.64	4.61	0.20	19.75	8.00	4.92	0.15
17.20	7.65	4.61	0.20	19.80	8.00	4.93	0.15
17.25	7.66	4.62	0.20	19.85	8.01	4.93	0.15
17.30	7.67	4.63	0.20	19.90	8.01	4.94	0.15
17.35	7.67	4.64	0.19	19.95	8.02	4.94	0.14
17.40	7.68	4.64	0.19	20.00	8.03	4.95	0.14
17.45	7.69	4.65	0.19	20.05	8.03	4.96	0.14
17.50	7.70	4.66	0.19	20.10	8.04	4.96	0.14
17.55	7.71	4.66	0.19	20.15	8.04	4.97	0.14
17.60	7.71	4.67	0.19	20.20	8.05	4.97	0.14
17.65	7.72	4.68	0.18	20.25	8.06	4.98	0.14
17.70	7.73	4.68	0.18	20.30	8.06	4.98	0.14
17.75	7.74	4.69	0.18	20.35	8.07	4.99	0.14
17.80	7.74	4.70	0.18	20.40	8.07	4.99	0.14
17.85	7.75	4.70	0.18	20.45	8.08	5.00	0.14
17.90	7.76	4.71	0.17	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.17	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.17	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.17	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.17	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.16	20.75	8.11	5.03	0.14

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.14	23.40	8.38	5.27	0.11
20.85	8.13	5.04	0.14	23.45	8.39	5.28	0.11
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.13	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.13	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.13	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.13	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.13	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.13	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.13	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.13	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.13	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.13	24.00	8.44	5.32	0.11
21.45	8.19	5.10	0.13	24.05	8.44	5.32	0.11
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.09
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.13	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.13	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.13	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.12	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.12	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.12	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.12	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.12	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.12	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.12	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.12	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.12	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.11	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.11	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.11	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.11	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.11	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.11	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.11	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.11	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 21I: PDA-21 (impervious)

Runoff = 6.83 cfs @ 12.17 hrs, Volume= 0.605 af, Depth= 8.20"
 Routed to Pond B-21 : Basin #21

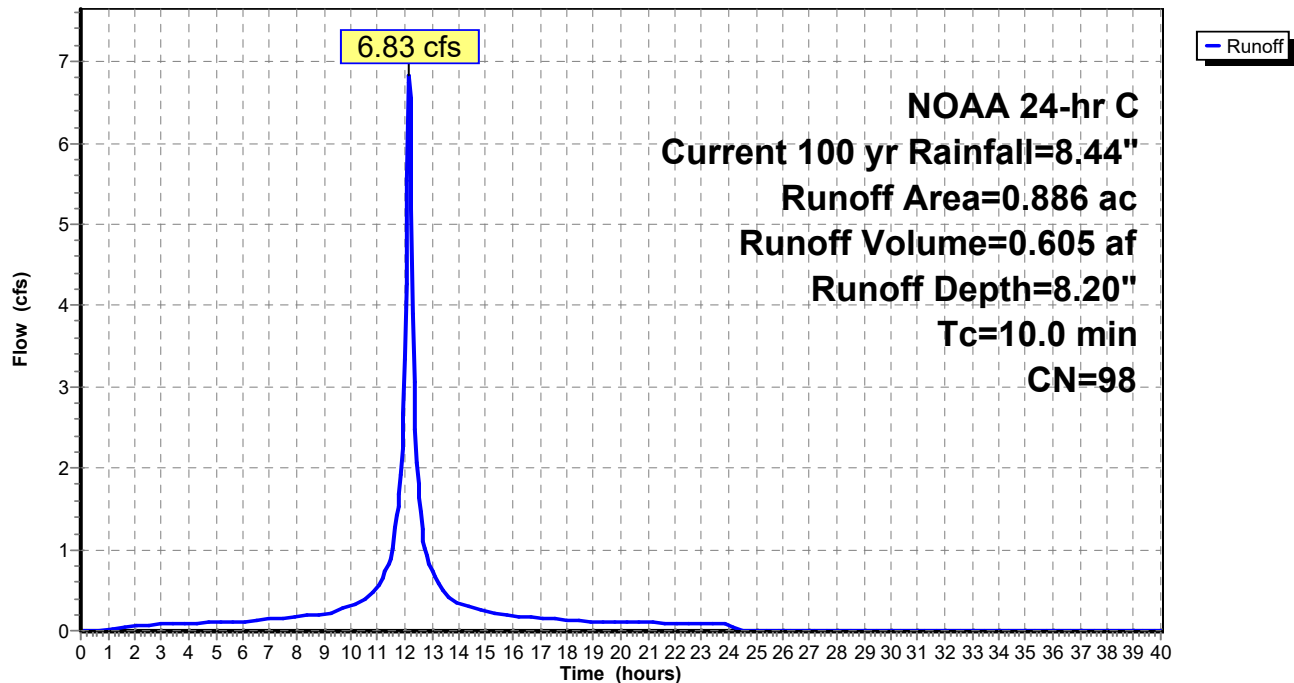
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.511	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.054	98	Concrete, HSC C
0.886	98	Weighted Average
0.886		100.00% Impervious Area

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



Hydrograph for Subcatchment 21I: PDA-21 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.17
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.17
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.17
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.17
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.17
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.17
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.18
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.18
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.18
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.18
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.18
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.18
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.18
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.19
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.19
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.19
6.00	0.67	0.47	0.11	8.60	1.14	0.93	0.19
6.05	0.68	0.48	0.11	8.65	1.15	0.94	0.19
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.19
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.20
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.20
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.20
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.20
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.20
6.40	0.73	0.53	0.12	9.00	1.23	1.02	0.20
6.45	0.73	0.54	0.12	9.05	1.25	1.03	0.21
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.21
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.21
6.60	0.76	0.56	0.13	9.20	1.28	1.07	0.22
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.22
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.23
6.75	0.78	0.58	0.13	9.35	1.33	1.11	0.23
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.24
6.85	0.80	0.60	0.14	9.45	1.35	1.14	0.25
6.90	0.81	0.60	0.14	9.50	1.37	1.15	0.25
6.95	0.81	0.61	0.14	9.55	1.39	1.17	0.26
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.26
7.05	0.83	0.63	0.14	9.65	1.42	1.20	0.27
7.10	0.84	0.64	0.14	9.70	1.43	1.21	0.27
7.15	0.85	0.65	0.15	9.75	1.45	1.23	0.28
7.20	0.86	0.65	0.15	9.80	1.47	1.25	0.29
7.25	0.87	0.66	0.15	9.85	1.49	1.27	0.29
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.30
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.30
7.40	0.89	0.69	0.15	10.00	1.54	1.32	0.31
7.45	0.90	0.70	0.16	10.05	1.56	1.34	0.31
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.32
7.55	0.92	0.72	0.16	10.15	1.60	1.37	0.32
7.60	0.93	0.73	0.16	10.20	1.62	1.39	0.33
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.34
7.70	0.95	0.74	0.16	10.30	1.66	1.43	0.34
7.75	0.96	0.75	0.16	10.35	1.68	1.45	0.35

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.35	13.00	6.41	6.18	0.76
10.45	1.72	1.50	0.36	13.05	6.45	6.21	0.72
10.50	1.74	1.52	0.36	13.10	6.48	6.24	0.68
10.55	1.76	1.54	0.37	13.15	6.51	6.27	0.64
10.60	1.79	1.56	0.38	13.20	6.54	6.30	0.61
10.65	1.81	1.59	0.40	13.25	6.57	6.33	0.58
10.70	1.84	1.62	0.42	13.30	6.60	6.36	0.56
10.75	1.87	1.64	0.44	13.35	6.63	6.39	0.54
10.80	1.90	1.67	0.46	13.40	6.65	6.41	0.51
10.85	1.93	1.70	0.48	13.45	6.68	6.44	0.49
10.90	1.96	1.73	0.50	13.50	6.70	6.46	0.47
10.95	1.99	1.77	0.53	13.55	6.72	6.48	0.45
11.00	2.03	1.80	0.55	13.60	6.74	6.50	0.43
11.05	2.06	1.84	0.57	13.65	6.76	6.53	0.41
11.10	2.10	1.87	0.60	13.70	6.78	6.55	0.39
11.15	2.14	1.92	0.63	13.75	6.80	6.57	0.38
11.20	2.19	1.96	0.67	13.80	6.82	6.59	0.37
11.25	2.23	2.01	0.71	13.85	6.84	6.61	0.37
11.30	2.28	2.05	0.75	13.90	6.86	6.62	0.36
11.35	2.33	2.10	0.79	13.95	6.88	6.64	0.35
11.40	2.38	2.16	0.83	14.00	6.90	6.66	0.35
11.45	2.44	2.21	0.87	14.05	6.92	6.68	0.34
11.50	2.49	2.26	0.91	14.10	6.94	6.70	0.34
11.55	2.58	2.35	0.96	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.09	14.20	6.97	6.73	0.32
11.65	2.75	2.52	1.27	14.25	6.99	6.75	0.32
11.70	2.84	2.61	1.41	14.30	7.01	6.77	0.31
11.75	2.97	2.74	1.52	14.35	7.02	6.78	0.31
11.80	3.09	2.86	1.69	14.40	7.04	6.80	0.30
11.85	3.26	3.03	1.93	14.45	7.05	6.82	0.30
11.90	3.43	3.20	2.25	14.50	7.07	6.83	0.29
11.95	3.73	3.49	2.67	14.55	7.09	6.85	0.29
12.00	4.02	3.79	3.35	14.60	7.10	6.86	0.28
12.05	4.52	4.28	4.27	14.65	7.11	6.88	0.27
12.10	5.01	4.77	5.54	14.70	7.13	6.89	0.27
12.15	5.18	4.94	6.74	14.75	7.14	6.90	0.26
12.20	5.35	5.11	6.55	14.80	7.16	6.92	0.26
12.25	5.47	5.24	5.19	14.85	7.17	6.93	0.25
12.30	5.60	5.36	3.91	14.90	7.18	6.94	0.25
12.35	5.69	5.45	3.07	14.95	7.19	6.96	0.24
12.40	5.78	5.54	2.49	15.00	7.21	6.97	0.23
12.45	5.86	5.62	2.07	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.81	15.10	7.23	6.99	0.22
12.55	6.00	5.76	1.65	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.46	15.20	7.25	7.02	0.21
12.65	6.11	5.87	1.25	15.25	7.27	7.03	0.21
12.70	6.16	5.92	1.10	15.30	7.28	7.04	0.21
12.75	6.21	5.97	1.01	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.94	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.89	15.45	7.31	7.07	0.20
12.90	6.34	6.10	0.85	15.50	7.32	7.08	0.20
12.95	6.38	6.14	0.80	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.19	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.19	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.18	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.18	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.17	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.11
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.11
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.11
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.16	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.15	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.15	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.14	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.13	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.12	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 21P: PDA-21 (pervious)

Runoff = 9.42 cfs @ 12.17 hrs, Volume= 0.716 af, Depth= 5.32"
Routed to Pond B-21 : Basin #21

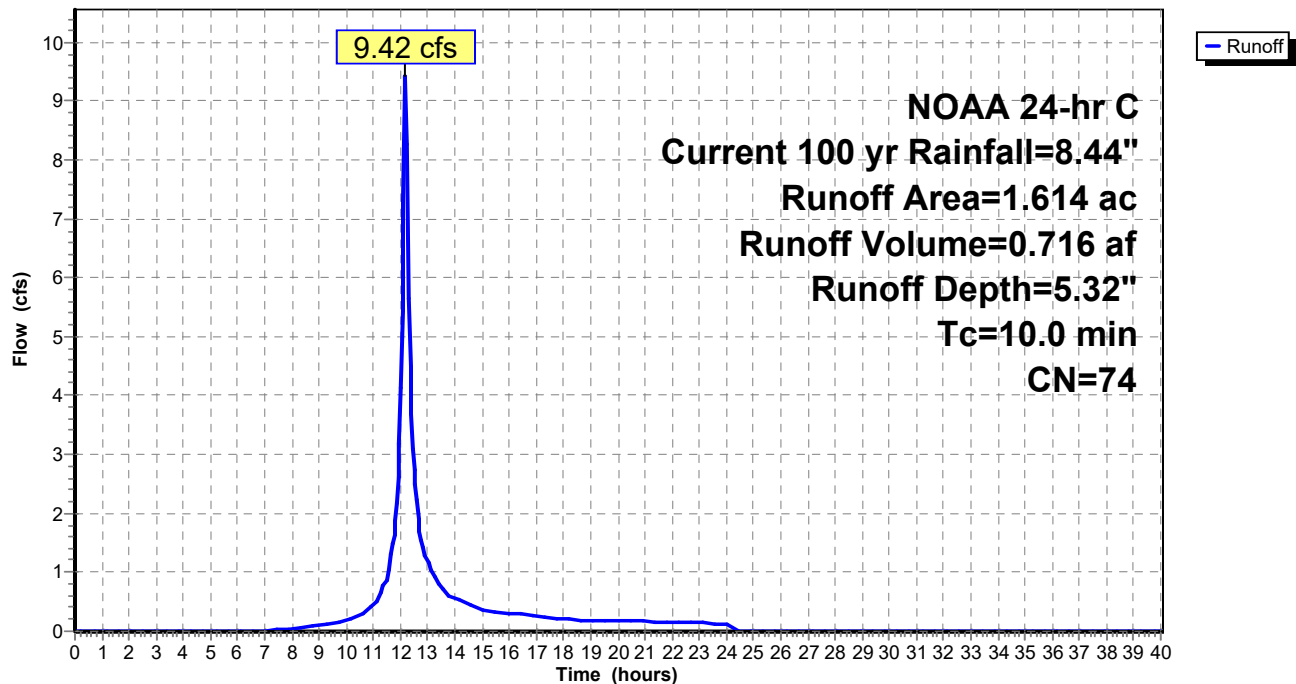
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.614	74	>75% Grass cover, Good, HSG C
1.614		100.00% Pervious Area

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



Hydrograph for Subcatchment 21P: PDA-21 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.11
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.12
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.12
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.13
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.14
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.14
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.15
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.15
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.16
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.16
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.17
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.18
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.18
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.19
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.19
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.20
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.21
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.22
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.22
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.23
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.24

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.24	13.00	6.41	3.54	1.18
10.45	1.72	0.23	0.25	13.05	6.45	3.57	1.12
10.50	1.74	0.24	0.26	13.10	6.48	3.59	1.06
10.55	1.76	0.25	0.27	13.15	6.51	3.62	1.00
10.60	1.79	0.26	0.28	13.20	6.54	3.65	0.95
10.65	1.81	0.27	0.30	13.25	6.57	3.67	0.91
10.70	1.84	0.28	0.32	13.30	6.60	3.70	0.87
10.75	1.87	0.29	0.34	13.35	6.63	3.72	0.84
10.80	1.90	0.30	0.36	13.40	6.65	3.74	0.80
10.85	1.93	0.32	0.38	13.45	6.68	3.76	0.77
10.90	1.96	0.33	0.40	13.50	6.70	3.78	0.74
10.95	1.99	0.35	0.43	13.55	6.72	3.80	0.70
11.00	2.03	0.36	0.45	13.60	6.74	3.82	0.67
11.05	2.06	0.38	0.48	13.65	6.76	3.84	0.64
11.10	2.10	0.40	0.51	13.70	6.78	3.85	0.62
11.15	2.14	0.42	0.55	13.75	6.80	3.87	0.60
11.20	2.19	0.44	0.59	13.80	6.82	3.89	0.59
11.25	2.23	0.46	0.64	13.85	6.84	3.91	0.58
11.30	2.28	0.49	0.69	13.90	6.86	3.92	0.57
11.35	2.33	0.52	0.73	13.95	6.88	3.94	0.56
11.40	2.38	0.54	0.79	14.00	6.90	3.96	0.55
11.45	2.44	0.57	0.84	14.05	6.92	3.97	0.54
11.50	2.49	0.60	0.89	14.10	6.94	3.99	0.53
11.55	2.58	0.65	0.95	14.15	6.95	4.00	0.52
11.60	2.66	0.70	1.10	14.20	6.97	4.02	0.51
11.65	2.75	0.76	1.31	14.25	6.99	4.03	0.51
11.70	2.84	0.81	1.49	14.30	7.01	4.05	0.50
11.75	2.97	0.89	1.65	14.35	7.02	4.06	0.49
11.80	3.09	0.97	1.87	14.40	7.04	4.08	0.48
11.85	3.26	1.08	2.18	14.45	7.05	4.09	0.47
11.90	3.43	1.19	2.61	14.50	7.07	4.10	0.46
11.95	3.73	1.40	3.19	14.55	7.09	4.12	0.45
12.00	4.02	1.61	4.12	14.60	7.10	4.13	0.45
12.05	4.52	1.98	5.43	14.65	7.11	4.14	0.44
12.10	5.01	2.37	7.32	14.70	7.13	4.15	0.43
12.15	5.18	2.51	9.20	14.75	7.14	4.17	0.42
12.20	5.35	2.65	9.16	14.80	7.16	4.18	0.41
12.25	5.47	2.75	7.38	14.85	7.17	4.19	0.40
12.30	5.60	2.85	5.64	14.90	7.18	4.20	0.39
12.35	5.69	2.92	4.49	14.95	7.19	4.21	0.38
12.40	5.78	3.00	3.68	15.00	7.21	4.22	0.37
12.45	5.86	3.07	3.09	15.05	7.22	4.23	0.37
12.50	5.95	3.14	2.72	15.10	7.23	4.24	0.36
12.55	6.00	3.19	2.49	15.15	7.24	4.25	0.35
12.60	6.06	3.23	2.22	15.20	7.25	4.26	0.34
12.65	6.11	3.28	1.91	15.25	7.27	4.27	0.34
12.70	6.16	3.32	1.68	15.30	7.28	4.28	0.33
12.75	6.21	3.36	1.55	15.35	7.29	4.29	0.33
12.80	6.25	3.40	1.45	15.40	7.30	4.30	0.33
12.85	6.30	3.44	1.38	15.45	7.31	4.31	0.33
12.90	6.34	3.47	1.31	15.50	7.32	4.32	0.32
12.95	6.38	3.50	1.25	15.55	7.33	4.33	0.32

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.32	18.20	7.80	4.75	0.20
15.65	7.36	4.35	0.32	18.25	7.80	4.75	0.20
15.70	7.37	4.36	0.32	18.30	7.81	4.76	0.20
15.75	7.38	4.37	0.31	18.35	7.82	4.76	0.20
15.80	7.39	4.38	0.31	18.40	7.82	4.77	0.19
15.85	7.40	4.39	0.31	18.45	7.83	4.78	0.19
15.90	7.41	4.40	0.31	18.50	7.84	4.78	0.19
15.95	7.42	4.41	0.30	18.55	7.84	4.79	0.19
16.00	7.43	4.42	0.30	18.60	7.85	4.79	0.19
16.05	7.44	4.43	0.30	18.65	7.86	4.80	0.19
16.10	7.45	4.44	0.30	18.70	7.86	4.80	0.19
16.15	7.46	4.44	0.29	18.75	7.87	4.81	0.19
16.20	7.47	4.45	0.29	18.80	7.88	4.82	0.19
16.25	7.48	4.46	0.29	18.85	7.88	4.82	0.19
16.30	7.49	4.47	0.29	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.28	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.28	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.28	19.05	7.91	4.84	0.19
16.50	7.53	4.50	0.28	19.10	7.92	4.85	0.19
16.55	7.54	4.51	0.28	19.15	7.92	4.86	0.19
16.60	7.55	4.52	0.27	19.20	7.93	4.86	0.19
16.65	7.55	4.53	0.27	19.25	7.93	4.87	0.18
16.70	7.56	4.54	0.27	19.30	7.94	4.87	0.18
16.75	7.57	4.55	0.27	19.35	7.95	4.88	0.18
16.80	7.58	4.55	0.26	19.40	7.95	4.88	0.18
16.85	7.59	4.56	0.26	19.45	7.96	4.89	0.18
16.90	7.60	4.57	0.26	19.50	7.97	4.90	0.18
16.95	7.61	4.58	0.26	19.55	7.97	4.90	0.18
17.00	7.62	4.58	0.25	19.60	7.98	4.91	0.18
17.05	7.63	4.59	0.25	19.65	7.98	4.91	0.18
17.10	7.63	4.60	0.25	19.70	7.99	4.92	0.18
17.15	7.64	4.61	0.25	19.75	8.00	4.92	0.18
17.20	7.65	4.61	0.24	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.24	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.24	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.24	19.95	8.02	4.94	0.18
17.40	7.68	4.64	0.23	20.00	8.03	4.95	0.18
17.45	7.69	4.65	0.23	20.05	8.03	4.96	0.18
17.50	7.70	4.66	0.23	20.10	8.04	4.96	0.17
17.55	7.71	4.66	0.23	20.15	8.04	4.97	0.17
17.60	7.71	4.67	0.23	20.20	8.05	4.97	0.17
17.65	7.72	4.68	0.22	20.25	8.06	4.98	0.17
17.70	7.73	4.68	0.22	20.30	8.06	4.98	0.17
17.75	7.74	4.69	0.22	20.35	8.07	4.99	0.17
17.80	7.74	4.70	0.22	20.40	8.07	4.99	0.17
17.85	7.75	4.70	0.21	20.45	8.08	5.00	0.17
17.90	7.76	4.71	0.21	20.50	8.09	5.00	0.17
17.95	7.76	4.72	0.21	20.55	8.09	5.01	0.17
18.00	7.77	4.72	0.21	20.60	8.10	5.01	0.17
18.05	7.78	4.73	0.20	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.20	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.17

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.17	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.17	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.13
20.95	8.14	5.05	0.16	23.55	8.40	5.28	0.13
21.00	8.14	5.05	0.16	23.60	8.40	5.29	0.13
21.05	8.15	5.06	0.16	23.65	8.41	5.29	0.13
21.10	8.15	5.06	0.16	23.70	8.41	5.30	0.13
21.15	8.16	5.07	0.16	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.16	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.16	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.16	23.90	8.43	5.31	0.13
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.13
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.14
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.14
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.12
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.16	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.15	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.15	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.15	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.15	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.15	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.15	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.15	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.15	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.15	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.15	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.15	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.14	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.14	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.14	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.14	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.14	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.14	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.14	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.14	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.14	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.14	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 22I: PDA-22 (impervious)

Runoff = 6.27 cfs @ 12.17 hrs, Volume= 0.556 af, Depth= 8.20"
 Routed to Pond B-22 : Basin #22

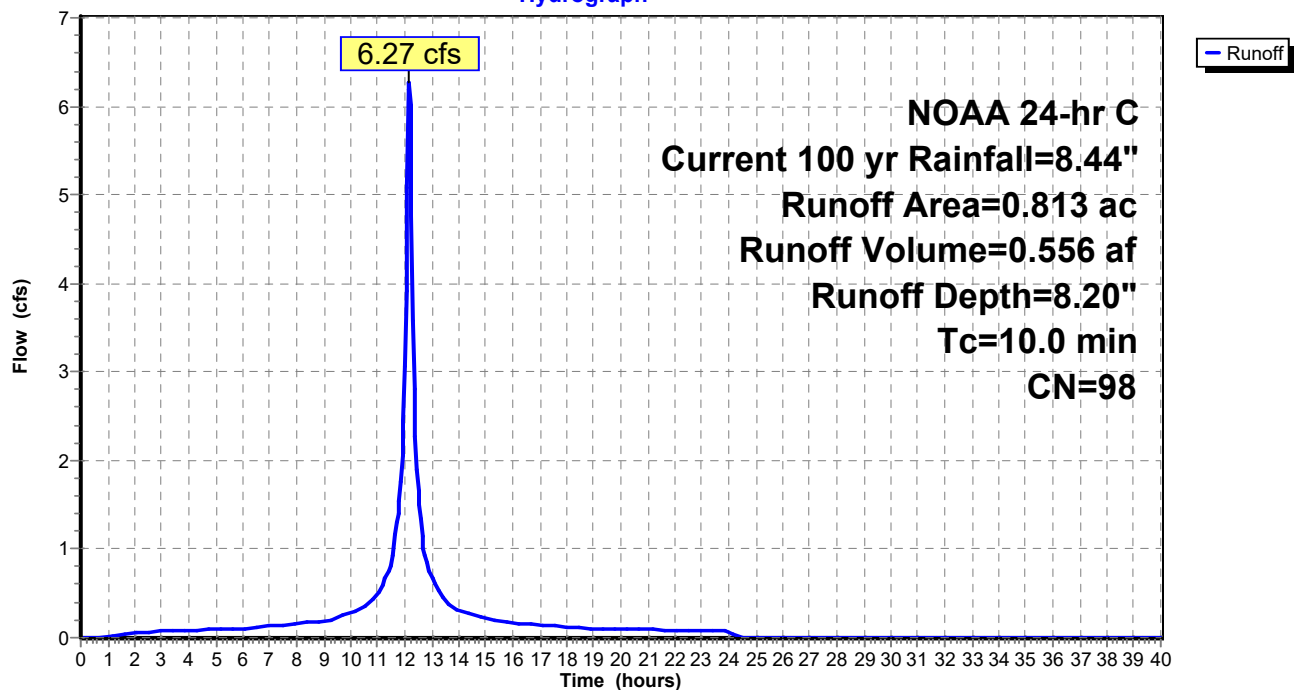
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.083	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.023	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



Hydrograph for Subcatchment 22I: PDA-22 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.09
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.09
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.09
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.15
5.25	0.57	0.38	0.10	7.85	0.98	0.77	0.15
5.30	0.58	0.39	0.10	7.90	0.99	0.78	0.16
5.35	0.58	0.39	0.10	7.95	1.00	0.79	0.16
5.40	0.59	0.40	0.10	8.00	1.01	0.80	0.16
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.16
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.16
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.16
5.60	0.62	0.42	0.10	8.20	1.05	0.84	0.16
5.65	0.62	0.43	0.10	8.25	1.06	0.85	0.17
5.70	0.63	0.44	0.10	8.30	1.07	0.86	0.17
5.75	0.64	0.44	0.10	8.35	1.08	0.87	0.17
5.80	0.64	0.45	0.10	8.40	1.10	0.88	0.17
5.85	0.65	0.45	0.10	8.45	1.11	0.89	0.17
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.17
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.17
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.18
6.05	0.68	0.48	0.10	8.65	1.15	0.94	0.18
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.18
6.15	0.69	0.49	0.11	8.75	1.17	0.96	0.18
6.20	0.70	0.50	0.11	8.80	1.19	0.97	0.18
6.25	0.70	0.51	0.11	8.85	1.20	0.98	0.18
6.30	0.71	0.51	0.11	8.90	1.21	0.99	0.18
6.35	0.72	0.52	0.11	8.95	1.22	1.01	0.19
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.19
6.45	0.73	0.54	0.11	9.05	1.25	1.03	0.19
6.50	0.74	0.54	0.12	9.10	1.26	1.04	0.19
6.55	0.75	0.55	0.12	9.15	1.27	1.05	0.20
6.60	0.76	0.56	0.12	9.20	1.28	1.07	0.20
6.65	0.77	0.57	0.12	9.25	1.30	1.08	0.20
6.70	0.77	0.57	0.12	9.30	1.31	1.09	0.21
6.75	0.78	0.58	0.12	9.35	1.33	1.11	0.22
6.80	0.79	0.59	0.12	9.40	1.34	1.12	0.22
6.85	0.80	0.60	0.13	9.45	1.35	1.14	0.23
6.90	0.81	0.60	0.13	9.50	1.37	1.15	0.23
6.95	0.81	0.61	0.13	9.55	1.39	1.17	0.24
7.00	0.82	0.62	0.13	9.60	1.40	1.18	0.24
7.05	0.83	0.63	0.13	9.65	1.42	1.20	0.25
7.10	0.84	0.64	0.13	9.70	1.43	1.21	0.25
7.15	0.85	0.65	0.13	9.75	1.45	1.23	0.26
7.20	0.86	0.65	0.14	9.80	1.47	1.25	0.26
7.25	0.87	0.66	0.14	9.85	1.49	1.27	0.27
7.30	0.88	0.67	0.14	9.90	1.50	1.28	0.27
7.35	0.89	0.68	0.14	9.95	1.52	1.30	0.28
7.40	0.89	0.69	0.14	10.00	1.54	1.32	0.28
7.45	0.90	0.70	0.14	10.05	1.56	1.34	0.29
7.50	0.91	0.71	0.14	10.10	1.58	1.36	0.29
7.55	0.92	0.72	0.15	10.15	1.60	1.37	0.30
7.60	0.93	0.73	0.15	10.20	1.62	1.39	0.30
7.65	0.94	0.73	0.15	10.25	1.64	1.41	0.31
7.70	0.95	0.74	0.15	10.30	1.66	1.43	0.31
7.75	0.96	0.75	0.15	10.35	1.68	1.45	0.32

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.32	13.00	6.41	6.18	0.70
10.45	1.72	1.50	0.33	13.05	6.45	6.21	0.66
10.50	1.74	1.52	0.33	13.10	6.48	6.24	0.63
10.55	1.76	1.54	0.34	13.15	6.51	6.27	0.59
10.60	1.79	1.56	0.35	13.20	6.54	6.30	0.56
10.65	1.81	1.59	0.37	13.25	6.57	6.33	0.53
10.70	1.84	1.62	0.39	13.30	6.60	6.36	0.51
10.75	1.87	1.64	0.40	13.35	6.63	6.39	0.49
10.80	1.90	1.67	0.42	13.40	6.65	6.41	0.47
10.85	1.93	1.70	0.44	13.45	6.68	6.44	0.45
10.90	1.96	1.73	0.46	13.50	6.70	6.46	0.43
10.95	1.99	1.77	0.48	13.55	6.72	6.48	0.41
11.00	2.03	1.80	0.50	13.60	6.74	6.50	0.39
11.05	2.06	1.84	0.52	13.65	6.76	6.53	0.37
11.10	2.10	1.87	0.55	13.70	6.78	6.55	0.36
11.15	2.14	1.92	0.58	13.75	6.80	6.57	0.35
11.20	2.19	1.96	0.62	13.80	6.82	6.59	0.34
11.25	2.23	2.01	0.65	13.85	6.84	6.61	0.33
11.30	2.28	2.05	0.69	13.90	6.86	6.62	0.33
11.35	2.33	2.10	0.73	13.95	6.88	6.64	0.32
11.40	2.38	2.16	0.76	14.00	6.90	6.66	0.32
11.45	2.44	2.21	0.80	14.05	6.92	6.68	0.31
11.50	2.49	2.26	0.83	14.10	6.94	6.70	0.31
11.55	2.58	2.35	0.88	14.15	6.95	6.72	0.30
11.60	2.66	2.43	1.00	14.20	6.97	6.73	0.30
11.65	2.75	2.52	1.16	14.25	6.99	6.75	0.29
11.70	2.84	2.61	1.30	14.30	7.01	6.77	0.29
11.75	2.97	2.74	1.40	14.35	7.02	6.78	0.28
11.80	3.09	2.86	1.55	14.40	7.04	6.80	0.28
11.85	3.26	3.03	1.77	14.45	7.05	6.82	0.27
11.90	3.43	3.20	2.06	14.50	7.07	6.83	0.27
11.95	3.73	3.49	2.45	14.55	7.09	6.85	0.26
12.00	4.02	3.79	3.07	14.60	7.10	6.86	0.26
12.05	4.52	4.28	3.92	14.65	7.11	6.88	0.25
12.10	5.01	4.77	5.09	14.70	7.13	6.89	0.25
12.15	5.18	4.94	6.19	14.75	7.14	6.90	0.24
12.20	5.35	5.11	6.01	14.80	7.16	6.92	0.24
12.25	5.47	5.24	4.76	14.85	7.17	6.93	0.23
12.30	5.60	5.36	3.59	14.90	7.18	6.94	0.23
12.35	5.69	5.45	2.81	14.95	7.19	6.96	0.22
12.40	5.78	5.54	2.28	15.00	7.21	6.97	0.21
12.45	5.86	5.62	1.90	15.05	7.22	6.98	0.21
12.50	5.95	5.71	1.66	15.10	7.23	6.99	0.20
12.55	6.00	5.76	1.51	15.15	7.24	7.00	0.20
12.60	6.06	5.82	1.34	15.20	7.25	7.02	0.20
12.65	6.11	5.87	1.15	15.25	7.27	7.03	0.19
12.70	6.16	5.92	1.01	15.30	7.28	7.04	0.19
12.75	6.21	5.97	0.92	15.35	7.29	7.05	0.19
12.80	6.25	6.02	0.87	15.40	7.30	7.06	0.19
12.85	6.30	6.06	0.82	15.45	7.31	7.07	0.19
12.90	6.34	6.10	0.78	15.50	7.32	7.08	0.19
12.95	6.38	6.14	0.74	15.55	7.33	7.09	0.18

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.18	18.20	7.80	7.56	0.11
15.65	7.36	7.12	0.18	18.25	7.80	7.57	0.11
15.70	7.37	7.13	0.18	18.30	7.81	7.57	0.11
15.75	7.38	7.14	0.18	18.35	7.82	7.58	0.11
15.80	7.39	7.15	0.18	18.40	7.82	7.59	0.11
15.85	7.40	7.16	0.18	18.45	7.83	7.59	0.11
15.90	7.41	7.17	0.17	18.50	7.84	7.60	0.11
15.95	7.42	7.18	0.17	18.55	7.84	7.61	0.11
16.00	7.43	7.19	0.17	18.60	7.85	7.61	0.11
16.05	7.44	7.20	0.17	18.65	7.86	7.62	0.11
16.10	7.45	7.21	0.17	18.70	7.86	7.62	0.11
16.15	7.46	7.22	0.17	18.75	7.87	7.63	0.11
16.20	7.47	7.23	0.17	18.80	7.88	7.64	0.11
16.25	7.48	7.24	0.17	18.85	7.88	7.64	0.11
16.30	7.49	7.25	0.16	18.90	7.89	7.65	0.11
16.35	7.50	7.26	0.16	18.95	7.90	7.66	0.11
16.40	7.51	7.27	0.16	19.00	7.90	7.66	0.11
16.45	7.52	7.28	0.16	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.16	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.16	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.16	19.20	7.93	7.69	0.10
16.65	7.55	7.32	0.15	19.25	7.93	7.70	0.10
16.70	7.56	7.32	0.15	19.30	7.94	7.70	0.10
16.75	7.57	7.33	0.15	19.35	7.95	7.71	0.10
16.80	7.58	7.34	0.15	19.40	7.95	7.71	0.10
16.85	7.59	7.35	0.15	19.45	7.96	7.72	0.10
16.90	7.60	7.36	0.15	19.50	7.97	7.73	0.10
16.95	7.61	7.37	0.15	19.55	7.97	7.73	0.10
17.00	7.62	7.38	0.14	19.60	7.98	7.74	0.10
17.05	7.63	7.39	0.14	19.65	7.98	7.74	0.10
17.10	7.63	7.39	0.14	19.70	7.99	7.75	0.10
17.15	7.64	7.40	0.14	19.75	8.00	7.76	0.10
17.20	7.65	7.41	0.14	19.80	8.00	7.76	0.10
17.25	7.66	7.42	0.14	19.85	8.01	7.77	0.10
17.30	7.67	7.43	0.14	19.90	8.01	7.78	0.10
17.35	7.67	7.43	0.13	19.95	8.02	7.78	0.10
17.40	7.68	7.44	0.13	20.00	8.03	7.79	0.10
17.45	7.69	7.45	0.13	20.05	8.03	7.79	0.10
17.50	7.70	7.46	0.13	20.10	8.04	7.80	0.10
17.55	7.71	7.47	0.13	20.15	8.04	7.80	0.10
17.60	7.71	7.47	0.13	20.20	8.05	7.81	0.10
17.65	7.72	7.48	0.13	20.25	8.06	7.82	0.10
17.70	7.73	7.49	0.13	20.30	8.06	7.82	0.10
17.75	7.74	7.50	0.12	20.35	8.07	7.83	0.10
17.80	7.74	7.50	0.12	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.12	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.12	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.12	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.12	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.12	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.11	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.11	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.09	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.09	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.09	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.09	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.09	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.09	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.09	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.09	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.09	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.09	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.09	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.09	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.09	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.09	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.08	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.08	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.08	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.08	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.08	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.08	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.08	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 22P: PDA-22 (pervious)

Runoff = 9.61 cfs @ 12.17 hrs, Volume= 0.730 af, Depth= 5.32"
 Routed to Pond B-22 : Basin #22

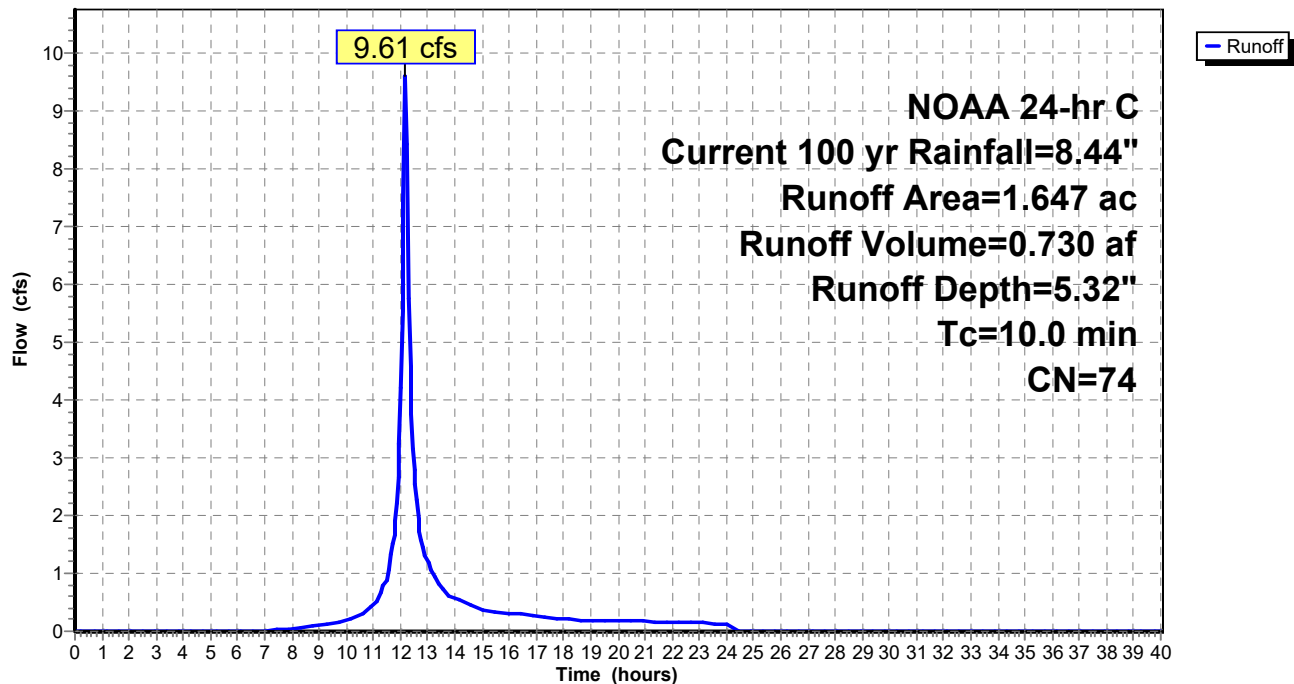
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.647	74	>75% Grass cover, Good, HSG C
1.647		100.00% Pervious Area

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



Hydrograph for Subcatchment 22P: PDA-22 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.08
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.10
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.12
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.13
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.13
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.14
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.14
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.15
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.15
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.16
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.17
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.17
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.18
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.19
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.19
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.20
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.21
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.21
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.22
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.23
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.23
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.24

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.25	13.00	6.41	3.54	1.21
10.45	1.72	0.23	0.26	13.05	6.45	3.57	1.15
10.50	1.74	0.24	0.27	13.10	6.48	3.59	1.08
10.55	1.76	0.25	0.27	13.15	6.51	3.62	1.02
10.60	1.79	0.26	0.29	13.20	6.54	3.65	0.97
10.65	1.81	0.27	0.30	13.25	6.57	3.67	0.93
10.70	1.84	0.28	0.32	13.30	6.60	3.70	0.89
10.75	1.87	0.29	0.34	13.35	6.63	3.72	0.86
10.80	1.90	0.30	0.37	13.40	6.65	3.74	0.82
10.85	1.93	0.32	0.39	13.45	6.68	3.76	0.79
10.90	1.96	0.33	0.41	13.50	6.70	3.78	0.75
10.95	1.99	0.35	0.44	13.55	6.72	3.80	0.72
11.00	2.03	0.36	0.46	13.60	6.74	3.82	0.68
11.05	2.06	0.38	0.49	13.65	6.76	3.84	0.65
11.10	2.10	0.40	0.52	13.70	6.78	3.85	0.63
11.15	2.14	0.42	0.56	13.75	6.80	3.87	0.61
11.20	2.19	0.44	0.61	13.80	6.82	3.89	0.60
11.25	2.23	0.46	0.65	13.85	6.84	3.91	0.59
11.30	2.28	0.49	0.70	13.90	6.86	3.92	0.58
11.35	2.33	0.52	0.75	13.95	6.88	3.94	0.57
11.40	2.38	0.54	0.80	14.00	6.90	3.96	0.56
11.45	2.44	0.57	0.85	14.05	6.92	3.97	0.55
11.50	2.49	0.60	0.91	14.10	6.94	3.99	0.54
11.55	2.58	0.65	0.97	14.15	6.95	4.00	0.53
11.60	2.66	0.70	1.13	14.20	6.97	4.02	0.53
11.65	2.75	0.76	1.34	14.25	6.99	4.03	0.52
11.70	2.84	0.81	1.53	14.30	7.01	4.05	0.51
11.75	2.97	0.89	1.68	14.35	7.02	4.06	0.50
11.80	3.09	0.97	1.91	14.40	7.04	4.08	0.49
11.85	3.26	1.08	2.23	14.45	7.05	4.09	0.48
11.90	3.43	1.19	2.67	14.50	7.07	4.10	0.47
11.95	3.73	1.40	3.26	14.55	7.09	4.12	0.46
12.00	4.02	1.61	4.21	14.60	7.10	4.13	0.45
12.05	4.52	1.98	5.54	14.65	7.11	4.14	0.45
12.10	5.01	2.37	7.47	14.70	7.13	4.15	0.44
12.15	5.18	2.51	9.39	14.75	7.14	4.17	0.43
12.20	5.35	2.65	9.34	14.80	7.16	4.18	0.42
12.25	5.47	2.75	7.53	14.85	7.17	4.19	0.41
12.30	5.60	2.85	5.76	14.90	7.18	4.20	0.40
12.35	5.69	2.92	4.58	14.95	7.19	4.21	0.39
12.40	5.78	3.00	3.75	15.00	7.21	4.22	0.38
12.45	5.86	3.07	3.16	15.05	7.22	4.23	0.37
12.50	5.95	3.14	2.78	15.10	7.23	4.24	0.36
12.55	6.00	3.19	2.54	15.15	7.24	4.25	0.36
12.60	6.06	3.23	2.26	15.20	7.25	4.26	0.35
12.65	6.11	3.28	1.95	15.25	7.27	4.27	0.34
12.70	6.16	3.32	1.72	15.30	7.28	4.28	0.34
12.75	6.21	3.36	1.58	15.35	7.29	4.29	0.34
12.80	6.25	3.40	1.48	15.40	7.30	4.30	0.34
12.85	6.30	3.44	1.41	15.45	7.31	4.31	0.33
12.90	6.34	3.47	1.34	15.50	7.32	4.32	0.33
12.95	6.38	3.50	1.27	15.55	7.33	4.33	0.33

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.33	18.20	7.80	4.75	0.20
15.65	7.36	4.35	0.32	18.25	7.80	4.75	0.20
15.70	7.37	4.36	0.32	18.30	7.81	4.76	0.20
15.75	7.38	4.37	0.32	18.35	7.82	4.76	0.20
15.80	7.39	4.38	0.32	18.40	7.82	4.77	0.20
15.85	7.40	4.39	0.31	18.45	7.83	4.78	0.20
15.90	7.41	4.40	0.31	18.50	7.84	4.78	0.20
15.95	7.42	4.41	0.31	18.55	7.84	4.79	0.20
16.00	7.43	4.42	0.31	18.60	7.85	4.79	0.20
16.05	7.44	4.43	0.30	18.65	7.86	4.80	0.20
16.10	7.45	4.44	0.30	18.70	7.86	4.80	0.19
16.15	7.46	4.44	0.30	18.75	7.87	4.81	0.19
16.20	7.47	4.45	0.30	18.80	7.88	4.82	0.19
16.25	7.48	4.46	0.30	18.85	7.88	4.82	0.19
16.30	7.49	4.47	0.29	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.29	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.29	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.29	19.05	7.91	4.84	0.19
16.50	7.53	4.50	0.28	19.10	7.92	4.85	0.19
16.55	7.54	4.51	0.28	19.15	7.92	4.86	0.19
16.60	7.55	4.52	0.28	19.20	7.93	4.86	0.19
16.65	7.55	4.53	0.28	19.25	7.93	4.87	0.19
16.70	7.56	4.54	0.27	19.30	7.94	4.87	0.19
16.75	7.57	4.55	0.27	19.35	7.95	4.88	0.19
16.80	7.58	4.55	0.27	19.40	7.95	4.88	0.19
16.85	7.59	4.56	0.27	19.45	7.96	4.89	0.19
16.90	7.60	4.57	0.26	19.50	7.97	4.90	0.19
16.95	7.61	4.58	0.26	19.55	7.97	4.90	0.18
17.00	7.62	4.58	0.26	19.60	7.98	4.91	0.18
17.05	7.63	4.59	0.26	19.65	7.98	4.91	0.18
17.10	7.63	4.60	0.25	19.70	7.99	4.92	0.18
17.15	7.64	4.61	0.25	19.75	8.00	4.92	0.18
17.20	7.65	4.61	0.25	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.25	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.24	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.24	19.95	8.02	4.94	0.18
17.40	7.68	4.64	0.24	20.00	8.03	4.95	0.18
17.45	7.69	4.65	0.24	20.05	8.03	4.96	0.18
17.50	7.70	4.66	0.24	20.10	8.04	4.96	0.18
17.55	7.71	4.66	0.23	20.15	8.04	4.97	0.18
17.60	7.71	4.67	0.23	20.20	8.05	4.97	0.18
17.65	7.72	4.68	0.23	20.25	8.06	4.98	0.18
17.70	7.73	4.68	0.23	20.30	8.06	4.98	0.18
17.75	7.74	4.69	0.22	20.35	8.07	4.99	0.18
17.80	7.74	4.70	0.22	20.40	8.07	4.99	0.17
17.85	7.75	4.70	0.22	20.45	8.08	5.00	0.17
17.90	7.76	4.71	0.22	20.50	8.09	5.00	0.17
17.95	7.76	4.72	0.21	20.55	8.09	5.01	0.17
18.00	7.77	4.72	0.21	20.60	8.10	5.01	0.17
18.05	7.78	4.73	0.21	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.21	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.17

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.17	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.17	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.17	23.55	8.40	5.28	0.14
21.00	8.14	5.05	0.17	23.60	8.40	5.29	0.14
21.05	8.15	5.06	0.17	23.65	8.41	5.29	0.13
21.10	8.15	5.06	0.17	23.70	8.41	5.30	0.13
21.15	8.16	5.07	0.17	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.16	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.16	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.16	23.90	8.43	5.31	0.13
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.13
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.14
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.14
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.12
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.16	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.16	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.16	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.16	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.16	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.16	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.16	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.15	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.15	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.15	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.15	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.15	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.15	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.15	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.15	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.15	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.15	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.14	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.14	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.14	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.14	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.14	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 23I: PDA-23 (impervious)

Runoff = 6.34 cfs @ 12.17 hrs, Volume= 0.562 af, Depth= 8.20"
 Routed to Pond B-23 : Basin #23

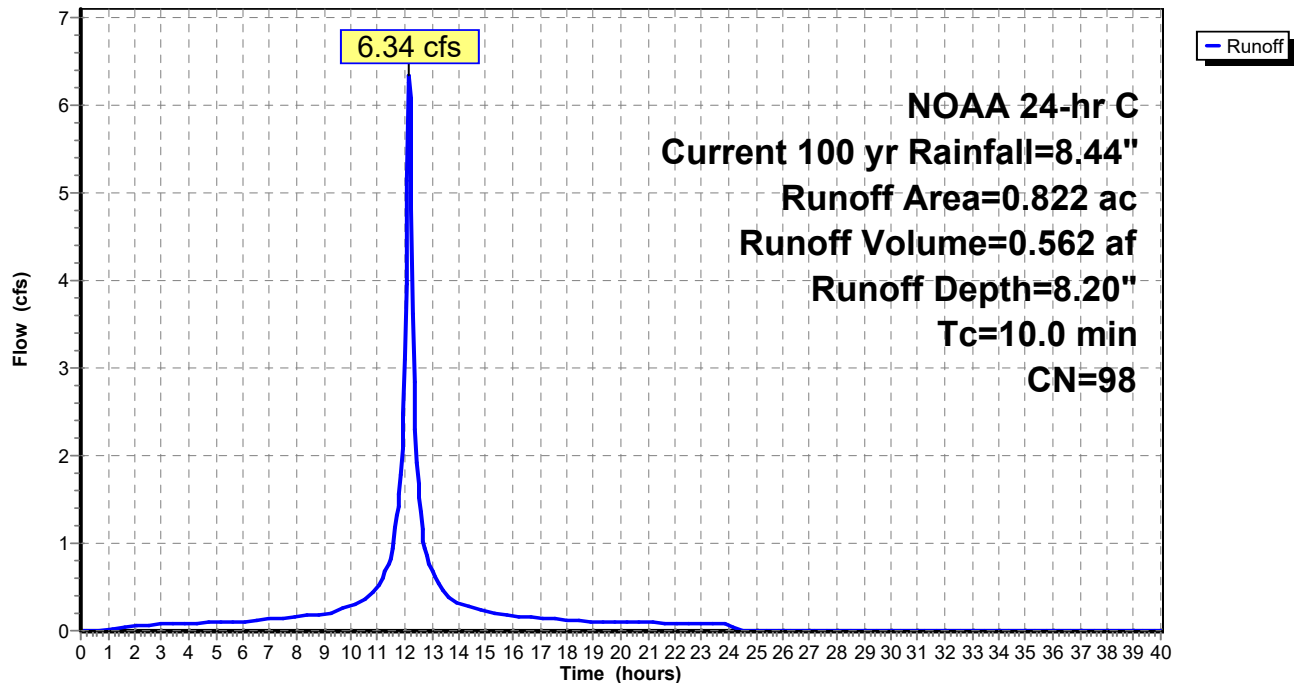
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.719	98	Pavement, HSG C
* 0.103	98	Concrete, HSG C
0.000	98	Roofs, HSG C
0.822	98	Weighted Average
0.822		100.00% Impervious Area

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



Hydrograph for Subcatchment 23I: PDA-23 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.09
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.09
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.09
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.15
5.25	0.57	0.38	0.10	7.85	0.98	0.77	0.16
5.30	0.58	0.39	0.10	7.90	0.99	0.78	0.16
5.35	0.58	0.39	0.10	7.95	1.00	0.79	0.16
5.40	0.59	0.40	0.10	8.00	1.01	0.80	0.16
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.16
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.16
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.16
5.60	0.62	0.42	0.10	8.20	1.05	0.84	0.17
5.65	0.62	0.43	0.10	8.25	1.06	0.85	0.17
5.70	0.63	0.44	0.10	8.30	1.07	0.86	0.17
5.75	0.64	0.44	0.10	8.35	1.08	0.87	0.17
5.80	0.64	0.45	0.10	8.40	1.10	0.88	0.17
5.85	0.65	0.45	0.10	8.45	1.11	0.89	0.17
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.17
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.18
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.18
6.05	0.68	0.48	0.11	8.65	1.15	0.94	0.18
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.18
6.15	0.69	0.49	0.11	8.75	1.17	0.96	0.18
6.20	0.70	0.50	0.11	8.80	1.19	0.97	0.18
6.25	0.70	0.51	0.11	8.85	1.20	0.98	0.18
6.30	0.71	0.51	0.11	8.90	1.21	0.99	0.19
6.35	0.72	0.52	0.11	8.95	1.22	1.01	0.19
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.19
6.45	0.73	0.54	0.12	9.05	1.25	1.03	0.19
6.50	0.74	0.54	0.12	9.10	1.26	1.04	0.19
6.55	0.75	0.55	0.12	9.15	1.27	1.05	0.20
6.60	0.76	0.56	0.12	9.20	1.28	1.07	0.20
6.65	0.77	0.57	0.12	9.25	1.30	1.08	0.21
6.70	0.77	0.57	0.12	9.30	1.31	1.09	0.21
6.75	0.78	0.58	0.12	9.35	1.33	1.11	0.22
6.80	0.79	0.59	0.13	9.40	1.34	1.12	0.22
6.85	0.80	0.60	0.13	9.45	1.35	1.14	0.23
6.90	0.81	0.60	0.13	9.50	1.37	1.15	0.23
6.95	0.81	0.61	0.13	9.55	1.39	1.17	0.24
7.00	0.82	0.62	0.13	9.60	1.40	1.18	0.24
7.05	0.83	0.63	0.13	9.65	1.42	1.20	0.25
7.10	0.84	0.64	0.13	9.70	1.43	1.21	0.25
7.15	0.85	0.65	0.14	9.75	1.45	1.23	0.26
7.20	0.86	0.65	0.14	9.80	1.47	1.25	0.26
7.25	0.87	0.66	0.14	9.85	1.49	1.27	0.27
7.30	0.88	0.67	0.14	9.90	1.50	1.28	0.28
7.35	0.89	0.68	0.14	9.95	1.52	1.30	0.28
7.40	0.89	0.69	0.14	10.00	1.54	1.32	0.29
7.45	0.90	0.70	0.14	10.05	1.56	1.34	0.29
7.50	0.91	0.71	0.15	10.10	1.58	1.36	0.30
7.55	0.92	0.72	0.15	10.15	1.60	1.37	0.30
7.60	0.93	0.73	0.15	10.20	1.62	1.39	0.31
7.65	0.94	0.73	0.15	10.25	1.64	1.41	0.31
7.70	0.95	0.74	0.15	10.30	1.66	1.43	0.32
7.75	0.96	0.75	0.15	10.35	1.68	1.45	0.32

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.33	13.00	6.41	6.18	0.71
10.45	1.72	1.50	0.33	13.05	6.45	6.21	0.67
10.50	1.74	1.52	0.34	13.10	6.48	6.24	0.63
10.55	1.76	1.54	0.34	13.15	6.51	6.27	0.60
10.60	1.79	1.56	0.36	13.20	6.54	6.30	0.57
10.65	1.81	1.59	0.37	13.25	6.57	6.33	0.54
10.70	1.84	1.62	0.39	13.30	6.60	6.36	0.52
10.75	1.87	1.64	0.41	13.35	6.63	6.39	0.50
10.80	1.90	1.67	0.43	13.40	6.65	6.41	0.48
10.85	1.93	1.70	0.45	13.45	6.68	6.44	0.46
10.90	1.96	1.73	0.47	13.50	6.70	6.46	0.44
10.95	1.99	1.77	0.49	13.55	6.72	6.48	0.42
11.00	2.03	1.80	0.51	13.60	6.74	6.50	0.40
11.05	2.06	1.84	0.53	13.65	6.76	6.53	0.38
11.10	2.10	1.87	0.56	13.70	6.78	6.55	0.36
11.15	2.14	1.92	0.59	13.75	6.80	6.57	0.35
11.20	2.19	1.96	0.62	13.80	6.82	6.59	0.34
11.25	2.23	2.01	0.66	13.85	6.84	6.61	0.34
11.30	2.28	2.05	0.70	13.90	6.86	6.62	0.33
11.35	2.33	2.10	0.73	13.95	6.88	6.64	0.33
11.40	2.38	2.16	0.77	14.00	6.90	6.66	0.32
11.45	2.44	2.21	0.81	14.05	6.92	6.68	0.32
11.50	2.49	2.26	0.84	14.10	6.94	6.70	0.31
11.55	2.58	2.35	0.89	14.15	6.95	6.72	0.31
11.60	2.66	2.43	1.01	14.20	6.97	6.73	0.30
11.65	2.75	2.52	1.18	14.25	6.99	6.75	0.30
11.70	2.84	2.61	1.31	14.30	7.01	6.77	0.29
11.75	2.97	2.74	1.41	14.35	7.02	6.78	0.29
11.80	3.09	2.86	1.57	14.40	7.04	6.80	0.28
11.85	3.26	3.03	1.79	14.45	7.05	6.82	0.27
11.90	3.43	3.20	2.09	14.50	7.07	6.83	0.27
11.95	3.73	3.49	2.48	14.55	7.09	6.85	0.26
12.00	4.02	3.79	3.11	14.60	7.10	6.86	0.26
12.05	4.52	4.28	3.96	14.65	7.11	6.88	0.25
12.10	5.01	4.77	5.14	14.70	7.13	6.89	0.25
12.15	5.18	4.94	6.26	14.75	7.14	6.90	0.24
12.20	5.35	5.11	6.08	14.80	7.16	6.92	0.24
12.25	5.47	5.24	4.82	14.85	7.17	6.93	0.23
12.30	5.60	5.36	3.63	14.90	7.18	6.94	0.23
12.35	5.69	5.45	2.85	14.95	7.19	6.96	0.22
12.40	5.78	5.54	2.31	15.00	7.21	6.97	0.22
12.45	5.86	5.62	1.92	15.05	7.22	6.98	0.21
12.50	5.95	5.71	1.68	15.10	7.23	6.99	0.21
12.55	6.00	5.76	1.53	15.15	7.24	7.00	0.20
12.60	6.06	5.82	1.35	15.20	7.25	7.02	0.20
12.65	6.11	5.87	1.16	15.25	7.27	7.03	0.20
12.70	6.16	5.92	1.02	15.30	7.28	7.04	0.19
12.75	6.21	5.97	0.93	15.35	7.29	7.05	0.19
12.80	6.25	6.02	0.88	15.40	7.30	7.06	0.19
12.85	6.30	6.06	0.83	15.45	7.31	7.07	0.19
12.90	6.34	6.10	0.79	15.50	7.32	7.08	0.19
12.95	6.38	6.14	0.75	15.55	7.33	7.09	0.19

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.18	18.20	7.80	7.56	0.11
15.65	7.36	7.12	0.18	18.25	7.80	7.57	0.11
15.70	7.37	7.13	0.18	18.30	7.81	7.57	0.11
15.75	7.38	7.14	0.18	18.35	7.82	7.58	0.11
15.80	7.39	7.15	0.18	18.40	7.82	7.59	0.11
15.85	7.40	7.16	0.18	18.45	7.83	7.59	0.11
15.90	7.41	7.17	0.18	18.50	7.84	7.60	0.11
15.95	7.42	7.18	0.18	18.55	7.84	7.61	0.11
16.00	7.43	7.19	0.17	18.60	7.85	7.61	0.11
16.05	7.44	7.20	0.17	18.65	7.86	7.62	0.11
16.10	7.45	7.21	0.17	18.70	7.86	7.62	0.11
16.15	7.46	7.22	0.17	18.75	7.87	7.63	0.11
16.20	7.47	7.23	0.17	18.80	7.88	7.64	0.11
16.25	7.48	7.24	0.17	18.85	7.88	7.64	0.11
16.30	7.49	7.25	0.17	18.90	7.89	7.65	0.11
16.35	7.50	7.26	0.16	18.95	7.90	7.66	0.11
16.40	7.51	7.27	0.16	19.00	7.90	7.66	0.11
16.45	7.52	7.28	0.16	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.16	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.16	19.15	7.92	7.68	0.11
16.60	7.55	7.31	0.16	19.20	7.93	7.69	0.11
16.65	7.55	7.32	0.16	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.15	19.30	7.94	7.70	0.10
16.75	7.57	7.33	0.15	19.35	7.95	7.71	0.10
16.80	7.58	7.34	0.15	19.40	7.95	7.71	0.10
16.85	7.59	7.35	0.15	19.45	7.96	7.72	0.10
16.90	7.60	7.36	0.15	19.50	7.97	7.73	0.10
16.95	7.61	7.37	0.15	19.55	7.97	7.73	0.10
17.00	7.62	7.38	0.15	19.60	7.98	7.74	0.10
17.05	7.63	7.39	0.14	19.65	7.98	7.74	0.10
17.10	7.63	7.39	0.14	19.70	7.99	7.75	0.10
17.15	7.64	7.40	0.14	19.75	8.00	7.76	0.10
17.20	7.65	7.41	0.14	19.80	8.00	7.76	0.10
17.25	7.66	7.42	0.14	19.85	8.01	7.77	0.10
17.30	7.67	7.43	0.14	19.90	8.01	7.78	0.10
17.35	7.67	7.43	0.14	19.95	8.02	7.78	0.10
17.40	7.68	7.44	0.13	20.00	8.03	7.79	0.10
17.45	7.69	7.45	0.13	20.05	8.03	7.79	0.10
17.50	7.70	7.46	0.13	20.10	8.04	7.80	0.10
17.55	7.71	7.47	0.13	20.15	8.04	7.80	0.10
17.60	7.71	7.47	0.13	20.20	8.05	7.81	0.10
17.65	7.72	7.48	0.13	20.25	8.06	7.82	0.10
17.70	7.73	7.49	0.13	20.30	8.06	7.82	0.10
17.75	7.74	7.50	0.13	20.35	8.07	7.83	0.10
17.80	7.74	7.50	0.12	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.12	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.12	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.12	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.12	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.12	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.12	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.11	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.09	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.09	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.09	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.09	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.09	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.09	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.09	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.09	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.09	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.09	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.09	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.09	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.09	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.09	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.08	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.08	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.08	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.08	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.08	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.08	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.08	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 23P: PDA-23 (pervious)

Runoff = 9.50 cfs @ 12.17 hrs, Volume= 0.721 af, Depth= 5.32"
 Routed to Pond B-23 : Basin #23

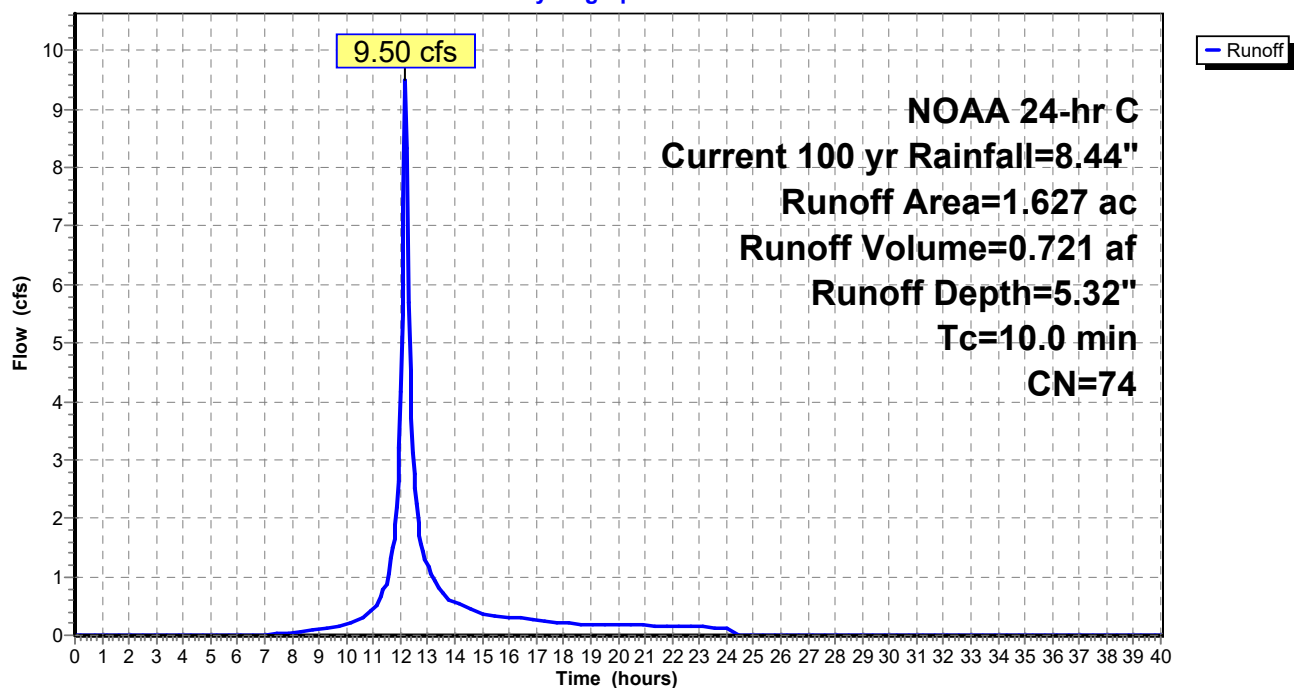
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.627	74	>75% Grass cover, Good, HSG C
1.627		100.00% Pervious Area

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



Hydrograph for Subcatchment 23P: PDA-23 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.12
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.13
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.13
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.14
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.14
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.15
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.15
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.16
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.16
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.17
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.18
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.18
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.19
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.20
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.20
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.21
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.22
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.22
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.23
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.24

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.25	13.00	6.41	3.54	1.19
10.45	1.72	0.23	0.25	13.05	6.45	3.57	1.13
10.50	1.74	0.24	0.26	13.10	6.48	3.59	1.07
10.55	1.76	0.25	0.27	13.15	6.51	3.62	1.01
10.60	1.79	0.26	0.28	13.20	6.54	3.65	0.96
10.65	1.81	0.27	0.30	13.25	6.57	3.67	0.92
10.70	1.84	0.28	0.32	13.30	6.60	3.70	0.88
10.75	1.87	0.29	0.34	13.35	6.63	3.72	0.84
10.80	1.90	0.30	0.36	13.40	6.65	3.74	0.81
10.85	1.93	0.32	0.38	13.45	6.68	3.76	0.78
10.90	1.96	0.33	0.41	13.50	6.70	3.78	0.74
10.95	1.99	0.35	0.43	13.55	6.72	3.80	0.71
11.00	2.03	0.36	0.46	13.60	6.74	3.82	0.68
11.05	2.06	0.38	0.48	13.65	6.76	3.84	0.64
11.10	2.10	0.40	0.52	13.70	6.78	3.85	0.62
11.15	2.14	0.42	0.56	13.75	6.80	3.87	0.60
11.20	2.19	0.44	0.60	13.80	6.82	3.89	0.59
11.25	2.23	0.46	0.64	13.85	6.84	3.91	0.58
11.30	2.28	0.49	0.69	13.90	6.86	3.92	0.57
11.35	2.33	0.52	0.74	13.95	6.88	3.94	0.56
11.40	2.38	0.54	0.79	14.00	6.90	3.96	0.55
11.45	2.44	0.57	0.84	14.05	6.92	3.97	0.55
11.50	2.49	0.60	0.90	14.10	6.94	3.99	0.54
11.55	2.58	0.65	0.96	14.15	6.95	4.00	0.53
11.60	2.66	0.70	1.11	14.20	6.97	4.02	0.52
11.65	2.75	0.76	1.32	14.25	6.99	4.03	0.51
11.70	2.84	0.81	1.51	14.30	7.01	4.05	0.50
11.75	2.97	0.89	1.66	14.35	7.02	4.06	0.49
11.80	3.09	0.97	1.88	14.40	7.04	4.08	0.48
11.85	3.26	1.08	2.20	14.45	7.05	4.09	0.47
11.90	3.43	1.19	2.63	14.50	7.07	4.10	0.47
11.95	3.73	1.40	3.22	14.55	7.09	4.12	0.46
12.00	4.02	1.61	4.16	14.60	7.10	4.13	0.45
12.05	4.52	1.98	5.47	14.65	7.11	4.14	0.44
12.10	5.01	2.37	7.38	14.70	7.13	4.15	0.43
12.15	5.18	2.51	9.28	14.75	7.14	4.17	0.42
12.20	5.35	2.65	9.23	14.80	7.16	4.18	0.41
12.25	5.47	2.75	7.44	14.85	7.17	4.19	0.40
12.30	5.60	2.85	5.69	14.90	7.18	4.20	0.40
12.35	5.69	2.92	4.52	14.95	7.19	4.21	0.39
12.40	5.78	3.00	3.70	15.00	7.21	4.22	0.38
12.45	5.86	3.07	3.12	15.05	7.22	4.23	0.37
12.50	5.95	3.14	2.75	15.10	7.23	4.24	0.36
12.55	6.00	3.19	2.51	15.15	7.24	4.25	0.35
12.60	6.06	3.23	2.24	15.20	7.25	4.26	0.34
12.65	6.11	3.28	1.92	15.25	7.27	4.27	0.34
12.70	6.16	3.32	1.69	15.30	7.28	4.28	0.34
12.75	6.21	3.36	1.56	15.35	7.29	4.29	0.33
12.80	6.25	3.40	1.46	15.40	7.30	4.30	0.33
12.85	6.30	3.44	1.39	15.45	7.31	4.31	0.33
12.90	6.34	3.47	1.32	15.50	7.32	4.32	0.33
12.95	6.38	3.50	1.26	15.55	7.33	4.33	0.32

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.32	18.20	7.80	4.75	0.20
15.65	7.36	4.35	0.32	18.25	7.80	4.75	0.20
15.70	7.37	4.36	0.32	18.30	7.81	4.76	0.20
15.75	7.38	4.37	0.32	18.35	7.82	4.76	0.20
15.80	7.39	4.38	0.31	18.40	7.82	4.77	0.20
15.85	7.40	4.39	0.31	18.45	7.83	4.78	0.20
15.90	7.41	4.40	0.31	18.50	7.84	4.78	0.19
15.95	7.42	4.41	0.31	18.55	7.84	4.79	0.19
16.00	7.43	4.42	0.30	18.60	7.85	4.79	0.19
16.05	7.44	4.43	0.30	18.65	7.86	4.80	0.19
16.10	7.45	4.44	0.30	18.70	7.86	4.80	0.19
16.15	7.46	4.44	0.30	18.75	7.87	4.81	0.19
16.20	7.47	4.45	0.29	18.80	7.88	4.82	0.19
16.25	7.48	4.46	0.29	18.85	7.88	4.82	0.19
16.30	7.49	4.47	0.29	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.29	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.28	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.28	19.05	7.91	4.84	0.19
16.50	7.53	4.50	0.28	19.10	7.92	4.85	0.19
16.55	7.54	4.51	0.28	19.15	7.92	4.86	0.19
16.60	7.55	4.52	0.27	19.20	7.93	4.86	0.19
16.65	7.55	4.53	0.27	19.25	7.93	4.87	0.19
16.70	7.56	4.54	0.27	19.30	7.94	4.87	0.19
16.75	7.57	4.55	0.27	19.35	7.95	4.88	0.18
16.80	7.58	4.55	0.27	19.40	7.95	4.88	0.18
16.85	7.59	4.56	0.26	19.45	7.96	4.89	0.18
16.90	7.60	4.57	0.26	19.50	7.97	4.90	0.18
16.95	7.61	4.58	0.26	19.55	7.97	4.90	0.18
17.00	7.62	4.58	0.26	19.60	7.98	4.91	0.18
17.05	7.63	4.59	0.25	19.65	7.98	4.91	0.18
17.10	7.63	4.60	0.25	19.70	7.99	4.92	0.18
17.15	7.64	4.61	0.25	19.75	8.00	4.92	0.18
17.20	7.65	4.61	0.25	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.24	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.24	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.24	19.95	8.02	4.94	0.18
17.40	7.68	4.64	0.24	20.00	8.03	4.95	0.18
17.45	7.69	4.65	0.23	20.05	8.03	4.96	0.18
17.50	7.70	4.66	0.23	20.10	8.04	4.96	0.18
17.55	7.71	4.66	0.23	20.15	8.04	4.97	0.18
17.60	7.71	4.67	0.23	20.20	8.05	4.97	0.17
17.65	7.72	4.68	0.23	20.25	8.06	4.98	0.17
17.70	7.73	4.68	0.22	20.30	8.06	4.98	0.17
17.75	7.74	4.69	0.22	20.35	8.07	4.99	0.17
17.80	7.74	4.70	0.22	20.40	8.07	4.99	0.17
17.85	7.75	4.70	0.22	20.45	8.08	5.00	0.17
17.90	7.76	4.71	0.21	20.50	8.09	5.00	0.17
17.95	7.76	4.72	0.21	20.55	8.09	5.01	0.17
18.00	7.77	4.72	0.21	20.60	8.10	5.01	0.17
18.05	7.78	4.73	0.21	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.20	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.17

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.17	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.17	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.17	23.55	8.40	5.28	0.13
21.00	8.14	5.05	0.17	23.60	8.40	5.29	0.13
21.05	8.15	5.06	0.16	23.65	8.41	5.29	0.13
21.10	8.15	5.06	0.16	23.70	8.41	5.30	0.13
21.15	8.16	5.07	0.16	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.16	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.16	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.16	23.90	8.43	5.31	0.13
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.13
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.14
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.14
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.12
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.16	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.16	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.16	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.16	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.16	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.15	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.15	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.15	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.15	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.15	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.15	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.15	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.15	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.15	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.15	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.14	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.14	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.14	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.14	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.14	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.14	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.14	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 24I: PDA-24 (impervious)

Runoff = 6.96 cfs @ 12.17 hrs, Volume= 0.616 af, Depth= 8.20"
 Routed to Pond B-24 : Basin #24

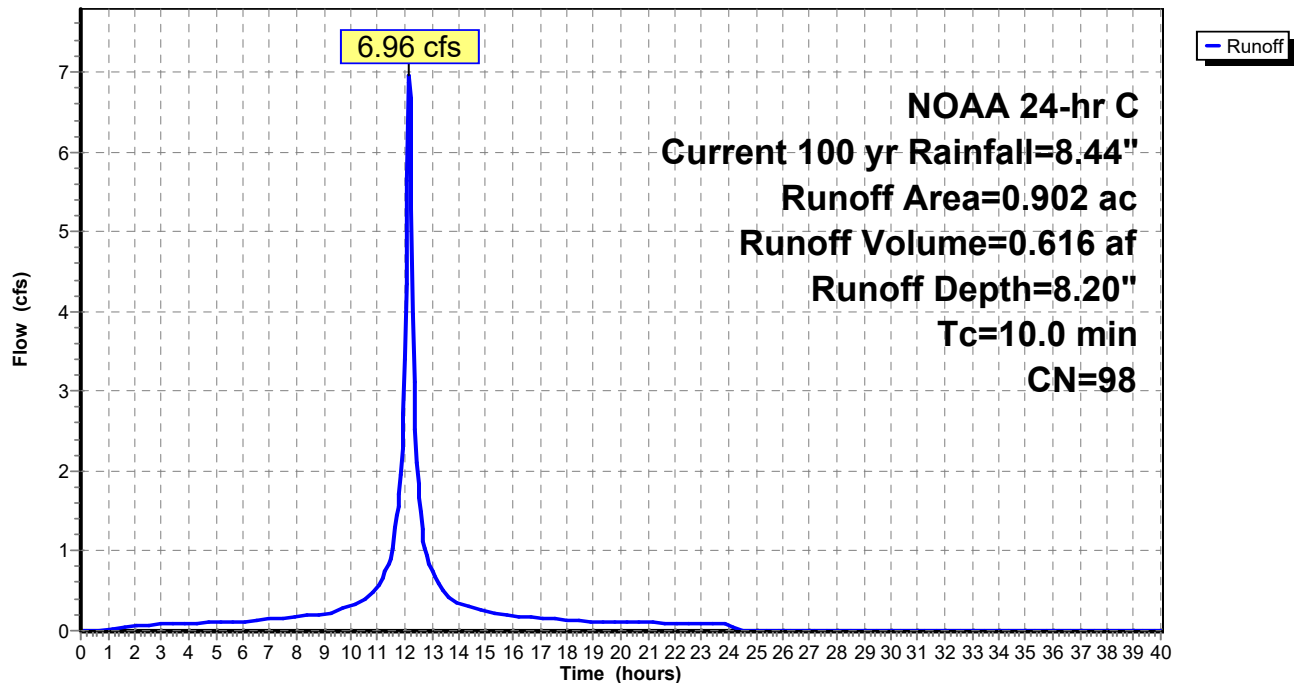
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



Hydrograph for Subcatchment 24I: PDA-24 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.11
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.17
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.17
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.17
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.17
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.18
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.18
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.18
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.18
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.18
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.19
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.19
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.19
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.19
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.19
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.19
6.00	0.67	0.47	0.12	8.60	1.14	0.93	0.19
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.20
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.20
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.20
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.20
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.20
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.20
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.21
6.40	0.73	0.53	0.13	9.00	1.23	1.02	0.21
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.21
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.21
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.22
6.60	0.76	0.56	0.13	9.20	1.28	1.07	0.22
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.23
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.23
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.24
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.24
6.85	0.80	0.60	0.14	9.45	1.35	1.14	0.25
6.90	0.81	0.60	0.14	9.50	1.37	1.15	0.26
6.95	0.81	0.61	0.14	9.55	1.39	1.17	0.26
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.27
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.27
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.28
7.15	0.85	0.65	0.15	9.75	1.45	1.23	0.28
7.20	0.86	0.65	0.15	9.80	1.47	1.25	0.29
7.25	0.87	0.66	0.15	9.85	1.49	1.27	0.30
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.30
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.31
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.31
7.45	0.90	0.70	0.16	10.05	1.56	1.34	0.32
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.32
7.55	0.92	0.72	0.16	10.15	1.60	1.37	0.33
7.60	0.93	0.73	0.16	10.20	1.62	1.39	0.34
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.34
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.35
7.75	0.96	0.75	0.17	10.35	1.68	1.45	0.35

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.36	13.00	6.41	6.18	0.78
10.45	1.72	1.50	0.37	13.05	6.45	6.21	0.74
10.50	1.74	1.52	0.37	13.10	6.48	6.24	0.69
10.55	1.76	1.54	0.38	13.15	6.51	6.27	0.65
10.60	1.79	1.56	0.39	13.20	6.54	6.30	0.62
10.65	1.81	1.59	0.41	13.25	6.57	6.33	0.59
10.70	1.84	1.62	0.43	13.30	6.60	6.36	0.57
10.75	1.87	1.64	0.45	13.35	6.63	6.39	0.54
10.80	1.90	1.67	0.47	13.40	6.65	6.41	0.52
10.85	1.93	1.70	0.49	13.45	6.68	6.44	0.50
10.90	1.96	1.73	0.51	13.50	6.70	6.46	0.48
10.95	1.99	1.77	0.54	13.55	6.72	6.48	0.46
11.00	2.03	1.80	0.56	13.60	6.74	6.50	0.43
11.05	2.06	1.84	0.58	13.65	6.76	6.53	0.41
11.10	2.10	1.87	0.61	13.70	6.78	6.55	0.40
11.15	2.14	1.92	0.65	13.75	6.80	6.57	0.39
11.20	2.19	1.96	0.68	13.80	6.82	6.59	0.38
11.25	2.23	2.01	0.72	13.85	6.84	6.61	0.37
11.30	2.28	2.05	0.76	13.90	6.86	6.62	0.37
11.35	2.33	2.10	0.81	13.95	6.88	6.64	0.36
11.40	2.38	2.16	0.85	14.00	6.90	6.66	0.35
11.45	2.44	2.21	0.89	14.05	6.92	6.68	0.35
11.50	2.49	2.26	0.92	14.10	6.94	6.70	0.34
11.55	2.58	2.35	0.98	14.15	6.95	6.72	0.34
11.60	2.66	2.43	1.11	14.20	6.97	6.73	0.33
11.65	2.75	2.52	1.29	14.25	6.99	6.75	0.33
11.70	2.84	2.61	1.44	14.30	7.01	6.77	0.32
11.75	2.97	2.74	1.55	14.35	7.02	6.78	0.31
11.80	3.09	2.86	1.72	14.40	7.04	6.80	0.31
11.85	3.26	3.03	1.96	14.45	7.05	6.82	0.30
11.90	3.43	3.20	2.29	14.50	7.07	6.83	0.30
11.95	3.73	3.49	2.72	14.55	7.09	6.85	0.29
12.00	4.02	3.79	3.41	14.60	7.10	6.86	0.28
12.05	4.52	4.28	4.34	14.65	7.11	6.88	0.28
12.10	5.01	4.77	5.64	14.70	7.13	6.89	0.27
12.15	5.18	4.94	6.86	14.75	7.14	6.90	0.27
12.20	5.35	5.11	6.67	14.80	7.16	6.92	0.26
12.25	5.47	5.24	5.28	14.85	7.17	6.93	0.26
12.30	5.60	5.36	3.98	14.90	7.18	6.94	0.25
12.35	5.69	5.45	3.12	14.95	7.19	6.96	0.24
12.40	5.78	5.54	2.53	15.00	7.21	6.97	0.24
12.45	5.86	5.62	2.11	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.84	15.10	7.23	6.99	0.23
12.55	6.00	5.76	1.68	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.49	15.20	7.25	7.02	0.22
12.65	6.11	5.87	1.27	15.25	7.27	7.03	0.21
12.70	6.16	5.92	1.12	15.30	7.28	7.04	0.21
12.75	6.21	5.97	1.03	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.96	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.91	15.45	7.31	7.07	0.21
12.90	6.34	6.10	0.86	15.50	7.32	7.08	0.21
12.95	6.38	6.14	0.82	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.20	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.20	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.20	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.19	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.18	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.18	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.12
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.12
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.16	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.15	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.15	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.14	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.11
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.11
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.13	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.10	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.09	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 8.79 cfs @ 12.17 hrs, Volume= 0.668 af, Depth= 5.32"
 Routed to Pond B-24 : Basin #24

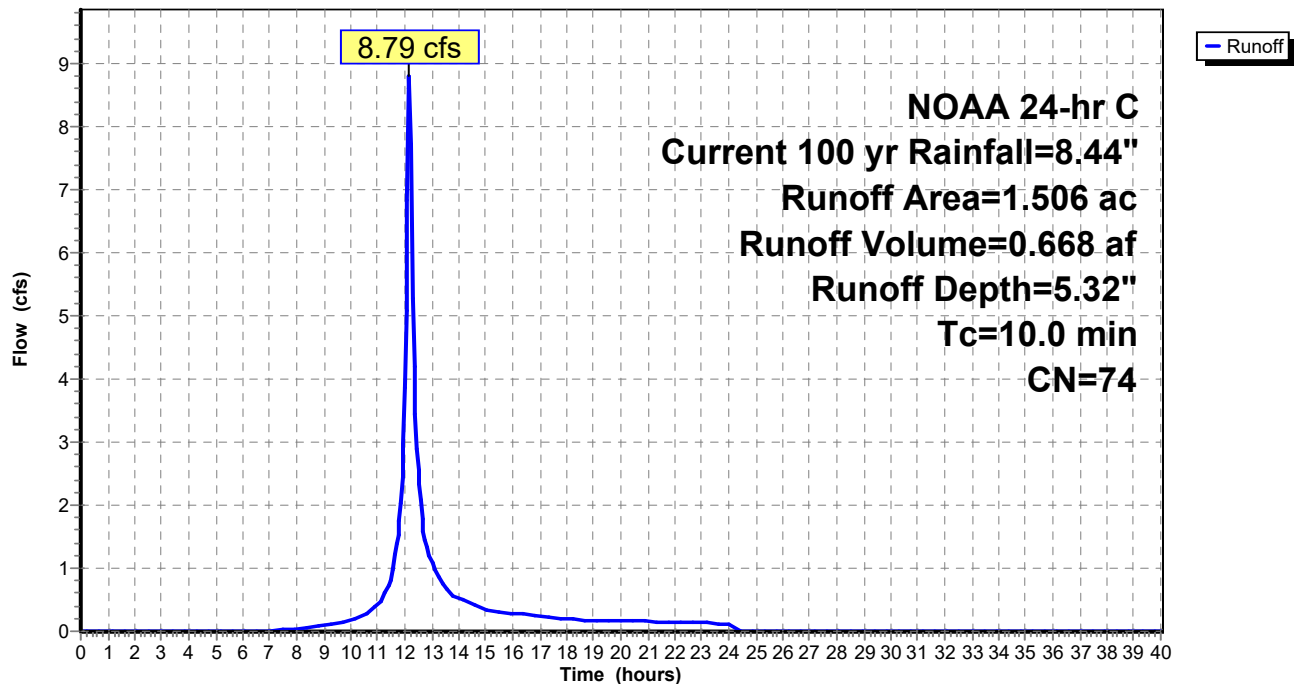
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.10
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.11
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.12
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.12
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.13
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.13
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.14
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.14
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.15
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.15
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.16
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.16
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.17
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.18
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.18
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.19
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.19
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.20
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.21
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.21
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.22

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.23	13.00	6.41	3.54	1.10
10.45	1.72	0.23	0.24	13.05	6.45	3.57	1.05
10.50	1.74	0.24	0.24	13.10	6.48	3.59	0.99
10.55	1.76	0.25	0.25	13.15	6.51	3.62	0.93
10.60	1.79	0.26	0.26	13.20	6.54	3.65	0.89
10.65	1.81	0.27	0.28	13.25	6.57	3.67	0.85
10.70	1.84	0.28	0.30	13.30	6.60	3.70	0.81
10.75	1.87	0.29	0.31	13.35	6.63	3.72	0.78
10.80	1.90	0.30	0.34	13.40	6.65	3.74	0.75
10.85	1.93	0.32	0.36	13.45	6.68	3.76	0.72
10.90	1.96	0.33	0.38	13.50	6.70	3.78	0.69
10.95	1.99	0.35	0.40	13.55	6.72	3.80	0.66
11.00	2.03	0.36	0.42	13.60	6.74	3.82	0.63
11.05	2.06	0.38	0.45	13.65	6.76	3.84	0.60
11.10	2.10	0.40	0.48	13.70	6.78	3.85	0.57
11.15	2.14	0.42	0.51	13.75	6.80	3.87	0.56
11.20	2.19	0.44	0.55	13.80	6.82	3.89	0.55
11.25	2.23	0.46	0.60	13.85	6.84	3.91	0.54
11.30	2.28	0.49	0.64	13.90	6.86	3.92	0.53
11.35	2.33	0.52	0.69	13.95	6.88	3.94	0.52
11.40	2.38	0.54	0.73	14.00	6.90	3.96	0.51
11.45	2.44	0.57	0.78	14.05	6.92	3.97	0.50
11.50	2.49	0.60	0.83	14.10	6.94	3.99	0.50
11.55	2.58	0.65	0.89	14.15	6.95	4.00	0.49
11.60	2.66	0.70	1.03	14.20	6.97	4.02	0.48
11.65	2.75	0.76	1.23	14.25	6.99	4.03	0.47
11.70	2.84	0.81	1.39	14.30	7.01	4.05	0.46
11.75	2.97	0.89	1.54	14.35	7.02	4.06	0.46
11.80	3.09	0.97	1.74	14.40	7.04	4.08	0.45
11.85	3.26	1.08	2.04	14.45	7.05	4.09	0.44
11.90	3.43	1.19	2.44	14.50	7.07	4.10	0.43
11.95	3.73	1.40	2.98	14.55	7.09	4.12	0.42
12.00	4.02	1.61	3.85	14.60	7.10	4.13	0.42
12.05	4.52	1.98	5.07	14.65	7.11	4.14	0.41
12.10	5.01	2.37	6.83	14.70	7.13	4.15	0.40
12.15	5.18	2.51	8.59	14.75	7.14	4.17	0.39
12.20	5.35	2.65	8.54	14.80	7.16	4.18	0.38
12.25	5.47	2.75	6.89	14.85	7.17	4.19	0.37
12.30	5.60	2.85	5.27	14.90	7.18	4.20	0.37
12.35	5.69	2.92	4.19	14.95	7.19	4.21	0.36
12.40	5.78	3.00	3.43	15.00	7.21	4.22	0.35
12.45	5.86	3.07	2.89	15.05	7.22	4.23	0.34
12.50	5.95	3.14	2.54	15.10	7.23	4.24	0.33
12.55	6.00	3.19	2.32	15.15	7.24	4.25	0.32
12.60	6.06	3.23	2.07	15.20	7.25	4.26	0.32
12.65	6.11	3.28	1.78	15.25	7.27	4.27	0.31
12.70	6.16	3.32	1.57	15.30	7.28	4.28	0.31
12.75	6.21	3.36	1.44	15.35	7.29	4.29	0.31
12.80	6.25	3.40	1.36	15.40	7.30	4.30	0.31
12.85	6.30	3.44	1.29	15.45	7.31	4.31	0.30
12.90	6.34	3.47	1.22	15.50	7.32	4.32	0.30
12.95	6.38	3.50	1.16	15.55	7.33	4.33	0.30

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.30	18.20	7.80	4.75	0.18
15.65	7.36	4.35	0.30	18.25	7.80	4.75	0.18
15.70	7.37	4.36	0.29	18.30	7.81	4.76	0.18
15.75	7.38	4.37	0.29	18.35	7.82	4.76	0.18
15.80	7.39	4.38	0.29	18.40	7.82	4.77	0.18
15.85	7.40	4.39	0.29	18.45	7.83	4.78	0.18
15.90	7.41	4.40	0.29	18.50	7.84	4.78	0.18
15.95	7.42	4.41	0.28	18.55	7.84	4.79	0.18
16.00	7.43	4.42	0.28	18.60	7.85	4.79	0.18
16.05	7.44	4.43	0.28	18.65	7.86	4.80	0.18
16.10	7.45	4.44	0.28	18.70	7.86	4.80	0.18
16.15	7.46	4.44	0.27	18.75	7.87	4.81	0.18
16.20	7.47	4.45	0.27	18.80	7.88	4.82	0.18
16.25	7.48	4.46	0.27	18.85	7.88	4.82	0.18
16.30	7.49	4.47	0.27	18.90	7.89	4.83	0.18
16.35	7.50	4.48	0.27	18.95	7.90	4.83	0.18
16.40	7.51	4.49	0.26	19.00	7.90	4.84	0.17
16.45	7.52	4.50	0.26	19.05	7.91	4.84	0.17
16.50	7.53	4.50	0.26	19.10	7.92	4.85	0.17
16.55	7.54	4.51	0.26	19.15	7.92	4.86	0.17
16.60	7.55	4.52	0.25	19.20	7.93	4.86	0.17
16.65	7.55	4.53	0.25	19.25	7.93	4.87	0.17
16.70	7.56	4.54	0.25	19.30	7.94	4.87	0.17
16.75	7.57	4.55	0.25	19.35	7.95	4.88	0.17
16.80	7.58	4.55	0.25	19.40	7.95	4.88	0.17
16.85	7.59	4.56	0.24	19.45	7.96	4.89	0.17
16.90	7.60	4.57	0.24	19.50	7.97	4.90	0.17
16.95	7.61	4.58	0.24	19.55	7.97	4.90	0.17
17.00	7.62	4.58	0.24	19.60	7.98	4.91	0.17
17.05	7.63	4.59	0.24	19.65	7.98	4.91	0.17
17.10	7.63	4.60	0.23	19.70	7.99	4.92	0.17
17.15	7.64	4.61	0.23	19.75	8.00	4.92	0.17
17.20	7.65	4.61	0.23	19.80	8.00	4.93	0.17
17.25	7.66	4.62	0.23	19.85	8.01	4.93	0.17
17.30	7.67	4.63	0.22	19.90	8.01	4.94	0.17
17.35	7.67	4.64	0.22	19.95	8.02	4.94	0.16
17.40	7.68	4.64	0.22	20.00	8.03	4.95	0.16
17.45	7.69	4.65	0.22	20.05	8.03	4.96	0.16
17.50	7.70	4.66	0.22	20.10	8.04	4.96	0.16
17.55	7.71	4.66	0.21	20.15	8.04	4.97	0.16
17.60	7.71	4.67	0.21	20.20	8.05	4.97	0.16
17.65	7.72	4.68	0.21	20.25	8.06	4.98	0.16
17.70	7.73	4.68	0.21	20.30	8.06	4.98	0.16
17.75	7.74	4.69	0.20	20.35	8.07	4.99	0.16
17.80	7.74	4.70	0.20	20.40	8.07	4.99	0.16
17.85	7.75	4.70	0.20	20.45	8.08	5.00	0.16
17.90	7.76	4.71	0.20	20.50	8.09	5.00	0.16
17.95	7.76	4.72	0.20	20.55	8.09	5.01	0.16
18.00	7.77	4.72	0.19	20.60	8.10	5.01	0.16
18.05	7.78	4.73	0.19	20.65	8.10	5.02	0.16
18.10	7.78	4.73	0.19	20.70	8.11	5.02	0.16
18.15	7.79	4.74	0.19	20.75	8.11	5.03	0.16

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.16	23.40	8.38	5.27	0.13
20.85	8.13	5.04	0.15	23.45	8.39	5.28	0.13
20.90	8.13	5.04	0.15	23.50	8.39	5.28	0.13
20.95	8.14	5.05	0.15	23.55	8.40	5.28	0.12
21.00	8.14	5.05	0.15	23.60	8.40	5.29	0.12
21.05	8.15	5.06	0.15	23.65	8.41	5.29	0.12
21.10	8.15	5.06	0.15	23.70	8.41	5.30	0.12
21.15	8.16	5.07	0.15	23.75	8.42	5.30	0.12
21.20	8.16	5.07	0.15	23.80	8.42	5.30	0.12
21.25	8.17	5.08	0.15	23.85	8.42	5.31	0.12
21.30	8.18	5.08	0.15	23.90	8.43	5.31	0.12
21.35	8.18	5.09	0.15	23.95	8.43	5.32	0.12
21.40	8.19	5.09	0.15	24.00	8.44	5.32	0.13
21.45	8.19	5.10	0.15	24.05	8.44	5.32	0.13
21.50	8.20	5.10	0.15	24.10	8.44	5.32	0.11
21.55	8.20	5.11	0.15	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.15	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.15	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.15	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.14	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.14	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.14	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.14	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.14	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.14	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.14	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.14	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.14	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.14	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.14	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.14	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.14	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.14	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.14	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.14	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.14	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.14	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.14	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.13	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.13	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.13	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.13	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.13	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.13	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.13	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.13	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.13	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.13	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.13	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.13	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.13	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.13	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 6.74 cfs @ 12.17 hrs, Volume= 0.597 af, Depth= 8.20"
 Routed to Pond B-25 : Basin #25

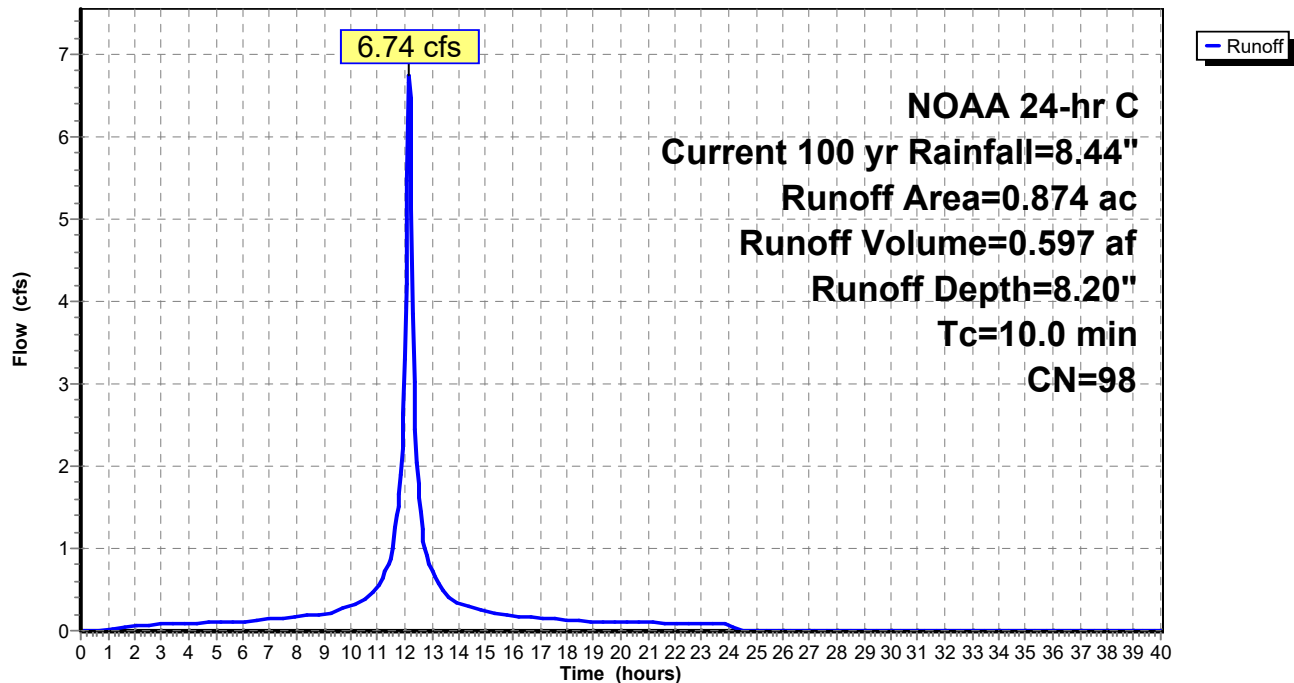
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.09
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.16
5.25	0.57	0.38	0.10	7.85	0.98	0.77	0.17
5.30	0.58	0.39	0.10	7.90	0.99	0.78	0.17
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.17
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.17
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.17
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.17
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.17
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.18
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.18
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.18
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.18
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.18
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.18
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.19
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.19
6.00	0.67	0.47	0.11	8.60	1.14	0.93	0.19
6.05	0.68	0.48	0.11	8.65	1.15	0.94	0.19
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.19
6.15	0.69	0.49	0.11	8.75	1.17	0.96	0.19
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.19
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.20
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.20
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.20
6.40	0.73	0.53	0.12	9.00	1.23	1.02	0.20
6.45	0.73	0.54	0.12	9.05	1.25	1.03	0.20
6.50	0.74	0.54	0.12	9.10	1.26	1.04	0.21
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.21
6.60	0.76	0.56	0.13	9.20	1.28	1.07	0.21
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.22
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.23
6.75	0.78	0.58	0.13	9.35	1.33	1.11	0.23
6.80	0.79	0.59	0.13	9.40	1.34	1.12	0.24
6.85	0.80	0.60	0.13	9.45	1.35	1.14	0.24
6.90	0.81	0.60	0.14	9.50	1.37	1.15	0.25
6.95	0.81	0.61	0.14	9.55	1.39	1.17	0.25
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.26
7.05	0.83	0.63	0.14	9.65	1.42	1.20	0.26
7.10	0.84	0.64	0.14	9.70	1.43	1.21	0.27
7.15	0.85	0.65	0.14	9.75	1.45	1.23	0.28
7.20	0.86	0.65	0.15	9.80	1.47	1.25	0.28
7.25	0.87	0.66	0.15	9.85	1.49	1.27	0.29
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.29
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.30
7.40	0.89	0.69	0.15	10.00	1.54	1.32	0.30
7.45	0.90	0.70	0.15	10.05	1.56	1.34	0.31
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.31
7.55	0.92	0.72	0.16	10.15	1.60	1.37	0.32
7.60	0.93	0.73	0.16	10.20	1.62	1.39	0.33
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.33
7.70	0.95	0.74	0.16	10.30	1.66	1.43	0.34
7.75	0.96	0.75	0.16	10.35	1.68	1.45	0.34

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.35	13.00	6.41	6.18	0.75
10.45	1.72	1.50	0.35	13.05	6.45	6.21	0.71
10.50	1.74	1.52	0.36	13.10	6.48	6.24	0.67
10.55	1.76	1.54	0.37	13.15	6.51	6.27	0.63
10.60	1.79	1.56	0.38	13.20	6.54	6.30	0.60
10.65	1.81	1.59	0.39	13.25	6.57	6.33	0.57
10.70	1.84	1.62	0.41	13.30	6.60	6.36	0.55
10.75	1.87	1.64	0.43	13.35	6.63	6.39	0.53
10.80	1.90	1.67	0.46	13.40	6.65	6.41	0.51
10.85	1.93	1.70	0.48	13.45	6.68	6.44	0.48
10.90	1.96	1.73	0.50	13.50	6.70	6.46	0.46
10.95	1.99	1.77	0.52	13.55	6.72	6.48	0.44
11.00	2.03	1.80	0.54	13.60	6.74	6.50	0.42
11.05	2.06	1.84	0.56	13.65	6.76	6.53	0.40
11.10	2.10	1.87	0.59	13.70	6.78	6.55	0.39
11.15	2.14	1.92	0.63	13.75	6.80	6.57	0.37
11.20	2.19	1.96	0.66	13.80	6.82	6.59	0.37
11.25	2.23	2.01	0.70	13.85	6.84	6.61	0.36
11.30	2.28	2.05	0.74	13.90	6.86	6.62	0.35
11.35	2.33	2.10	0.78	13.95	6.88	6.64	0.35
11.40	2.38	2.16	0.82	14.00	6.90	6.66	0.34
11.45	2.44	2.21	0.86	14.05	6.92	6.68	0.34
11.50	2.49	2.26	0.90	14.10	6.94	6.70	0.33
11.55	2.58	2.35	0.95	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.07	14.20	6.97	6.73	0.32
11.65	2.75	2.52	1.25	14.25	6.99	6.75	0.31
11.70	2.84	2.61	1.39	14.30	7.01	6.77	0.31
11.75	2.97	2.74	1.50	14.35	7.02	6.78	0.30
11.80	3.09	2.86	1.67	14.40	7.04	6.80	0.30
11.85	3.26	3.03	1.90	14.45	7.05	6.82	0.29
11.90	3.43	3.20	2.22	14.50	7.07	6.83	0.29
11.95	3.73	3.49	2.64	14.55	7.09	6.85	0.28
12.00	4.02	3.79	3.30	14.60	7.10	6.86	0.28
12.05	4.52	4.28	4.21	14.65	7.11	6.88	0.27
12.10	5.01	4.77	5.47	14.70	7.13	6.89	0.26
12.15	5.18	4.94	6.65	14.75	7.14	6.90	0.26
12.20	5.35	5.11	6.46	14.80	7.16	6.92	0.25
12.25	5.47	5.24	5.12	14.85	7.17	6.93	0.25
12.30	5.60	5.36	3.86	14.90	7.18	6.94	0.24
12.35	5.69	5.45	3.03	14.95	7.19	6.96	0.24
12.40	5.78	5.54	2.45	15.00	7.21	6.97	0.23
12.45	5.86	5.62	2.05	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.79	15.10	7.23	6.99	0.22
12.55	6.00	5.76	1.62	15.15	7.24	7.00	0.21
12.60	6.06	5.82	1.44	15.20	7.25	7.02	0.21
12.65	6.11	5.87	1.23	15.25	7.27	7.03	0.21
12.70	6.16	5.92	1.08	15.30	7.28	7.04	0.21
12.75	6.21	5.97	0.99	15.35	7.29	7.05	0.20
12.80	6.25	6.02	0.93	15.40	7.30	7.06	0.20
12.85	6.30	6.06	0.88	15.45	7.31	7.07	0.20
12.90	6.34	6.10	0.84	15.50	7.32	7.08	0.20
12.95	6.38	6.14	0.79	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.19	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.19	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.19	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.18	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.18	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.18	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.18	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.11
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.11
16.35	7.50	7.26	0.17	18.95	7.90	7.66	0.11
16.40	7.51	7.27	0.17	19.00	7.90	7.66	0.11
16.45	7.52	7.28	0.17	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.11
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.11
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.16	19.30	7.94	7.70	0.11
16.75	7.57	7.33	0.16	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.16	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.15	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.15	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.15	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.14	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.14	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.14	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.10
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.10
17.70	7.73	7.49	0.13	20.30	8.06	7.82	0.10
17.75	7.74	7.50	0.13	20.35	8.07	7.83	0.10
17.80	7.74	7.50	0.13	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.12	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.12	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.09	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.09	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.09	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 9.49 cfs @ 12.17 hrs, Volume= 0.721 af, Depth= 5.32"
 Routed to Pond B-25 : Basin #25

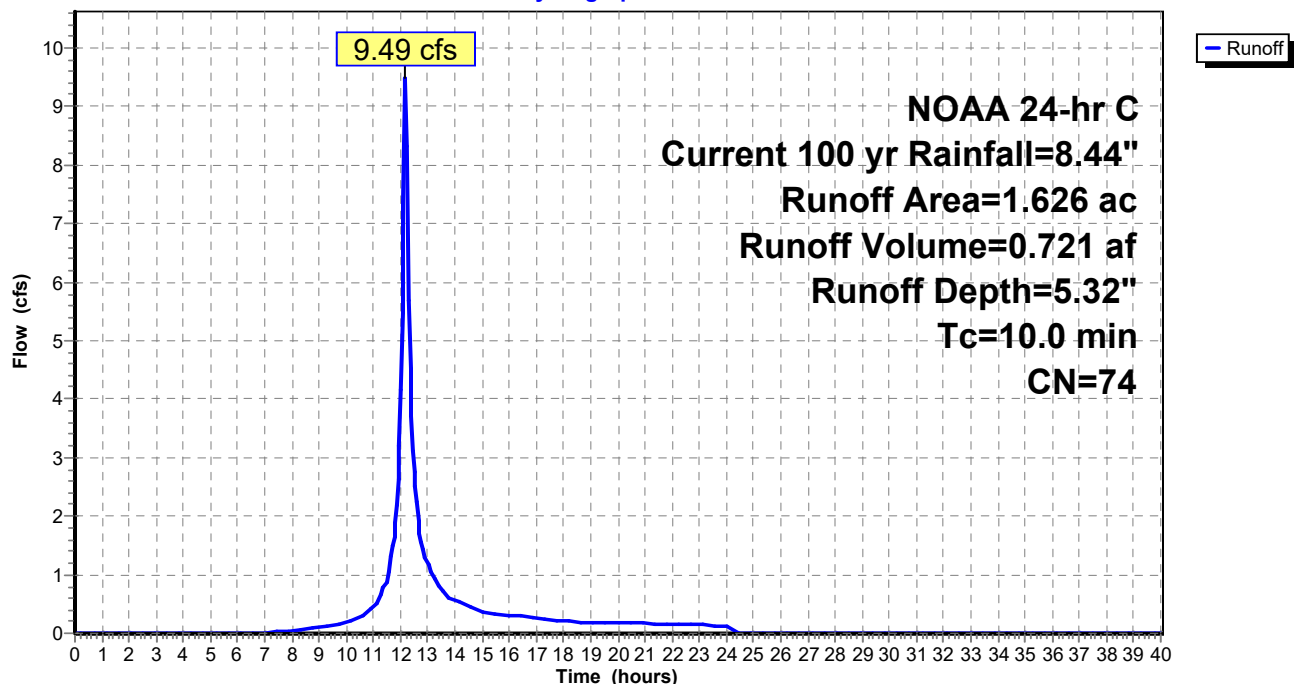
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

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

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.12
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.13
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.13
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.14
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.14
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.15
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.15
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.16
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.16
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.17
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.18
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.18
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.19
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.20
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.20
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.21
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.22
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.22
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.23
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.24

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.25	13.00	6.41	3.54	1.19
10.45	1.72	0.23	0.25	13.05	6.45	3.57	1.13
10.50	1.74	0.24	0.26	13.10	6.48	3.59	1.07
10.55	1.76	0.25	0.27	13.15	6.51	3.62	1.01
10.60	1.79	0.26	0.28	13.20	6.54	3.65	0.96
10.65	1.81	0.27	0.30	13.25	6.57	3.67	0.92
10.70	1.84	0.28	0.32	13.30	6.60	3.70	0.88
10.75	1.87	0.29	0.34	13.35	6.63	3.72	0.84
10.80	1.90	0.30	0.36	13.40	6.65	3.74	0.81
10.85	1.93	0.32	0.38	13.45	6.68	3.76	0.78
10.90	1.96	0.33	0.41	13.50	6.70	3.78	0.74
10.95	1.99	0.35	0.43	13.55	6.72	3.80	0.71
11.00	2.03	0.36	0.46	13.60	6.74	3.82	0.67
11.05	2.06	0.38	0.48	13.65	6.76	3.84	0.64
11.10	2.10	0.40	0.52	13.70	6.78	3.85	0.62
11.15	2.14	0.42	0.56	13.75	6.80	3.87	0.60
11.20	2.19	0.44	0.60	13.80	6.82	3.89	0.59
11.25	2.23	0.46	0.64	13.85	6.84	3.91	0.58
11.30	2.28	0.49	0.69	13.90	6.86	3.92	0.57
11.35	2.33	0.52	0.74	13.95	6.88	3.94	0.56
11.40	2.38	0.54	0.79	14.00	6.90	3.96	0.55
11.45	2.44	0.57	0.84	14.05	6.92	3.97	0.54
11.50	2.49	0.60	0.89	14.10	6.94	3.99	0.54
11.55	2.58	0.65	0.96	14.15	6.95	4.00	0.53
11.60	2.66	0.70	1.11	14.20	6.97	4.02	0.52
11.65	2.75	0.76	1.32	14.25	6.99	4.03	0.51
11.70	2.84	0.81	1.51	14.30	7.01	4.05	0.50
11.75	2.97	0.89	1.66	14.35	7.02	4.06	0.49
11.80	3.09	0.97	1.88	14.40	7.04	4.08	0.48
11.85	3.26	1.08	2.20	14.45	7.05	4.09	0.47
11.90	3.43	1.19	2.63	14.50	7.07	4.10	0.47
11.95	3.73	1.40	3.21	14.55	7.09	4.12	0.46
12.00	4.02	1.61	4.15	14.60	7.10	4.13	0.45
12.05	4.52	1.98	5.47	14.65	7.11	4.14	0.44
12.10	5.01	2.37	7.37	14.70	7.13	4.15	0.43
12.15	5.18	2.51	9.27	14.75	7.14	4.17	0.42
12.20	5.35	2.65	9.22	14.80	7.16	4.18	0.41
12.25	5.47	2.75	7.43	14.85	7.17	4.19	0.40
12.30	5.60	2.85	5.68	14.90	7.18	4.20	0.40
12.35	5.69	2.92	4.52	14.95	7.19	4.21	0.39
12.40	5.78	3.00	3.70	15.00	7.21	4.22	0.38
12.45	5.86	3.07	3.12	15.05	7.22	4.23	0.37
12.50	5.95	3.14	2.74	15.10	7.23	4.24	0.36
12.55	6.00	3.19	2.51	15.15	7.24	4.25	0.35
12.60	6.06	3.23	2.24	15.20	7.25	4.26	0.34
12.65	6.11	3.28	1.92	15.25	7.27	4.27	0.34
12.70	6.16	3.32	1.69	15.30	7.28	4.28	0.34
12.75	6.21	3.36	1.56	15.35	7.29	4.29	0.33
12.80	6.25	3.40	1.46	15.40	7.30	4.30	0.33
12.85	6.30	3.44	1.39	15.45	7.31	4.31	0.33
12.90	6.34	3.47	1.32	15.50	7.32	4.32	0.33
12.95	6.38	3.50	1.26	15.55	7.33	4.33	0.32

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.32	18.20	7.80	4.75	0.20
15.65	7.36	4.35	0.32	18.25	7.80	4.75	0.20
15.70	7.37	4.36	0.32	18.30	7.81	4.76	0.20
15.75	7.38	4.37	0.31	18.35	7.82	4.76	0.20
15.80	7.39	4.38	0.31	18.40	7.82	4.77	0.20
15.85	7.40	4.39	0.31	18.45	7.83	4.78	0.20
15.90	7.41	4.40	0.31	18.50	7.84	4.78	0.19
15.95	7.42	4.41	0.31	18.55	7.84	4.79	0.19
16.00	7.43	4.42	0.30	18.60	7.85	4.79	0.19
16.05	7.44	4.43	0.30	18.65	7.86	4.80	0.19
16.10	7.45	4.44	0.30	18.70	7.86	4.80	0.19
16.15	7.46	4.44	0.30	18.75	7.87	4.81	0.19
16.20	7.47	4.45	0.29	18.80	7.88	4.82	0.19
16.25	7.48	4.46	0.29	18.85	7.88	4.82	0.19
16.30	7.49	4.47	0.29	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.29	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.28	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.28	19.05	7.91	4.84	0.19
16.50	7.53	4.50	0.28	19.10	7.92	4.85	0.19
16.55	7.54	4.51	0.28	19.15	7.92	4.86	0.19
16.60	7.55	4.52	0.27	19.20	7.93	4.86	0.19
16.65	7.55	4.53	0.27	19.25	7.93	4.87	0.19
16.70	7.56	4.54	0.27	19.30	7.94	4.87	0.19
16.75	7.57	4.55	0.27	19.35	7.95	4.88	0.18
16.80	7.58	4.55	0.27	19.40	7.95	4.88	0.18
16.85	7.59	4.56	0.26	19.45	7.96	4.89	0.18
16.90	7.60	4.57	0.26	19.50	7.97	4.90	0.18
16.95	7.61	4.58	0.26	19.55	7.97	4.90	0.18
17.00	7.62	4.58	0.26	19.60	7.98	4.91	0.18
17.05	7.63	4.59	0.25	19.65	7.98	4.91	0.18
17.10	7.63	4.60	0.25	19.70	7.99	4.92	0.18
17.15	7.64	4.61	0.25	19.75	8.00	4.92	0.18
17.20	7.65	4.61	0.25	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.24	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.24	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.24	19.95	8.02	4.94	0.18
17.40	7.68	4.64	0.24	20.00	8.03	4.95	0.18
17.45	7.69	4.65	0.23	20.05	8.03	4.96	0.18
17.50	7.70	4.66	0.23	20.10	8.04	4.96	0.18
17.55	7.71	4.66	0.23	20.15	8.04	4.97	0.18
17.60	7.71	4.67	0.23	20.20	8.05	4.97	0.17
17.65	7.72	4.68	0.23	20.25	8.06	4.98	0.17
17.70	7.73	4.68	0.22	20.30	8.06	4.98	0.17
17.75	7.74	4.69	0.22	20.35	8.07	4.99	0.17
17.80	7.74	4.70	0.22	20.40	8.07	4.99	0.17
17.85	7.75	4.70	0.22	20.45	8.08	5.00	0.17
17.90	7.76	4.71	0.21	20.50	8.09	5.00	0.17
17.95	7.76	4.72	0.21	20.55	8.09	5.01	0.17
18.00	7.77	4.72	0.21	20.60	8.10	5.01	0.17
18.05	7.78	4.73	0.21	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.20	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.17

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.17	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.17	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.17	23.55	8.40	5.28	0.13
21.00	8.14	5.05	0.17	23.60	8.40	5.29	0.13
21.05	8.15	5.06	0.16	23.65	8.41	5.29	0.13
21.10	8.15	5.06	0.16	23.70	8.41	5.30	0.13
21.15	8.16	5.07	0.16	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.16	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.16	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.16	23.90	8.43	5.31	0.13
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.13
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.14
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.14
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.12
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.16	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.16	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.16	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.16	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.15	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.15	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.15	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.15	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.15	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.15	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.15	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.15	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.15	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.15	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.15	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.14	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.14	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.14	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.14	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.14	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.14	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.14	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 7.28 cfs @ 12.17 hrs, Volume= 0.645 af, Depth= 8.20"
 Routed to Pond B-26 : Basin #26

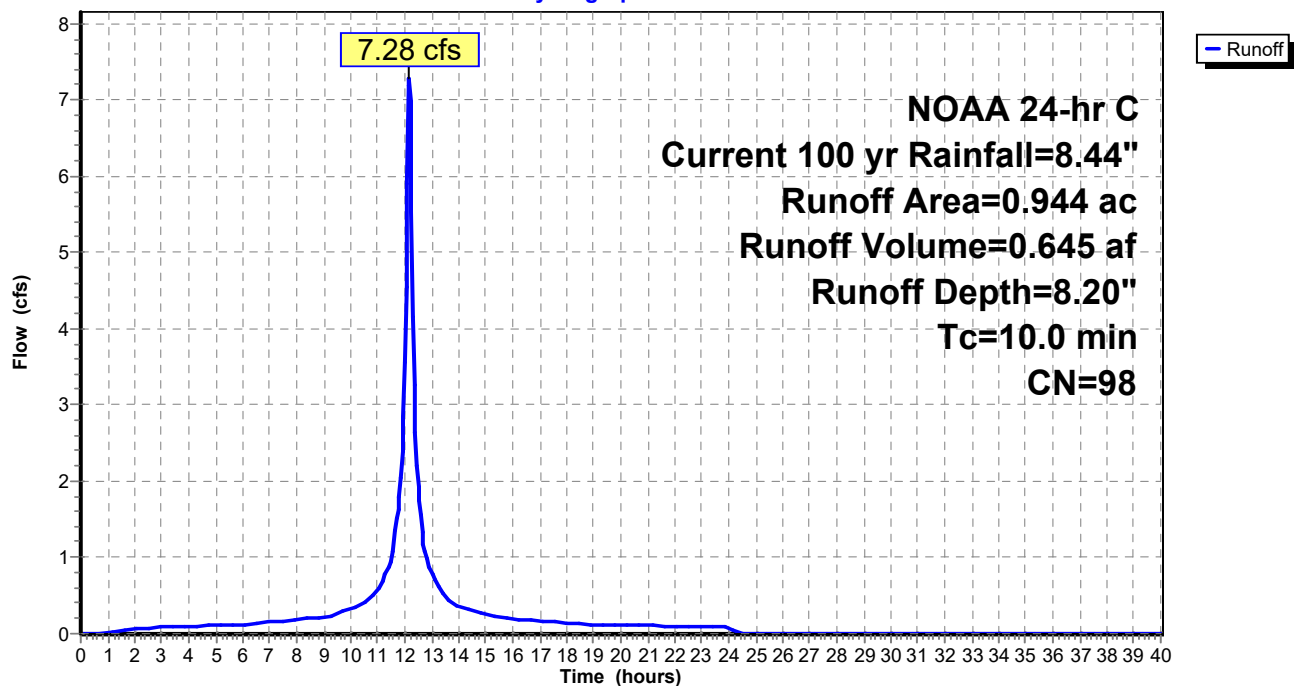
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

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

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.08
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.08
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.08
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.09
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.09
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.09
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.09
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.09
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.10
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.10
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.10
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.10
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.10
1.50	0.14	0.03	0.05	4.10	0.43	0.25	0.10
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.10
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.06	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.06	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.11
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.11
2.15	0.21	0.07	0.07	4.75	0.51	0.32	0.11
2.20	0.21	0.08	0.07	4.80	0.51	0.33	0.11
2.25	0.22	0.08	0.07	4.85	0.52	0.33	0.11
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.11
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.11
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.11
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.11
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.18
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.18
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.18
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.18
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.19
5.50	0.60	0.41	0.12	8.10	1.03	0.82	0.19
5.55	0.61	0.42	0.12	8.15	1.04	0.83	0.19
5.60	0.62	0.42	0.12	8.20	1.05	0.84	0.19
5.65	0.62	0.43	0.12	8.25	1.06	0.85	0.19
5.70	0.63	0.44	0.12	8.30	1.07	0.86	0.19
5.75	0.64	0.44	0.12	8.35	1.08	0.87	0.20
5.80	0.64	0.45	0.12	8.40	1.10	0.88	0.20
5.85	0.65	0.45	0.12	8.45	1.11	0.89	0.20
5.90	0.66	0.46	0.12	8.50	1.12	0.91	0.20
5.95	0.66	0.47	0.12	8.55	1.13	0.92	0.20
6.00	0.67	0.47	0.12	8.60	1.14	0.93	0.20
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.21
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.21
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.21
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.21
6.25	0.70	0.51	0.13	8.85	1.20	0.98	0.21
6.30	0.71	0.51	0.13	8.90	1.21	0.99	0.21
6.35	0.72	0.52	0.13	8.95	1.22	1.01	0.22
6.40	0.73	0.53	0.13	9.00	1.23	1.02	0.22
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.22
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.22
6.55	0.75	0.55	0.14	9.15	1.27	1.05	0.23
6.60	0.76	0.56	0.14	9.20	1.28	1.07	0.23
6.65	0.77	0.57	0.14	9.25	1.30	1.08	0.24
6.70	0.77	0.57	0.14	9.30	1.31	1.09	0.24
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.25
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.26
6.85	0.80	0.60	0.15	9.45	1.35	1.14	0.26
6.90	0.81	0.60	0.15	9.50	1.37	1.15	0.27
6.95	0.81	0.61	0.15	9.55	1.39	1.17	0.27
7.00	0.82	0.62	0.15	9.60	1.40	1.18	0.28
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.29
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.29
7.15	0.85	0.65	0.16	9.75	1.45	1.23	0.30
7.20	0.86	0.65	0.16	9.80	1.47	1.25	0.30
7.25	0.87	0.66	0.16	9.85	1.49	1.27	0.31
7.30	0.88	0.67	0.16	9.90	1.50	1.28	0.32
7.35	0.89	0.68	0.16	9.95	1.52	1.30	0.32
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.33
7.45	0.90	0.70	0.17	10.05	1.56	1.34	0.33
7.50	0.91	0.71	0.17	10.10	1.58	1.36	0.34
7.55	0.92	0.72	0.17	10.15	1.60	1.37	0.35
7.60	0.93	0.73	0.17	10.20	1.62	1.39	0.35
7.65	0.94	0.73	0.17	10.25	1.64	1.41	0.36
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.36
7.75	0.96	0.75	0.18	10.35	1.68	1.45	0.37

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.38	13.00	6.41	6.18	0.81
10.45	1.72	1.50	0.38	13.05	6.45	6.21	0.77
10.50	1.74	1.52	0.39	13.10	6.48	6.24	0.73
10.55	1.76	1.54	0.40	13.15	6.51	6.27	0.68
10.60	1.79	1.56	0.41	13.20	6.54	6.30	0.65
10.65	1.81	1.59	0.43	13.25	6.57	6.33	0.62
10.70	1.84	1.62	0.45	13.30	6.60	6.36	0.59
10.75	1.87	1.64	0.47	13.35	6.63	6.39	0.57
10.80	1.90	1.67	0.49	13.40	6.65	6.41	0.55
10.85	1.93	1.70	0.51	13.45	6.68	6.44	0.52
10.90	1.96	1.73	0.54	13.50	6.70	6.46	0.50
10.95	1.99	1.77	0.56	13.55	6.72	6.48	0.48
11.00	2.03	1.80	0.58	13.60	6.74	6.50	0.45
11.05	2.06	1.84	0.61	13.65	6.76	6.53	0.43
11.10	2.10	1.87	0.64	13.70	6.78	6.55	0.42
11.15	2.14	1.92	0.68	13.75	6.80	6.57	0.40
11.20	2.19	1.96	0.72	13.80	6.82	6.59	0.40
11.25	2.23	2.01	0.76	13.85	6.84	6.61	0.39
11.30	2.28	2.05	0.80	13.90	6.86	6.62	0.38
11.35	2.33	2.10	0.84	13.95	6.88	6.64	0.38
11.40	2.38	2.16	0.89	14.00	6.90	6.66	0.37
11.45	2.44	2.21	0.93	14.05	6.92	6.68	0.36
11.50	2.49	2.26	0.97	14.10	6.94	6.70	0.36
11.55	2.58	2.35	1.02	14.15	6.95	6.72	0.35
11.60	2.66	2.43	1.16	14.20	6.97	6.73	0.35
11.65	2.75	2.52	1.35	14.25	6.99	6.75	0.34
11.70	2.84	2.61	1.51	14.30	7.01	6.77	0.33
11.75	2.97	2.74	1.62	14.35	7.02	6.78	0.33
11.80	3.09	2.86	1.80	14.40	7.04	6.80	0.32
11.85	3.26	3.03	2.05	14.45	7.05	6.82	0.32
11.90	3.43	3.20	2.40	14.50	7.07	6.83	0.31
11.95	3.73	3.49	2.85	14.55	7.09	6.85	0.30
12.00	4.02	3.79	3.57	14.60	7.10	6.86	0.30
12.05	4.52	4.28	4.55	14.65	7.11	6.88	0.29
12.10	5.01	4.77	5.90	14.70	7.13	6.89	0.29
12.15	5.18	4.94	7.18	14.75	7.14	6.90	0.28
12.20	5.35	5.11	6.98	14.80	7.16	6.92	0.27
12.25	5.47	5.24	5.53	14.85	7.17	6.93	0.27
12.30	5.60	5.36	4.17	14.90	7.18	6.94	0.26
12.35	5.69	5.45	3.27	14.95	7.19	6.96	0.26
12.40	5.78	5.54	2.65	15.00	7.21	6.97	0.25
12.45	5.86	5.62	2.21	15.05	7.22	6.98	0.24
12.50	5.95	5.71	1.93	15.10	7.23	6.99	0.24
12.55	6.00	5.76	1.75	15.15	7.24	7.00	0.23
12.60	6.06	5.82	1.55	15.20	7.25	7.02	0.23
12.65	6.11	5.87	1.33	15.25	7.27	7.03	0.22
12.70	6.16	5.92	1.17	15.30	7.28	7.04	0.22
12.75	6.21	5.97	1.07	15.35	7.29	7.05	0.22
12.80	6.25	6.02	1.01	15.40	7.30	7.06	0.22
12.85	6.30	6.06	0.95	15.45	7.31	7.07	0.22
12.90	6.34	6.10	0.90	15.50	7.32	7.08	0.22
12.95	6.38	6.14	0.86	15.55	7.33	7.09	0.21

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.21	18.20	7.80	7.56	0.13
15.65	7.36	7.12	0.21	18.25	7.80	7.57	0.13
15.70	7.37	7.13	0.21	18.30	7.81	7.57	0.13
15.75	7.38	7.14	0.21	18.35	7.82	7.58	0.13
15.80	7.39	7.15	0.21	18.40	7.82	7.59	0.13
15.85	7.40	7.16	0.20	18.45	7.83	7.59	0.13
15.90	7.41	7.17	0.20	18.50	7.84	7.60	0.13
15.95	7.42	7.18	0.20	18.55	7.84	7.61	0.13
16.00	7.43	7.19	0.20	18.60	7.85	7.61	0.13
16.05	7.44	7.20	0.20	18.65	7.86	7.62	0.13
16.10	7.45	7.21	0.20	18.70	7.86	7.62	0.13
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.19	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.19	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.19	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.19	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.19	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.19	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.18	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.18	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.18	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.18	19.25	7.93	7.70	0.12
16.70	7.56	7.32	0.18	19.30	7.94	7.70	0.12
16.75	7.57	7.33	0.18	19.35	7.95	7.71	0.12
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.12
16.85	7.59	7.35	0.17	19.45	7.96	7.72	0.12
16.90	7.60	7.36	0.17	19.50	7.97	7.73	0.12
16.95	7.61	7.37	0.17	19.55	7.97	7.73	0.12
17.00	7.62	7.38	0.17	19.60	7.98	7.74	0.12
17.05	7.63	7.39	0.17	19.65	7.98	7.74	0.12
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.12
17.15	7.64	7.40	0.16	19.75	8.00	7.76	0.12
17.20	7.65	7.41	0.16	19.80	8.00	7.76	0.12
17.25	7.66	7.42	0.16	19.85	8.01	7.77	0.12
17.30	7.67	7.43	0.16	19.90	8.01	7.78	0.12
17.35	7.67	7.43	0.16	19.95	8.02	7.78	0.12
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.15	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.15	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.15	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.15	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.15	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.15	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.14	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.14	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.14	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.14	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.14	20.60	8.10	7.86	0.11
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.11
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.11
18.15	7.79	7.55	0.13	20.75	8.11	7.87	0.11

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.11	23.40	8.38	8.14	0.09
20.85	8.13	7.89	0.11	23.45	8.39	8.15	0.09
20.90	8.13	7.89	0.11	23.50	8.39	8.15	0.09
20.95	8.14	7.90	0.11	23.55	8.40	8.16	0.09
21.00	8.14	7.90	0.11	23.60	8.40	8.16	0.09
21.05	8.15	7.91	0.11	23.65	8.41	8.17	0.09
21.10	8.15	7.91	0.11	23.70	8.41	8.17	0.09
21.15	8.16	7.92	0.11	23.75	8.42	8.18	0.09
21.20	8.16	7.92	0.11	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.09
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.10	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.10	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.10	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.10	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.10	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.10	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.10	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.10	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.10	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.10	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.10	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.09	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.09	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.09	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.09	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 8.30 cfs @ 12.17 hrs, Volume= 0.631 af, Depth= 5.32"
 Routed to Pond B-26 : Basin #26

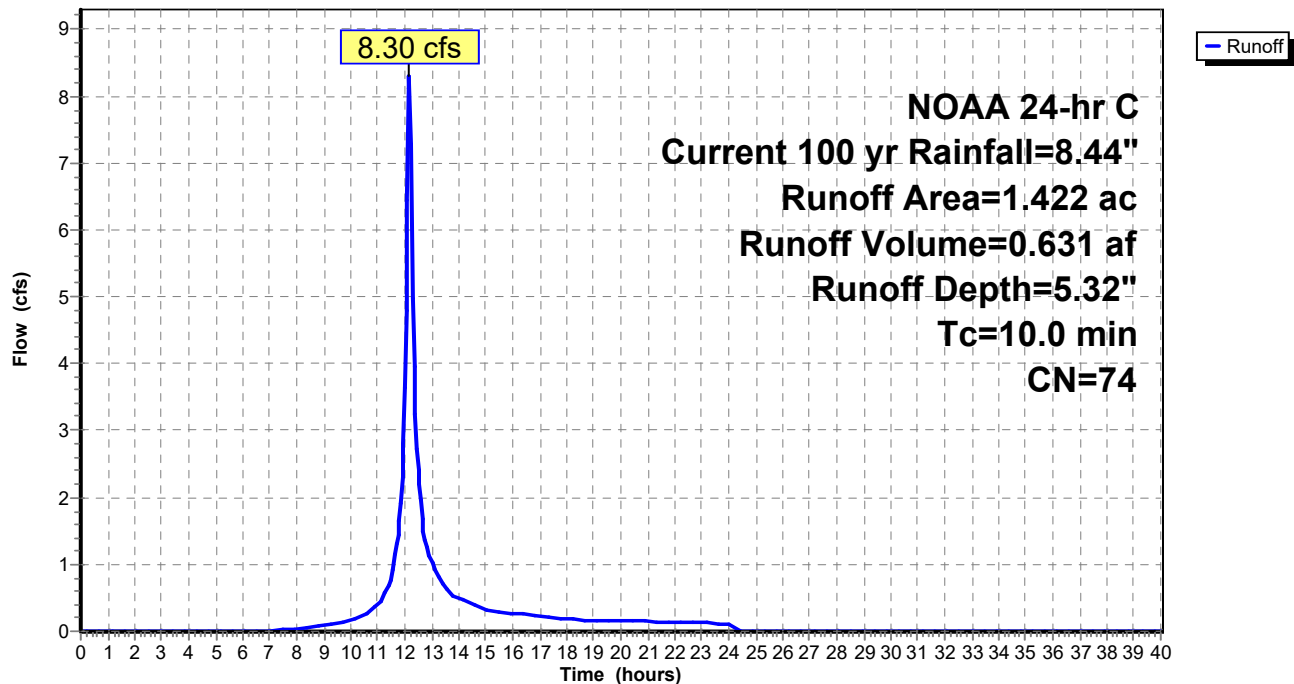
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

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

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.10
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.11
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.12
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.12
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.13
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.13
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.14
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.14
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.15
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.15
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.16
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.17
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.17
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.18
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.18
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.19
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.20
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.20
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.21

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.22	13.00	6.41	3.54	1.04
10.45	1.72	0.23	0.22	13.05	6.45	3.57	0.99
10.50	1.74	0.24	0.23	13.10	6.48	3.59	0.93
10.55	1.76	0.25	0.24	13.15	6.51	3.62	0.88
10.60	1.79	0.26	0.25	13.20	6.54	3.65	0.84
10.65	1.81	0.27	0.26	13.25	6.57	3.67	0.80
10.70	1.84	0.28	0.28	13.30	6.60	3.70	0.77
10.75	1.87	0.29	0.30	13.35	6.63	3.72	0.74
10.80	1.90	0.30	0.32	13.40	6.65	3.74	0.71
10.85	1.93	0.32	0.34	13.45	6.68	3.76	0.68
10.90	1.96	0.33	0.36	13.50	6.70	3.78	0.65
10.95	1.99	0.35	0.38	13.55	6.72	3.80	0.62
11.00	2.03	0.36	0.40	13.60	6.74	3.82	0.59
11.05	2.06	0.38	0.42	13.65	6.76	3.84	0.56
11.10	2.10	0.40	0.45	13.70	6.78	3.85	0.54
11.15	2.14	0.42	0.49	13.75	6.80	3.87	0.53
11.20	2.19	0.44	0.52	13.80	6.82	3.89	0.52
11.25	2.23	0.46	0.56	13.85	6.84	3.91	0.51
11.30	2.28	0.49	0.60	13.90	6.86	3.92	0.50
11.35	2.33	0.52	0.65	13.95	6.88	3.94	0.49
11.40	2.38	0.54	0.69	14.00	6.90	3.96	0.48
11.45	2.44	0.57	0.74	14.05	6.92	3.97	0.48
11.50	2.49	0.60	0.78	14.10	6.94	3.99	0.47
11.55	2.58	0.65	0.84	14.15	6.95	4.00	0.46
11.60	2.66	0.70	0.97	14.20	6.97	4.02	0.45
11.65	2.75	0.76	1.16	14.25	6.99	4.03	0.45
11.70	2.84	0.81	1.32	14.30	7.01	4.05	0.44
11.75	2.97	0.89	1.45	14.35	7.02	4.06	0.43
11.80	3.09	0.97	1.65	14.40	7.04	4.08	0.42
11.85	3.26	1.08	1.92	14.45	7.05	4.09	0.42
11.90	3.43	1.19	2.30	14.50	7.07	4.10	0.41
11.95	3.73	1.40	2.81	14.55	7.09	4.12	0.40
12.00	4.02	1.61	3.63	14.60	7.10	4.13	0.39
12.05	4.52	1.98	4.78	14.65	7.11	4.14	0.38
12.10	5.01	2.37	6.45	14.70	7.13	4.15	0.38
12.15	5.18	2.51	8.11	14.75	7.14	4.17	0.37
12.20	5.35	2.65	8.07	14.80	7.16	4.18	0.36
12.25	5.47	2.75	6.50	14.85	7.17	4.19	0.35
12.30	5.60	2.85	4.97	14.90	7.18	4.20	0.35
12.35	5.69	2.92	3.95	14.95	7.19	4.21	0.34
12.40	5.78	3.00	3.24	15.00	7.21	4.22	0.33
12.45	5.86	3.07	2.73	15.05	7.22	4.23	0.32
12.50	5.95	3.14	2.40	15.10	7.23	4.24	0.31
12.55	6.00	3.19	2.19	15.15	7.24	4.25	0.31
12.60	6.06	3.23	1.95	15.20	7.25	4.26	0.30
12.65	6.11	3.28	1.68	15.25	7.27	4.27	0.30
12.70	6.16	3.32	1.48	15.30	7.28	4.28	0.29
12.75	6.21	3.36	1.36	15.35	7.29	4.29	0.29
12.80	6.25	3.40	1.28	15.40	7.30	4.30	0.29
12.85	6.30	3.44	1.21	15.45	7.31	4.31	0.29
12.90	6.34	3.47	1.15	15.50	7.32	4.32	0.29
12.95	6.38	3.50	1.10	15.55	7.33	4.33	0.28

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.28	18.20	7.80	4.75	0.17
15.65	7.36	4.35	0.28	18.25	7.80	4.75	0.17
15.70	7.37	4.36	0.28	18.30	7.81	4.76	0.17
15.75	7.38	4.37	0.28	18.35	7.82	4.76	0.17
15.80	7.39	4.38	0.27	18.40	7.82	4.77	0.17
15.85	7.40	4.39	0.27	18.45	7.83	4.78	0.17
15.90	7.41	4.40	0.27	18.50	7.84	4.78	0.17
15.95	7.42	4.41	0.27	18.55	7.84	4.79	0.17
16.00	7.43	4.42	0.27	18.60	7.85	4.79	0.17
16.05	7.44	4.43	0.26	18.65	7.86	4.80	0.17
16.10	7.45	4.44	0.26	18.70	7.86	4.80	0.17
16.15	7.46	4.44	0.26	18.75	7.87	4.81	0.17
16.20	7.47	4.45	0.26	18.80	7.88	4.82	0.17
16.25	7.48	4.46	0.26	18.85	7.88	4.82	0.17
16.30	7.49	4.47	0.25	18.90	7.89	4.83	0.17
16.35	7.50	4.48	0.25	18.95	7.90	4.83	0.17
16.40	7.51	4.49	0.25	19.00	7.90	4.84	0.17
16.45	7.52	4.50	0.25	19.05	7.91	4.84	0.16
16.50	7.53	4.50	0.24	19.10	7.92	4.85	0.16
16.55	7.54	4.51	0.24	19.15	7.92	4.86	0.16
16.60	7.55	4.52	0.24	19.20	7.93	4.86	0.16
16.65	7.55	4.53	0.24	19.25	7.93	4.87	0.16
16.70	7.56	4.54	0.24	19.30	7.94	4.87	0.16
16.75	7.57	4.55	0.23	19.35	7.95	4.88	0.16
16.80	7.58	4.55	0.23	19.40	7.95	4.88	0.16
16.85	7.59	4.56	0.23	19.45	7.96	4.89	0.16
16.90	7.60	4.57	0.23	19.50	7.97	4.90	0.16
16.95	7.61	4.58	0.23	19.55	7.97	4.90	0.16
17.00	7.62	4.58	0.22	19.60	7.98	4.91	0.16
17.05	7.63	4.59	0.22	19.65	7.98	4.91	0.16
17.10	7.63	4.60	0.22	19.70	7.99	4.92	0.16
17.15	7.64	4.61	0.22	19.75	8.00	4.92	0.16
17.20	7.65	4.61	0.22	19.80	8.00	4.93	0.16
17.25	7.66	4.62	0.21	19.85	8.01	4.93	0.16
17.30	7.67	4.63	0.21	19.90	8.01	4.94	0.16
17.35	7.67	4.64	0.21	19.95	8.02	4.94	0.16
17.40	7.68	4.64	0.21	20.00	8.03	4.95	0.16
17.45	7.69	4.65	0.20	20.05	8.03	4.96	0.15
17.50	7.70	4.66	0.20	20.10	8.04	4.96	0.15
17.55	7.71	4.66	0.20	20.15	8.04	4.97	0.15
17.60	7.71	4.67	0.20	20.20	8.05	4.97	0.15
17.65	7.72	4.68	0.20	20.25	8.06	4.98	0.15
17.70	7.73	4.68	0.19	20.30	8.06	4.98	0.15
17.75	7.74	4.69	0.19	20.35	8.07	4.99	0.15
17.80	7.74	4.70	0.19	20.40	8.07	4.99	0.15
17.85	7.75	4.70	0.19	20.45	8.08	5.00	0.15
17.90	7.76	4.71	0.19	20.50	8.09	5.00	0.15
17.95	7.76	4.72	0.18	20.55	8.09	5.01	0.15
18.00	7.77	4.72	0.18	20.60	8.10	5.01	0.15
18.05	7.78	4.73	0.18	20.65	8.10	5.02	0.15
18.10	7.78	4.73	0.18	20.70	8.11	5.02	0.15
18.15	7.79	4.74	0.18	20.75	8.11	5.03	0.15

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.15	23.40	8.38	5.27	0.12
20.85	8.13	5.04	0.15	23.45	8.39	5.28	0.12
20.90	8.13	5.04	0.15	23.50	8.39	5.28	0.12
20.95	8.14	5.05	0.14	23.55	8.40	5.28	0.12
21.00	8.14	5.05	0.14	23.60	8.40	5.29	0.12
21.05	8.15	5.06	0.14	23.65	8.41	5.29	0.12
21.10	8.15	5.06	0.14	23.70	8.41	5.30	0.12
21.15	8.16	5.07	0.14	23.75	8.42	5.30	0.12
21.20	8.16	5.07	0.14	23.80	8.42	5.30	0.12
21.25	8.17	5.08	0.14	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.14	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.14	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.14	24.00	8.44	5.32	0.12
21.45	8.19	5.10	0.14	24.05	8.44	5.32	0.12
21.50	8.20	5.10	0.14	24.10	8.44	5.32	0.10
21.55	8.20	5.11	0.14	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.14	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.14	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.14	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.14	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.14	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.14	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.14	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.13	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.13	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.13	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.13	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.13	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.13	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.13	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.13	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.13	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.13	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.13	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.13	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.13	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.13	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.13	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.13	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.13	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.12	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.12	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.12	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.12	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.12	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.12	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.12	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.12	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 6.93 cfs @ 12.17 hrs, Volume= 0.614 af, Depth= 8.20"
 Routed to Pond B-27 : Basin #27

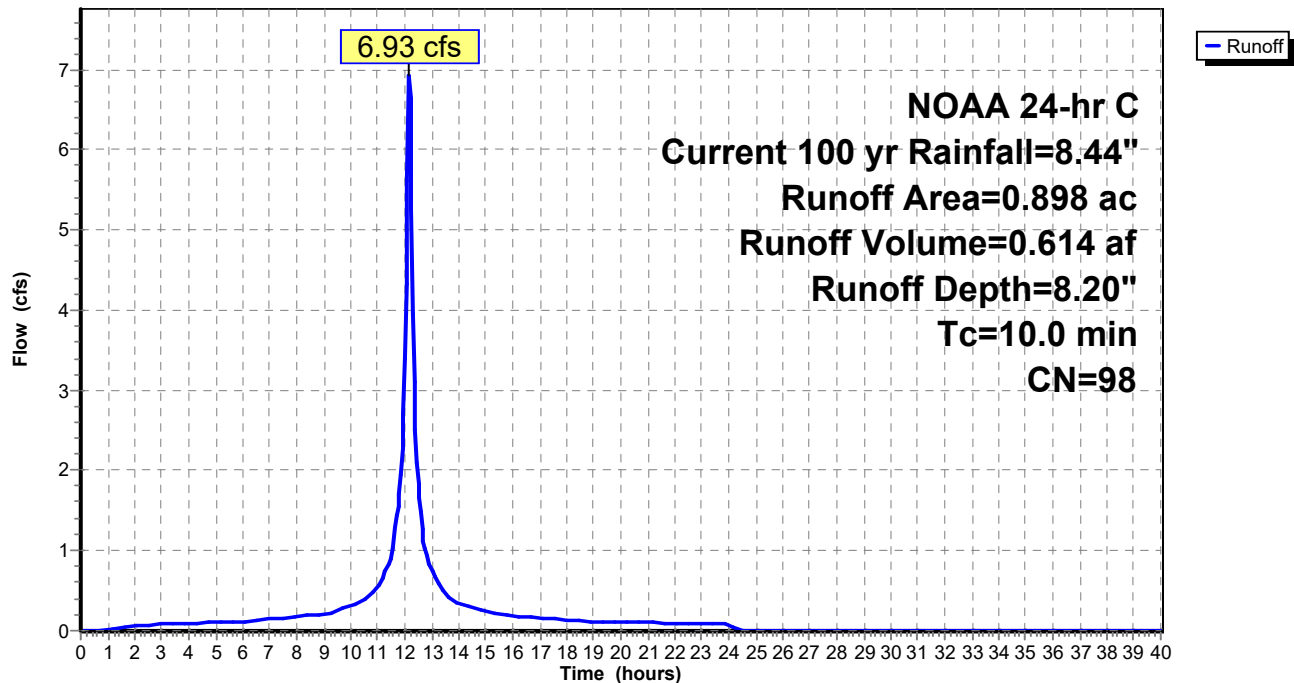
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.17
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.17
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.17
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.17
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.18
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.18
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.18
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.18
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.18
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.18
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.19
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.19
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.19
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.19
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.19
6.00	0.67	0.47	0.11	8.60	1.14	0.93	0.19
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.20
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.20
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.20
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.20
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.20
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.20
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.20
6.40	0.73	0.53	0.12	9.00	1.23	1.02	0.21
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.21
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.21
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.22
6.60	0.76	0.56	0.13	9.20	1.28	1.07	0.22
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.23
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.23
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.24
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.24
6.85	0.80	0.60	0.14	9.45	1.35	1.14	0.25
6.90	0.81	0.60	0.14	9.50	1.37	1.15	0.25
6.95	0.81	0.61	0.14	9.55	1.39	1.17	0.26
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.27
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.27
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.28
7.15	0.85	0.65	0.15	9.75	1.45	1.23	0.28
7.20	0.86	0.65	0.15	9.80	1.47	1.25	0.29
7.25	0.87	0.66	0.15	9.85	1.49	1.27	0.29
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.30
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.31
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.31
7.45	0.90	0.70	0.16	10.05	1.56	1.34	0.32
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.32
7.55	0.92	0.72	0.16	10.15	1.60	1.37	0.33
7.60	0.93	0.73	0.16	10.20	1.62	1.39	0.34
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.34
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.35
7.75	0.96	0.75	0.17	10.35	1.68	1.45	0.35

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.36	13.00	6.41	6.18	0.77
10.45	1.72	1.50	0.36	13.05	6.45	6.21	0.73
10.50	1.74	1.52	0.37	13.10	6.48	6.24	0.69
10.55	1.76	1.54	0.38	13.15	6.51	6.27	0.65
10.60	1.79	1.56	0.39	13.20	6.54	6.30	0.62
10.65	1.81	1.59	0.41	13.25	6.57	6.33	0.59
10.70	1.84	1.62	0.43	13.30	6.60	6.36	0.57
10.75	1.87	1.64	0.45	13.35	6.63	6.39	0.54
10.80	1.90	1.67	0.47	13.40	6.65	6.41	0.52
10.85	1.93	1.70	0.49	13.45	6.68	6.44	0.50
10.90	1.96	1.73	0.51	13.50	6.70	6.46	0.48
10.95	1.99	1.77	0.53	13.55	6.72	6.48	0.45
11.00	2.03	1.80	0.55	13.60	6.74	6.50	0.43
11.05	2.06	1.84	0.58	13.65	6.76	6.53	0.41
11.10	2.10	1.87	0.61	13.70	6.78	6.55	0.40
11.15	2.14	1.92	0.64	13.75	6.80	6.57	0.38
11.20	2.19	1.96	0.68	13.80	6.82	6.59	0.38
11.25	2.23	2.01	0.72	13.85	6.84	6.61	0.37
11.30	2.28	2.05	0.76	13.90	6.86	6.62	0.36
11.35	2.33	2.10	0.80	13.95	6.88	6.64	0.36
11.40	2.38	2.16	0.84	14.00	6.90	6.66	0.35
11.45	2.44	2.21	0.88	14.05	6.92	6.68	0.35
11.50	2.49	2.26	0.92	14.10	6.94	6.70	0.34
11.55	2.58	2.35	0.97	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.10	14.20	6.97	6.73	0.33
11.65	2.75	2.52	1.28	14.25	6.99	6.75	0.32
11.70	2.84	2.61	1.43	14.30	7.01	6.77	0.32
11.75	2.97	2.74	1.54	14.35	7.02	6.78	0.31
11.80	3.09	2.86	1.71	14.40	7.04	6.80	0.31
11.85	3.26	3.03	1.95	14.45	7.05	6.82	0.30
11.90	3.43	3.20	2.28	14.50	7.07	6.83	0.29
11.95	3.73	3.49	2.71	14.55	7.09	6.85	0.29
12.00	4.02	3.79	3.40	14.60	7.10	6.86	0.28
12.05	4.52	4.28	4.32	14.65	7.11	6.88	0.28
12.10	5.01	4.77	5.62	14.70	7.13	6.89	0.27
12.15	5.18	4.94	6.83	14.75	7.14	6.90	0.27
12.20	5.35	5.11	6.64	14.80	7.16	6.92	0.26
12.25	5.47	5.24	5.26	14.85	7.17	6.93	0.25
12.30	5.60	5.36	3.96	14.90	7.18	6.94	0.25
12.35	5.69	5.45	3.11	14.95	7.19	6.96	0.24
12.40	5.78	5.54	2.52	15.00	7.21	6.97	0.24
12.45	5.86	5.62	2.10	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.84	15.10	7.23	6.99	0.23
12.55	6.00	5.76	1.67	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.48	15.20	7.25	7.02	0.22
12.65	6.11	5.87	1.27	15.25	7.27	7.03	0.21
12.70	6.16	5.92	1.11	15.30	7.28	7.04	0.21
12.75	6.21	5.97	1.02	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.96	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.91	15.45	7.31	7.07	0.21
12.90	6.34	6.10	0.86	15.50	7.32	7.08	0.21
12.95	6.38	6.14	0.82	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.20	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.20	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.19	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.18	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.11
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.16	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.15	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.14	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 7.33 cfs @ 12.17 hrs, Volume= 0.584 af, Depth= 6.76"
 Routed to Pond B-27 : Basin #27

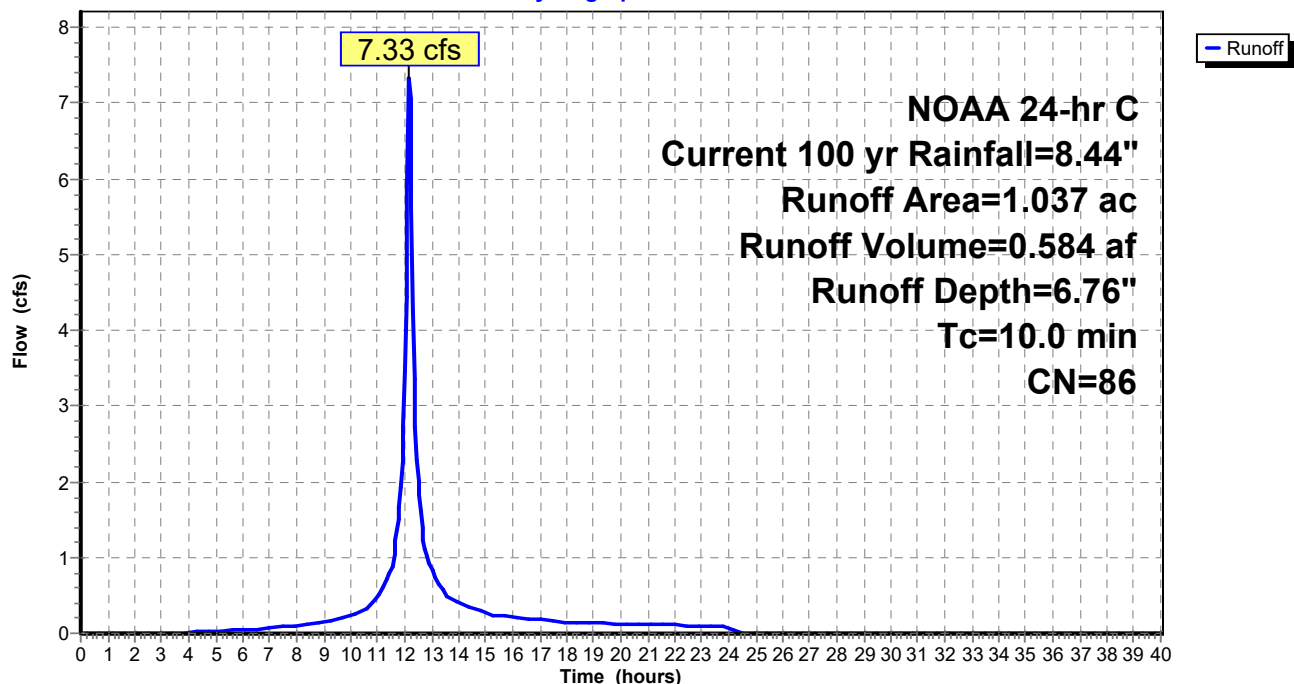
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.01
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.01
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.01
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.01
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.01
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.01
1.45	0.14	0.00	0.00	4.05	0.42	0.01	0.01
1.50	0.14	0.00	0.00	4.10	0.43	0.01	0.01
1.55	0.15	0.00	0.00	4.15	0.43	0.01	0.01
1.60	0.15	0.00	0.00	4.20	0.44	0.01	0.01
1.65	0.16	0.00	0.00	4.25	0.44	0.01	0.01
1.70	0.16	0.00	0.00	4.30	0.45	0.01	0.01
1.75	0.17	0.00	0.00	4.35	0.46	0.01	0.02
1.80	0.17	0.00	0.00	4.40	0.46	0.01	0.02
1.85	0.18	0.00	0.00	4.45	0.47	0.01	0.02
1.90	0.18	0.00	0.00	4.50	0.47	0.01	0.02
1.95	0.19	0.00	0.00	4.55	0.48	0.01	0.02
2.00	0.19	0.00	0.00	4.60	0.49	0.01	0.02
2.05	0.20	0.00	0.00	4.65	0.49	0.02	0.02
2.10	0.20	0.00	0.00	4.70	0.50	0.02	0.02
2.15	0.21	0.00	0.00	4.75	0.51	0.02	0.02
2.20	0.21	0.00	0.00	4.80	0.51	0.02	0.02
2.25	0.22	0.00	0.00	4.85	0.52	0.02	0.02
2.30	0.22	0.00	0.00	4.90	0.52	0.02	0.02
2.35	0.23	0.00	0.00	4.95	0.53	0.02	0.03
2.40	0.23	0.00	0.00	5.00	0.54	0.02	0.03
2.45	0.24	0.00	0.00	5.05	0.54	0.03	0.03
2.50	0.24	0.00	0.00	5.10	0.55	0.03	0.03
2.55	0.25	0.00	0.00	5.15	0.56	0.03	0.03

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.03	0.03	7.80	0.97	0.18	0.10
5.25	0.57	0.03	0.03	7.85	0.98	0.19	0.10
5.30	0.58	0.03	0.03	7.90	0.99	0.19	0.10
5.35	0.58	0.03	0.03	7.95	1.00	0.20	0.10
5.40	0.59	0.04	0.03	8.00	1.01	0.20	0.10
5.45	0.60	0.04	0.03	8.05	1.02	0.21	0.10
5.50	0.60	0.04	0.03	8.10	1.03	0.21	0.11
5.55	0.61	0.04	0.04	8.15	1.04	0.22	0.11
5.60	0.62	0.04	0.04	8.20	1.05	0.22	0.11
5.65	0.62	0.05	0.04	8.25	1.06	0.23	0.11
5.70	0.63	0.05	0.04	8.30	1.07	0.24	0.11
5.75	0.64	0.05	0.04	8.35	1.08	0.24	0.12
5.80	0.64	0.05	0.04	8.40	1.10	0.25	0.12
5.85	0.65	0.05	0.04	8.45	1.11	0.25	0.12
5.90	0.66	0.06	0.04	8.50	1.12	0.26	0.12
5.95	0.66	0.06	0.04	8.55	1.13	0.27	0.12
6.00	0.67	0.06	0.04	8.60	1.14	0.27	0.12
6.05	0.68	0.06	0.04	8.65	1.15	0.28	0.13
6.10	0.68	0.06	0.04	8.70	1.16	0.28	0.13
6.15	0.69	0.07	0.05	8.75	1.17	0.29	0.13
6.20	0.70	0.07	0.05	8.80	1.19	0.30	0.13
6.25	0.70	0.07	0.05	8.85	1.20	0.30	0.13
6.30	0.71	0.07	0.05	8.90	1.21	0.31	0.14
6.35	0.72	0.08	0.05	8.95	1.22	0.32	0.14
6.40	0.73	0.08	0.05	9.00	1.23	0.32	0.14
6.45	0.73	0.08	0.05	9.05	1.25	0.33	0.14
6.50	0.74	0.08	0.05	9.10	1.26	0.34	0.15
6.55	0.75	0.09	0.06	9.15	1.27	0.35	0.15
6.60	0.76	0.09	0.06	9.20	1.28	0.35	0.15
6.65	0.77	0.09	0.06	9.25	1.30	0.36	0.16
6.70	0.77	0.10	0.06	9.30	1.31	0.37	0.16
6.75	0.78	0.10	0.06	9.35	1.33	0.38	0.17
6.80	0.79	0.10	0.06	9.40	1.34	0.39	0.17
6.85	0.80	0.11	0.06	9.45	1.35	0.40	0.18
6.90	0.81	0.11	0.07	9.50	1.37	0.41	0.18
6.95	0.81	0.11	0.07	9.55	1.39	0.42	0.19
7.00	0.82	0.12	0.07	9.60	1.40	0.43	0.20
7.05	0.83	0.12	0.07	9.65	1.42	0.44	0.20
7.10	0.84	0.12	0.07	9.70	1.43	0.45	0.21
7.15	0.85	0.13	0.07	9.75	1.45	0.46	0.21
7.20	0.86	0.13	0.08	9.80	1.47	0.47	0.22
7.25	0.87	0.14	0.08	9.85	1.49	0.48	0.22
7.30	0.88	0.14	0.08	9.90	1.50	0.49	0.23
7.35	0.89	0.14	0.08	9.95	1.52	0.51	0.24
7.40	0.89	0.15	0.08	10.00	1.54	0.52	0.24
7.45	0.90	0.15	0.08	10.05	1.56	0.53	0.25
7.50	0.91	0.16	0.09	10.10	1.58	0.54	0.25
7.55	0.92	0.16	0.09	10.15	1.60	0.56	0.26
7.60	0.93	0.16	0.09	10.20	1.62	0.57	0.27
7.65	0.94	0.17	0.09	10.25	1.64	0.58	0.27
7.70	0.95	0.17	0.09	10.30	1.66	0.60	0.28
7.75	0.96	0.18	0.09	10.35	1.68	0.61	0.28

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.63	0.29	13.00	6.41	4.80	0.85
10.45	1.72	0.64	0.30	13.05	6.45	4.84	0.81
10.50	1.74	0.66	0.30	13.10	6.48	4.87	0.76
10.55	1.76	0.67	0.31	13.15	6.51	4.90	0.72
10.60	1.79	0.69	0.32	13.20	6.54	4.93	0.68
10.65	1.81	0.71	0.34	13.25	6.57	4.96	0.65
10.70	1.84	0.73	0.36	13.30	6.60	4.98	0.63
10.75	1.87	0.75	0.38	13.35	6.63	5.01	0.60
10.80	1.90	0.77	0.40	13.40	6.65	5.03	0.58
10.85	1.93	0.79	0.42	13.45	6.68	5.06	0.55
10.90	1.96	0.82	0.44	13.50	6.70	5.08	0.53
10.95	1.99	0.84	0.46	13.55	6.72	5.10	0.50
11.00	2.03	0.87	0.48	13.60	6.74	5.12	0.48
11.05	2.06	0.90	0.51	13.65	6.76	5.14	0.46
11.10	2.10	0.93	0.53	13.70	6.78	5.16	0.44
11.15	2.14	0.96	0.57	13.75	6.80	5.18	0.43
11.20	2.19	0.99	0.61	13.80	6.82	5.20	0.42
11.25	2.23	1.03	0.65	13.85	6.84	5.22	0.41
11.30	2.28	1.07	0.69	13.90	6.86	5.23	0.40
11.35	2.33	1.11	0.73	13.95	6.88	5.25	0.40
11.40	2.38	1.15	0.77	14.00	6.90	5.27	0.39
11.45	2.44	1.19	0.81	14.05	6.92	5.29	0.38
11.50	2.49	1.24	0.86	14.10	6.94	5.31	0.38
11.55	2.58	1.31	0.91	14.15	6.95	5.32	0.37
11.60	2.66	1.38	1.04	14.20	6.97	5.34	0.37
11.65	2.75	1.45	1.22	14.25	6.99	5.36	0.36
11.70	2.84	1.53	1.37	14.30	7.01	5.37	0.35
11.75	2.97	1.63	1.49	14.35	7.02	5.39	0.35
11.80	3.09	1.74	1.67	14.40	7.04	5.40	0.34
11.85	3.26	1.89	1.92	14.45	7.05	5.42	0.33
11.90	3.43	2.04	2.27	14.50	7.07	5.43	0.33
11.95	3.73	2.30	2.72	14.55	7.09	5.45	0.32
12.00	4.02	2.57	3.45	14.60	7.10	5.46	0.32
12.05	4.52	3.02	4.45	14.65	7.11	5.48	0.31
12.10	5.01	3.47	5.85	14.70	7.13	5.49	0.30
12.15	5.18	3.63	7.21	14.75	7.14	5.50	0.30
12.20	5.35	3.79	7.07	14.80	7.16	5.52	0.29
12.25	5.47	3.91	5.63	14.85	7.17	5.53	0.28
12.30	5.60	4.03	4.26	14.90	7.18	5.54	0.28
12.35	5.69	4.11	3.36	14.95	7.19	5.55	0.27
12.40	5.78	4.20	2.73	15.00	7.21	5.57	0.26
12.45	5.86	4.28	2.29	15.05	7.22	5.58	0.26
12.50	5.95	4.36	2.00	15.10	7.23	5.59	0.25
12.55	6.00	4.41	1.82	15.15	7.24	5.60	0.25
12.60	6.06	4.46	1.62	15.20	7.25	5.61	0.24
12.65	6.11	4.51	1.39	15.25	7.27	5.62	0.24
12.70	6.16	4.56	1.22	15.30	7.28	5.63	0.24
12.75	6.21	4.61	1.12	15.35	7.29	5.64	0.23
12.80	6.25	4.65	1.05	15.40	7.30	5.65	0.23
12.85	6.30	4.69	1.00	15.45	7.31	5.67	0.23
12.90	6.34	4.73	0.95	15.50	7.32	5.68	0.23
12.95	6.38	4.77	0.90	15.55	7.33	5.69	0.23

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	5.70	0.23	18.20	7.80	6.14	0.14
15.65	7.36	5.71	0.22	18.25	7.80	6.14	0.14
15.70	7.37	5.72	0.22	18.30	7.81	6.15	0.14
15.75	7.38	5.73	0.22	18.35	7.82	6.16	0.14
15.80	7.39	5.74	0.22	18.40	7.82	6.16	0.14
15.85	7.40	5.75	0.22	18.45	7.83	6.17	0.14
15.90	7.41	5.76	0.21	18.50	7.84	6.17	0.14
15.95	7.42	5.77	0.21	18.55	7.84	6.18	0.13
16.00	7.43	5.78	0.21	18.60	7.85	6.19	0.13
16.05	7.44	5.79	0.21	18.65	7.86	6.19	0.13
16.10	7.45	5.80	0.21	18.70	7.86	6.20	0.13
16.15	7.46	5.81	0.21	18.75	7.87	6.21	0.13
16.20	7.47	5.82	0.21	18.80	7.88	6.21	0.13
16.25	7.48	5.83	0.20	18.85	7.88	6.22	0.13
16.30	7.49	5.84	0.20	18.90	7.89	6.23	0.13
16.35	7.50	5.85	0.20	18.95	7.90	6.23	0.13
16.40	7.51	5.86	0.20	19.00	7.90	6.24	0.13
16.45	7.52	5.86	0.20	19.05	7.91	6.24	0.13
16.50	7.53	5.87	0.20	19.10	7.92	6.25	0.13
16.55	7.54	5.88	0.19	19.15	7.92	6.26	0.13
16.60	7.55	5.89	0.19	19.20	7.93	6.26	0.13
16.65	7.55	5.90	0.19	19.25	7.93	6.27	0.13
16.70	7.56	5.91	0.19	19.30	7.94	6.27	0.13
16.75	7.57	5.92	0.19	19.35	7.95	6.28	0.13
16.80	7.58	5.93	0.18	19.40	7.95	6.29	0.13
16.85	7.59	5.94	0.18	19.45	7.96	6.29	0.13
16.90	7.60	5.94	0.18	19.50	7.97	6.30	0.13
16.95	7.61	5.95	0.18	19.55	7.97	6.30	0.13
17.00	7.62	5.96	0.18	19.60	7.98	6.31	0.13
17.05	7.63	5.97	0.18	19.65	7.98	6.32	0.13
17.10	7.63	5.98	0.18	19.70	7.99	6.32	0.12
17.15	7.64	5.98	0.17	19.75	8.00	6.33	0.12
17.20	7.65	5.99	0.17	19.80	8.00	6.33	0.12
17.25	7.66	6.00	0.17	19.85	8.01	6.34	0.12
17.30	7.67	6.01	0.17	19.90	8.01	6.35	0.12
17.35	7.67	6.02	0.17	19.95	8.02	6.35	0.12
17.40	7.68	6.02	0.16	20.00	8.03	6.36	0.12
17.45	7.69	6.03	0.16	20.05	8.03	6.36	0.12
17.50	7.70	6.04	0.16	20.10	8.04	6.37	0.12
17.55	7.71	6.05	0.16	20.15	8.04	6.37	0.12
17.60	7.71	6.05	0.16	20.20	8.05	6.38	0.12
17.65	7.72	6.06	0.16	20.25	8.06	6.39	0.12
17.70	7.73	6.07	0.15	20.30	8.06	6.39	0.12
17.75	7.74	6.08	0.15	20.35	8.07	6.40	0.12
17.80	7.74	6.08	0.15	20.40	8.07	6.40	0.12
17.85	7.75	6.09	0.15	20.45	8.08	6.41	0.12
17.90	7.76	6.10	0.15	20.50	8.09	6.41	0.12
17.95	7.76	6.10	0.15	20.55	8.09	6.42	0.12
18.00	7.77	6.11	0.14	20.60	8.10	6.43	0.12
18.05	7.78	6.12	0.14	20.65	8.10	6.43	0.12
18.10	7.78	6.12	0.14	20.70	8.11	6.44	0.12
18.15	7.79	6.13	0.14	20.75	8.11	6.44	0.12

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	6.45	0.12	23.40	8.38	6.70	0.09
20.85	8.13	6.45	0.12	23.45	8.39	6.71	0.09
20.90	8.13	6.46	0.11	23.50	8.39	6.71	0.09
20.95	8.14	6.46	0.11	23.55	8.40	6.72	0.09
21.00	8.14	6.47	0.11	23.60	8.40	6.72	0.09
21.05	8.15	6.47	0.11	23.65	8.41	6.73	0.09
21.10	8.15	6.48	0.11	23.70	8.41	6.73	0.09
21.15	8.16	6.49	0.11	23.75	8.42	6.74	0.09
21.20	8.16	6.49	0.11	23.80	8.42	6.74	0.09
21.25	8.17	6.50	0.11	23.85	8.42	6.74	0.09
21.30	8.18	6.50	0.11	23.90	8.43	6.75	0.09
21.35	8.18	6.51	0.11	23.95	8.43	6.75	0.09
21.40	8.19	6.51	0.11	24.00	8.44	6.76	0.09
21.45	8.19	6.52	0.11	24.05	8.44	6.76	0.10
21.50	8.20	6.52	0.11	24.10	8.44	6.76	0.08
21.55	8.20	6.53	0.11	24.15	8.44	6.76	0.05
21.60	8.21	6.53	0.11	24.20	8.44	6.76	0.02
21.65	8.21	6.54	0.11	24.25	8.44	6.76	0.01
21.70	8.22	6.54	0.11	24.30	8.44	6.76	0.01
21.75	8.22	6.55	0.11	24.35	8.44	6.76	0.00
21.80	8.23	6.55	0.11	24.40	8.44	6.76	0.00
21.85	8.23	6.56	0.11	24.45	8.44	6.76	0.00
21.90	8.24	6.56	0.11	24.50	8.44	6.76	0.00
21.95	8.24	6.57	0.11	24.55	8.44	6.76	0.00
22.00	8.25	6.57	0.11	24.60	8.44	6.76	0.00
22.05	8.25	6.58	0.11	24.65	8.44	6.76	0.00
22.10	8.26	6.58	0.10	24.70	8.44	6.76	0.00
22.15	8.26	6.59	0.10	24.75	8.44	6.76	0.00
22.20	8.27	6.59	0.10	24.80	8.44	6.76	0.00
22.25	8.27	6.60	0.10	24.85	8.44	6.76	0.00
22.30	8.28	6.60	0.10	24.90	8.44	6.76	0.00
22.35	8.28	6.61	0.10	24.95	8.44	6.76	0.00
22.40	8.29	6.61	0.10	25.00	8.44	6.76	0.00
22.45	8.29	6.62	0.10	25.05	8.44	6.76	0.00
22.50	8.30	6.62	0.10	25.10	8.44	6.76	0.00
22.55	8.30	6.63	0.10	25.15	8.44	6.76	0.00
22.60	8.31	6.63	0.10	25.20	8.44	6.76	0.00
22.65	8.31	6.64	0.10	25.25	8.44	6.76	0.00
22.70	8.32	6.64	0.10	25.30	8.44	6.76	0.00
22.75	8.32	6.65	0.10	25.35	8.44	6.76	0.00
22.80	8.33	6.65	0.10	25.40	8.44	6.76	0.00
22.85	8.33	6.65	0.10	25.45	8.44	6.76	0.00
22.90	8.34	6.66	0.10	25.50	8.44	6.76	0.00
22.95	8.34	6.66	0.10	25.55	8.44	6.76	0.00
23.00	8.35	6.67	0.10	25.60	8.44	6.76	0.00
23.05	8.35	6.67	0.10	25.65	8.44	6.76	0.00
23.10	8.36	6.68	0.10	25.70	8.44	6.76	0.00
23.15	8.36	6.68	0.10	25.75	8.44	6.76	0.00
23.20	8.37	6.69	0.10	25.80	8.44	6.76	0.00
23.25	8.37	6.69	0.09	25.85	8.44	6.76	0.00
23.30	8.38	6.70	0.09	25.90	8.44	6.76	0.00
23.35	8.38	6.70	0.09	25.95	8.44	6.76	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	6.76	0.00	28.60	8.44	6.76	0.00
26.05	8.44	6.76	0.00	28.65	8.44	6.76	0.00
26.10	8.44	6.76	0.00	28.70	8.44	6.76	0.00
26.15	8.44	6.76	0.00	28.75	8.44	6.76	0.00
26.20	8.44	6.76	0.00	28.80	8.44	6.76	0.00
26.25	8.44	6.76	0.00	28.85	8.44	6.76	0.00
26.30	8.44	6.76	0.00	28.90	8.44	6.76	0.00
26.35	8.44	6.76	0.00	28.95	8.44	6.76	0.00
26.40	8.44	6.76	0.00	29.00	8.44	6.76	0.00
26.45	8.44	6.76	0.00	29.05	8.44	6.76	0.00
26.50	8.44	6.76	0.00	29.10	8.44	6.76	0.00
26.55	8.44	6.76	0.00	29.15	8.44	6.76	0.00
26.60	8.44	6.76	0.00	29.20	8.44	6.76	0.00
26.65	8.44	6.76	0.00	29.25	8.44	6.76	0.00
26.70	8.44	6.76	0.00	29.30	8.44	6.76	0.00
26.75	8.44	6.76	0.00	29.35	8.44	6.76	0.00
26.80	8.44	6.76	0.00	29.40	8.44	6.76	0.00
26.85	8.44	6.76	0.00	29.45	8.44	6.76	0.00
26.90	8.44	6.76	0.00	29.50	8.44	6.76	0.00
26.95	8.44	6.76	0.00	29.55	8.44	6.76	0.00
27.00	8.44	6.76	0.00	29.60	8.44	6.76	0.00
27.05	8.44	6.76	0.00	29.65	8.44	6.76	0.00
27.10	8.44	6.76	0.00	29.70	8.44	6.76	0.00
27.15	8.44	6.76	0.00	29.75	8.44	6.76	0.00
27.20	8.44	6.76	0.00	29.80	8.44	6.76	0.00
27.25	8.44	6.76	0.00	29.85	8.44	6.76	0.00
27.30	8.44	6.76	0.00	29.90	8.44	6.76	0.00
27.35	8.44	6.76	0.00	29.95	8.44	6.76	0.00
27.40	8.44	6.76	0.00	30.00	8.44	6.76	0.00
27.45	8.44	6.76	0.00	30.05	8.44	6.76	0.00
27.50	8.44	6.76	0.00	30.10	8.44	6.76	0.00
27.55	8.44	6.76	0.00	30.15	8.44	6.76	0.00
27.60	8.44	6.76	0.00	30.20	8.44	6.76	0.00
27.65	8.44	6.76	0.00	30.25	8.44	6.76	0.00
27.70	8.44	6.76	0.00	30.30	8.44	6.76	0.00
27.75	8.44	6.76	0.00	30.35	8.44	6.76	0.00
27.80	8.44	6.76	0.00	30.40	8.44	6.76	0.00
27.85	8.44	6.76	0.00	30.45	8.44	6.76	0.00
27.90	8.44	6.76	0.00	30.50	8.44	6.76	0.00
27.95	8.44	6.76	0.00	30.55	8.44	6.76	0.00
28.00	8.44	6.76	0.00	30.60	8.44	6.76	0.00
28.05	8.44	6.76	0.00	30.65	8.44	6.76	0.00
28.10	8.44	6.76	0.00	30.70	8.44	6.76	0.00
28.15	8.44	6.76	0.00	30.75	8.44	6.76	0.00
28.20	8.44	6.76	0.00	30.80	8.44	6.76	0.00
28.25	8.44	6.76	0.00	30.85	8.44	6.76	0.00
28.30	8.44	6.76	0.00	30.90	8.44	6.76	0.00
28.35	8.44	6.76	0.00	30.95	8.44	6.76	0.00
28.40	8.44	6.76	0.00	31.00	8.44	6.76	0.00
28.45	8.44	6.76	0.00	31.05	8.44	6.76	0.00
28.50	8.44	6.76	0.00	31.10	8.44	6.76	0.00
28.55	8.44	6.76	0.00	31.15	8.44	6.76	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	6.76	0.00	33.80	8.44	6.76	0.00
31.25	8.44	6.76	0.00	33.85	8.44	6.76	0.00
31.30	8.44	6.76	0.00	33.90	8.44	6.76	0.00
31.35	8.44	6.76	0.00	33.95	8.44	6.76	0.00
31.40	8.44	6.76	0.00	34.00	8.44	6.76	0.00
31.45	8.44	6.76	0.00	34.05	8.44	6.76	0.00
31.50	8.44	6.76	0.00	34.10	8.44	6.76	0.00
31.55	8.44	6.76	0.00	34.15	8.44	6.76	0.00
31.60	8.44	6.76	0.00	34.20	8.44	6.76	0.00
31.65	8.44	6.76	0.00	34.25	8.44	6.76	0.00
31.70	8.44	6.76	0.00	34.30	8.44	6.76	0.00
31.75	8.44	6.76	0.00	34.35	8.44	6.76	0.00
31.80	8.44	6.76	0.00	34.40	8.44	6.76	0.00
31.85	8.44	6.76	0.00	34.45	8.44	6.76	0.00
31.90	8.44	6.76	0.00	34.50	8.44	6.76	0.00
31.95	8.44	6.76	0.00	34.55	8.44	6.76	0.00
32.00	8.44	6.76	0.00	34.60	8.44	6.76	0.00
32.05	8.44	6.76	0.00	34.65	8.44	6.76	0.00
32.10	8.44	6.76	0.00	34.70	8.44	6.76	0.00
32.15	8.44	6.76	0.00	34.75	8.44	6.76	0.00
32.20	8.44	6.76	0.00	34.80	8.44	6.76	0.00
32.25	8.44	6.76	0.00	34.85	8.44	6.76	0.00
32.30	8.44	6.76	0.00	34.90	8.44	6.76	0.00
32.35	8.44	6.76	0.00	34.95	8.44	6.76	0.00
32.40	8.44	6.76	0.00	35.00	8.44	6.76	0.00
32.45	8.44	6.76	0.00	35.05	8.44	6.76	0.00
32.50	8.44	6.76	0.00	35.10	8.44	6.76	0.00
32.55	8.44	6.76	0.00	35.15	8.44	6.76	0.00
32.60	8.44	6.76	0.00	35.20	8.44	6.76	0.00
32.65	8.44	6.76	0.00	35.25	8.44	6.76	0.00
32.70	8.44	6.76	0.00	35.30	8.44	6.76	0.00
32.75	8.44	6.76	0.00	35.35	8.44	6.76	0.00
32.80	8.44	6.76	0.00	35.40	8.44	6.76	0.00
32.85	8.44	6.76	0.00	35.45	8.44	6.76	0.00
32.90	8.44	6.76	0.00	35.50	8.44	6.76	0.00
32.95	8.44	6.76	0.00	35.55	8.44	6.76	0.00
33.00	8.44	6.76	0.00	35.60	8.44	6.76	0.00
33.05	8.44	6.76	0.00	35.65	8.44	6.76	0.00
33.10	8.44	6.76	0.00	35.70	8.44	6.76	0.00
33.15	8.44	6.76	0.00	35.75	8.44	6.76	0.00
33.20	8.44	6.76	0.00	35.80	8.44	6.76	0.00
33.25	8.44	6.76	0.00	35.85	8.44	6.76	0.00
33.30	8.44	6.76	0.00	35.90	8.44	6.76	0.00
33.35	8.44	6.76	0.00	35.95	8.44	6.76	0.00
33.40	8.44	6.76	0.00	36.00	8.44	6.76	0.00
33.45	8.44	6.76	0.00	36.05	8.44	6.76	0.00
33.50	8.44	6.76	0.00	36.10	8.44	6.76	0.00
33.55	8.44	6.76	0.00	36.15	8.44	6.76	0.00
33.60	8.44	6.76	0.00	36.20	8.44	6.76	0.00
33.65	8.44	6.76	0.00	36.25	8.44	6.76	0.00
33.70	8.44	6.76	0.00	36.30	8.44	6.76	0.00
33.75	8.44	6.76	0.00	36.35	8.44	6.76	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	6.76	0.00	39.00	8.44	6.76	0.00
36.45	8.44	6.76	0.00	39.05	8.44	6.76	0.00
36.50	8.44	6.76	0.00	39.10	8.44	6.76	0.00
36.55	8.44	6.76	0.00	39.15	8.44	6.76	0.00
36.60	8.44	6.76	0.00	39.20	8.44	6.76	0.00
36.65	8.44	6.76	0.00	39.25	8.44	6.76	0.00
36.70	8.44	6.76	0.00	39.30	8.44	6.76	0.00
36.75	8.44	6.76	0.00	39.35	8.44	6.76	0.00
36.80	8.44	6.76	0.00	39.40	8.44	6.76	0.00
36.85	8.44	6.76	0.00	39.45	8.44	6.76	0.00
36.90	8.44	6.76	0.00	39.50	8.44	6.76	0.00
36.95	8.44	6.76	0.00	39.55	8.44	6.76	0.00
37.00	8.44	6.76	0.00	39.60	8.44	6.76	0.00
37.05	8.44	6.76	0.00	39.65	8.44	6.76	0.00
37.10	8.44	6.76	0.00	39.70	8.44	6.76	0.00
37.15	8.44	6.76	0.00	39.75	8.44	6.76	0.00
37.20	8.44	6.76	0.00	39.80	8.44	6.76	0.00
37.25	8.44	6.76	0.00	39.85	8.44	6.76	0.00
37.30	8.44	6.76	0.00	39.90	8.44	6.76	0.00
37.35	8.44	6.76	0.00	39.95	8.44	6.76	0.00
37.40	8.44	6.76	0.00	40.00	8.44	6.76	0.00
37.45	8.44	6.76	0.00				
37.50	8.44	6.76	0.00				
37.55	8.44	6.76	0.00				
37.60	8.44	6.76	0.00				
37.65	8.44	6.76	0.00				
37.70	8.44	6.76	0.00				
37.75	8.44	6.76	0.00				
37.80	8.44	6.76	0.00				
37.85	8.44	6.76	0.00				
37.90	8.44	6.76	0.00				
37.95	8.44	6.76	0.00				
38.00	8.44	6.76	0.00				
38.05	8.44	6.76	0.00				
38.10	8.44	6.76	0.00				
38.15	8.44	6.76	0.00				
38.20	8.44	6.76	0.00				
38.25	8.44	6.76	0.00				
38.30	8.44	6.76	0.00				
38.35	8.44	6.76	0.00				
38.40	8.44	6.76	0.00				
38.45	8.44	6.76	0.00				
38.50	8.44	6.76	0.00				
38.55	8.44	6.76	0.00				
38.60	8.44	6.76	0.00				
38.65	8.44	6.76	0.00				
38.70	8.44	6.76	0.00				
38.75	8.44	6.76	0.00				
38.80	8.44	6.76	0.00				
38.85	8.44	6.76	0.00				
38.90	8.44	6.76	0.00				
38.95	8.44	6.76	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 6.27 cfs @ 12.17 hrs, Volume= 0.556 af, Depth= 8.20"
 Routed to Pond B-28 : Basin #28

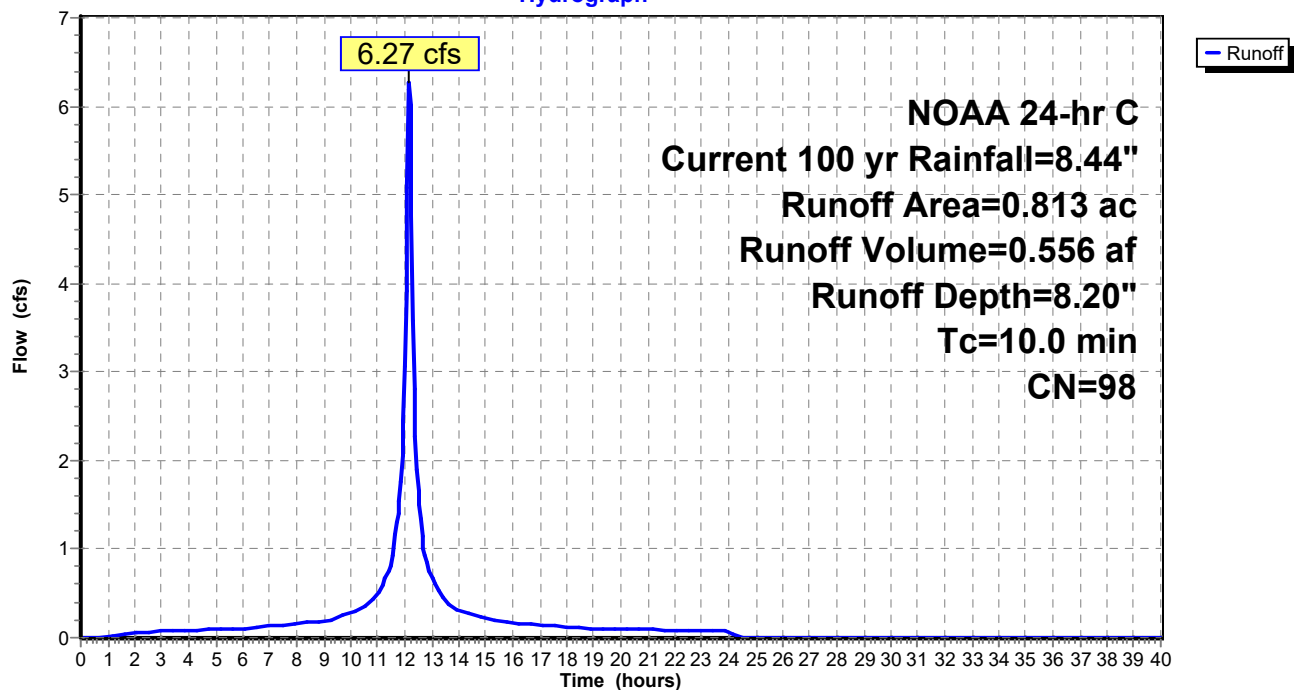
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.09
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.09
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.09
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.15
5.25	0.57	0.38	0.10	7.85	0.98	0.77	0.15
5.30	0.58	0.39	0.10	7.90	0.99	0.78	0.16
5.35	0.58	0.39	0.10	7.95	1.00	0.79	0.16
5.40	0.59	0.40	0.10	8.00	1.01	0.80	0.16
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.16
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.16
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.16
5.60	0.62	0.42	0.10	8.20	1.05	0.84	0.16
5.65	0.62	0.43	0.10	8.25	1.06	0.85	0.17
5.70	0.63	0.44	0.10	8.30	1.07	0.86	0.17
5.75	0.64	0.44	0.10	8.35	1.08	0.87	0.17
5.80	0.64	0.45	0.10	8.40	1.10	0.88	0.17
5.85	0.65	0.45	0.10	8.45	1.11	0.89	0.17
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.17
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.17
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.18
6.05	0.68	0.48	0.10	8.65	1.15	0.94	0.18
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.18
6.15	0.69	0.49	0.11	8.75	1.17	0.96	0.18
6.20	0.70	0.50	0.11	8.80	1.19	0.97	0.18
6.25	0.70	0.51	0.11	8.85	1.20	0.98	0.18
6.30	0.71	0.51	0.11	8.90	1.21	0.99	0.18
6.35	0.72	0.52	0.11	8.95	1.22	1.01	0.19
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.19
6.45	0.73	0.54	0.11	9.05	1.25	1.03	0.19
6.50	0.74	0.54	0.12	9.10	1.26	1.04	0.19
6.55	0.75	0.55	0.12	9.15	1.27	1.05	0.20
6.60	0.76	0.56	0.12	9.20	1.28	1.07	0.20
6.65	0.77	0.57	0.12	9.25	1.30	1.08	0.20
6.70	0.77	0.57	0.12	9.30	1.31	1.09	0.21
6.75	0.78	0.58	0.12	9.35	1.33	1.11	0.22
6.80	0.79	0.59	0.12	9.40	1.34	1.12	0.22
6.85	0.80	0.60	0.13	9.45	1.35	1.14	0.23
6.90	0.81	0.60	0.13	9.50	1.37	1.15	0.23
6.95	0.81	0.61	0.13	9.55	1.39	1.17	0.24
7.00	0.82	0.62	0.13	9.60	1.40	1.18	0.24
7.05	0.83	0.63	0.13	9.65	1.42	1.20	0.25
7.10	0.84	0.64	0.13	9.70	1.43	1.21	0.25
7.15	0.85	0.65	0.13	9.75	1.45	1.23	0.26
7.20	0.86	0.65	0.14	9.80	1.47	1.25	0.26
7.25	0.87	0.66	0.14	9.85	1.49	1.27	0.27
7.30	0.88	0.67	0.14	9.90	1.50	1.28	0.27
7.35	0.89	0.68	0.14	9.95	1.52	1.30	0.28
7.40	0.89	0.69	0.14	10.00	1.54	1.32	0.28
7.45	0.90	0.70	0.14	10.05	1.56	1.34	0.29
7.50	0.91	0.71	0.14	10.10	1.58	1.36	0.29
7.55	0.92	0.72	0.15	10.15	1.60	1.37	0.30
7.60	0.93	0.73	0.15	10.20	1.62	1.39	0.30
7.65	0.94	0.73	0.15	10.25	1.64	1.41	0.31
7.70	0.95	0.74	0.15	10.30	1.66	1.43	0.31
7.75	0.96	0.75	0.15	10.35	1.68	1.45	0.32

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.32	13.00	6.41	6.18	0.70
10.45	1.72	1.50	0.33	13.05	6.45	6.21	0.66
10.50	1.74	1.52	0.33	13.10	6.48	6.24	0.63
10.55	1.76	1.54	0.34	13.15	6.51	6.27	0.59
10.60	1.79	1.56	0.35	13.20	6.54	6.30	0.56
10.65	1.81	1.59	0.37	13.25	6.57	6.33	0.53
10.70	1.84	1.62	0.39	13.30	6.60	6.36	0.51
10.75	1.87	1.64	0.40	13.35	6.63	6.39	0.49
10.80	1.90	1.67	0.42	13.40	6.65	6.41	0.47
10.85	1.93	1.70	0.44	13.45	6.68	6.44	0.45
10.90	1.96	1.73	0.46	13.50	6.70	6.46	0.43
10.95	1.99	1.77	0.48	13.55	6.72	6.48	0.41
11.00	2.03	1.80	0.50	13.60	6.74	6.50	0.39
11.05	2.06	1.84	0.52	13.65	6.76	6.53	0.37
11.10	2.10	1.87	0.55	13.70	6.78	6.55	0.36
11.15	2.14	1.92	0.58	13.75	6.80	6.57	0.35
11.20	2.19	1.96	0.62	13.80	6.82	6.59	0.34
11.25	2.23	2.01	0.65	13.85	6.84	6.61	0.33
11.30	2.28	2.05	0.69	13.90	6.86	6.62	0.33
11.35	2.33	2.10	0.73	13.95	6.88	6.64	0.32
11.40	2.38	2.16	0.76	14.00	6.90	6.66	0.32
11.45	2.44	2.21	0.80	14.05	6.92	6.68	0.31
11.50	2.49	2.26	0.83	14.10	6.94	6.70	0.31
11.55	2.58	2.35	0.88	14.15	6.95	6.72	0.30
11.60	2.66	2.43	1.00	14.20	6.97	6.73	0.30
11.65	2.75	2.52	1.16	14.25	6.99	6.75	0.29
11.70	2.84	2.61	1.30	14.30	7.01	6.77	0.29
11.75	2.97	2.74	1.40	14.35	7.02	6.78	0.28
11.80	3.09	2.86	1.55	14.40	7.04	6.80	0.28
11.85	3.26	3.03	1.77	14.45	7.05	6.82	0.27
11.90	3.43	3.20	2.06	14.50	7.07	6.83	0.27
11.95	3.73	3.49	2.45	14.55	7.09	6.85	0.26
12.00	4.02	3.79	3.07	14.60	7.10	6.86	0.26
12.05	4.52	4.28	3.92	14.65	7.11	6.88	0.25
12.10	5.01	4.77	5.09	14.70	7.13	6.89	0.25
12.15	5.18	4.94	6.19	14.75	7.14	6.90	0.24
12.20	5.35	5.11	6.01	14.80	7.16	6.92	0.24
12.25	5.47	5.24	4.76	14.85	7.17	6.93	0.23
12.30	5.60	5.36	3.59	14.90	7.18	6.94	0.23
12.35	5.69	5.45	2.81	14.95	7.19	6.96	0.22
12.40	5.78	5.54	2.28	15.00	7.21	6.97	0.21
12.45	5.86	5.62	1.90	15.05	7.22	6.98	0.21
12.50	5.95	5.71	1.66	15.10	7.23	6.99	0.20
12.55	6.00	5.76	1.51	15.15	7.24	7.00	0.20
12.60	6.06	5.82	1.34	15.20	7.25	7.02	0.20
12.65	6.11	5.87	1.15	15.25	7.27	7.03	0.19
12.70	6.16	5.92	1.01	15.30	7.28	7.04	0.19
12.75	6.21	5.97	0.92	15.35	7.29	7.05	0.19
12.80	6.25	6.02	0.87	15.40	7.30	7.06	0.19
12.85	6.30	6.06	0.82	15.45	7.31	7.07	0.19
12.90	6.34	6.10	0.78	15.50	7.32	7.08	0.19
12.95	6.38	6.14	0.74	15.55	7.33	7.09	0.18

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.18	18.20	7.80	7.56	0.11
15.65	7.36	7.12	0.18	18.25	7.80	7.57	0.11
15.70	7.37	7.13	0.18	18.30	7.81	7.57	0.11
15.75	7.38	7.14	0.18	18.35	7.82	7.58	0.11
15.80	7.39	7.15	0.18	18.40	7.82	7.59	0.11
15.85	7.40	7.16	0.18	18.45	7.83	7.59	0.11
15.90	7.41	7.17	0.17	18.50	7.84	7.60	0.11
15.95	7.42	7.18	0.17	18.55	7.84	7.61	0.11
16.00	7.43	7.19	0.17	18.60	7.85	7.61	0.11
16.05	7.44	7.20	0.17	18.65	7.86	7.62	0.11
16.10	7.45	7.21	0.17	18.70	7.86	7.62	0.11
16.15	7.46	7.22	0.17	18.75	7.87	7.63	0.11
16.20	7.47	7.23	0.17	18.80	7.88	7.64	0.11
16.25	7.48	7.24	0.17	18.85	7.88	7.64	0.11
16.30	7.49	7.25	0.16	18.90	7.89	7.65	0.11
16.35	7.50	7.26	0.16	18.95	7.90	7.66	0.11
16.40	7.51	7.27	0.16	19.00	7.90	7.66	0.11
16.45	7.52	7.28	0.16	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.16	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.16	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.16	19.20	7.93	7.69	0.10
16.65	7.55	7.32	0.15	19.25	7.93	7.70	0.10
16.70	7.56	7.32	0.15	19.30	7.94	7.70	0.10
16.75	7.57	7.33	0.15	19.35	7.95	7.71	0.10
16.80	7.58	7.34	0.15	19.40	7.95	7.71	0.10
16.85	7.59	7.35	0.15	19.45	7.96	7.72	0.10
16.90	7.60	7.36	0.15	19.50	7.97	7.73	0.10
16.95	7.61	7.37	0.15	19.55	7.97	7.73	0.10
17.00	7.62	7.38	0.14	19.60	7.98	7.74	0.10
17.05	7.63	7.39	0.14	19.65	7.98	7.74	0.10
17.10	7.63	7.39	0.14	19.70	7.99	7.75	0.10
17.15	7.64	7.40	0.14	19.75	8.00	7.76	0.10
17.20	7.65	7.41	0.14	19.80	8.00	7.76	0.10
17.25	7.66	7.42	0.14	19.85	8.01	7.77	0.10
17.30	7.67	7.43	0.14	19.90	8.01	7.78	0.10
17.35	7.67	7.43	0.13	19.95	8.02	7.78	0.10
17.40	7.68	7.44	0.13	20.00	8.03	7.79	0.10
17.45	7.69	7.45	0.13	20.05	8.03	7.79	0.10
17.50	7.70	7.46	0.13	20.10	8.04	7.80	0.10
17.55	7.71	7.47	0.13	20.15	8.04	7.80	0.10
17.60	7.71	7.47	0.13	20.20	8.05	7.81	0.10
17.65	7.72	7.48	0.13	20.25	8.06	7.82	0.10
17.70	7.73	7.49	0.13	20.30	8.06	7.82	0.10
17.75	7.74	7.50	0.12	20.35	8.07	7.83	0.10
17.80	7.74	7.50	0.12	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.12	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.12	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.12	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.12	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.12	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.11	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.11	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.09	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.09	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.09	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.09	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.09	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.09	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.09	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.09	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.09	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.09	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.09	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.09	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.09	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.09	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.08	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.08	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.08	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.08	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.08	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.08	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.08	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 8.87 cfs @ 12.17 hrs, Volume= 0.674 af, Depth= 5.32"
 Routed to Pond B-28 : Basin #28

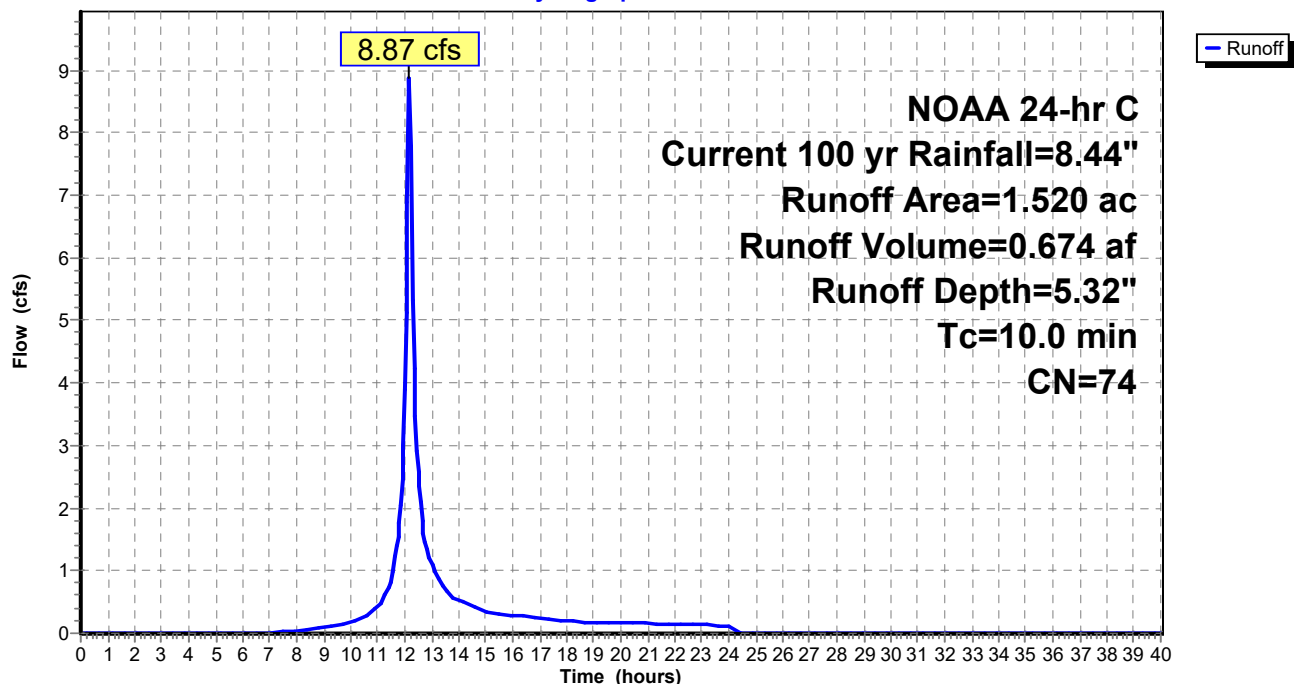
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.10
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.11
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.12
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.12
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.13
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.13
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.14
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.14
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.15
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.15
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.16
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.17
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.17
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.18
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.18
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.19
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.20
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.20
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.21
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.22
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.22

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.23	13.00	6.41	3.54	1.11
10.45	1.72	0.23	0.24	13.05	6.45	3.57	1.06
10.50	1.74	0.24	0.24	13.10	6.48	3.59	1.00
10.55	1.76	0.25	0.25	13.15	6.51	3.62	0.94
10.60	1.79	0.26	0.27	13.20	6.54	3.65	0.90
10.65	1.81	0.27	0.28	13.25	6.57	3.67	0.86
10.70	1.84	0.28	0.30	13.30	6.60	3.70	0.82
10.75	1.87	0.29	0.32	13.35	6.63	3.72	0.79
10.80	1.90	0.30	0.34	13.40	6.65	3.74	0.76
10.85	1.93	0.32	0.36	13.45	6.68	3.76	0.73
10.90	1.96	0.33	0.38	13.50	6.70	3.78	0.69
10.95	1.99	0.35	0.40	13.55	6.72	3.80	0.66
11.00	2.03	0.36	0.43	13.60	6.74	3.82	0.63
11.05	2.06	0.38	0.45	13.65	6.76	3.84	0.60
11.10	2.10	0.40	0.48	13.70	6.78	3.85	0.58
11.15	2.14	0.42	0.52	13.75	6.80	3.87	0.56
11.20	2.19	0.44	0.56	13.80	6.82	3.89	0.55
11.25	2.23	0.46	0.60	13.85	6.84	3.91	0.54
11.30	2.28	0.49	0.65	13.90	6.86	3.92	0.53
11.35	2.33	0.52	0.69	13.95	6.88	3.94	0.53
11.40	2.38	0.54	0.74	14.00	6.90	3.96	0.52
11.45	2.44	0.57	0.79	14.05	6.92	3.97	0.51
11.50	2.49	0.60	0.84	14.10	6.94	3.99	0.50
11.55	2.58	0.65	0.90	14.15	6.95	4.00	0.49
11.60	2.66	0.70	1.04	14.20	6.97	4.02	0.48
11.65	2.75	0.76	1.24	14.25	6.99	4.03	0.48
11.70	2.84	0.81	1.41	14.30	7.01	4.05	0.47
11.75	2.97	0.89	1.55	14.35	7.02	4.06	0.46
11.80	3.09	0.97	1.76	14.40	7.04	4.08	0.45
11.85	3.26	1.08	2.05	14.45	7.05	4.09	0.44
11.90	3.43	1.19	2.46	14.50	7.07	4.10	0.44
11.95	3.73	1.40	3.00	14.55	7.09	4.12	0.43
12.00	4.02	1.61	3.88	14.60	7.10	4.13	0.42
12.05	4.52	1.98	5.11	14.65	7.11	4.14	0.41
12.10	5.01	2.37	6.89	14.70	7.13	4.15	0.40
12.15	5.18	2.51	8.67	14.75	7.14	4.17	0.39
12.20	5.35	2.65	8.62	14.80	7.16	4.18	0.39
12.25	5.47	2.75	6.95	14.85	7.17	4.19	0.38
12.30	5.60	2.85	5.31	14.90	7.18	4.20	0.37
12.35	5.69	2.92	4.22	14.95	7.19	4.21	0.36
12.40	5.78	3.00	3.46	15.00	7.21	4.22	0.35
12.45	5.86	3.07	2.91	15.05	7.22	4.23	0.34
12.50	5.95	3.14	2.57	15.10	7.23	4.24	0.34
12.55	6.00	3.19	2.35	15.15	7.24	4.25	0.33
12.60	6.06	3.23	2.09	15.20	7.25	4.26	0.32
12.65	6.11	3.28	1.80	15.25	7.27	4.27	0.32
12.70	6.16	3.32	1.58	15.30	7.28	4.28	0.31
12.75	6.21	3.36	1.46	15.35	7.29	4.29	0.31
12.80	6.25	3.40	1.37	15.40	7.30	4.30	0.31
12.85	6.30	3.44	1.30	15.45	7.31	4.31	0.31
12.90	6.34	3.47	1.23	15.50	7.32	4.32	0.31
12.95	6.38	3.50	1.17	15.55	7.33	4.33	0.30

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.30	18.20	7.80	4.75	0.19
15.65	7.36	4.35	0.30	18.25	7.80	4.75	0.19
15.70	7.37	4.36	0.30	18.30	7.81	4.76	0.18
15.75	7.38	4.37	0.29	18.35	7.82	4.76	0.18
15.80	7.39	4.38	0.29	18.40	7.82	4.77	0.18
15.85	7.40	4.39	0.29	18.45	7.83	4.78	0.18
15.90	7.41	4.40	0.29	18.50	7.84	4.78	0.18
15.95	7.42	4.41	0.29	18.55	7.84	4.79	0.18
16.00	7.43	4.42	0.28	18.60	7.85	4.79	0.18
16.05	7.44	4.43	0.28	18.65	7.86	4.80	0.18
16.10	7.45	4.44	0.28	18.70	7.86	4.80	0.18
16.15	7.46	4.44	0.28	18.75	7.87	4.81	0.18
16.20	7.47	4.45	0.28	18.80	7.88	4.82	0.18
16.25	7.48	4.46	0.27	18.85	7.88	4.82	0.18
16.30	7.49	4.47	0.27	18.90	7.89	4.83	0.18
16.35	7.50	4.48	0.27	18.95	7.90	4.83	0.18
16.40	7.51	4.49	0.27	19.00	7.90	4.84	0.18
16.45	7.52	4.50	0.26	19.05	7.91	4.84	0.18
16.50	7.53	4.50	0.26	19.10	7.92	4.85	0.18
16.55	7.54	4.51	0.26	19.15	7.92	4.86	0.17
16.60	7.55	4.52	0.26	19.20	7.93	4.86	0.17
16.65	7.55	4.53	0.25	19.25	7.93	4.87	0.17
16.70	7.56	4.54	0.25	19.30	7.94	4.87	0.17
16.75	7.57	4.55	0.25	19.35	7.95	4.88	0.17
16.80	7.58	4.55	0.25	19.40	7.95	4.88	0.17
16.85	7.59	4.56	0.25	19.45	7.96	4.89	0.17
16.90	7.60	4.57	0.24	19.50	7.97	4.90	0.17
16.95	7.61	4.58	0.24	19.55	7.97	4.90	0.17
17.00	7.62	4.58	0.24	19.60	7.98	4.91	0.17
17.05	7.63	4.59	0.24	19.65	7.98	4.91	0.17
17.10	7.63	4.60	0.24	19.70	7.99	4.92	0.17
17.15	7.64	4.61	0.23	19.75	8.00	4.92	0.17
17.20	7.65	4.61	0.23	19.80	8.00	4.93	0.17
17.25	7.66	4.62	0.23	19.85	8.01	4.93	0.17
17.30	7.67	4.63	0.23	19.90	8.01	4.94	0.17
17.35	7.67	4.64	0.22	19.95	8.02	4.94	0.17
17.40	7.68	4.64	0.22	20.00	8.03	4.95	0.17
17.45	7.69	4.65	0.22	20.05	8.03	4.96	0.17
17.50	7.70	4.66	0.22	20.10	8.04	4.96	0.16
17.55	7.71	4.66	0.21	20.15	8.04	4.97	0.16
17.60	7.71	4.67	0.21	20.20	8.05	4.97	0.16
17.65	7.72	4.68	0.21	20.25	8.06	4.98	0.16
17.70	7.73	4.68	0.21	20.30	8.06	4.98	0.16
17.75	7.74	4.69	0.21	20.35	8.07	4.99	0.16
17.80	7.74	4.70	0.20	20.40	8.07	4.99	0.16
17.85	7.75	4.70	0.20	20.45	8.08	5.00	0.16
17.90	7.76	4.71	0.20	20.50	8.09	5.00	0.16
17.95	7.76	4.72	0.20	20.55	8.09	5.01	0.16
18.00	7.77	4.72	0.19	20.60	8.10	5.01	0.16
18.05	7.78	4.73	0.19	20.65	8.10	5.02	0.16
18.10	7.78	4.73	0.19	20.70	8.11	5.02	0.16
18.15	7.79	4.74	0.19	20.75	8.11	5.03	0.16

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.16	23.40	8.38	5.27	0.13
20.85	8.13	5.04	0.16	23.45	8.39	5.28	0.13
20.90	8.13	5.04	0.16	23.50	8.39	5.28	0.13
20.95	8.14	5.05	0.15	23.55	8.40	5.28	0.13
21.00	8.14	5.05	0.15	23.60	8.40	5.29	0.13
21.05	8.15	5.06	0.15	23.65	8.41	5.29	0.12
21.10	8.15	5.06	0.15	23.70	8.41	5.30	0.12
21.15	8.16	5.07	0.15	23.75	8.42	5.30	0.12
21.20	8.16	5.07	0.15	23.80	8.42	5.30	0.12
21.25	8.17	5.08	0.15	23.85	8.42	5.31	0.12
21.30	8.18	5.08	0.15	23.90	8.43	5.31	0.12
21.35	8.18	5.09	0.15	23.95	8.43	5.32	0.12
21.40	8.19	5.09	0.15	24.00	8.44	5.32	0.13
21.45	8.19	5.10	0.15	24.05	8.44	5.32	0.13
21.50	8.20	5.10	0.15	24.10	8.44	5.32	0.11
21.55	8.20	5.11	0.15	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.15	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.15	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.15	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.15	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.15	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.15	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.14	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.14	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.14	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.14	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.14	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.14	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.14	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.14	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.14	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.14	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.14	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.14	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.14	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.14	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.14	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.14	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.14	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.13	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.13	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.13	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.13	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.13	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.13	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.13	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.13	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.13	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.13	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.13	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.13	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.13	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 54.90 cfs @ 12.17 hrs, Volume= 4.170 af, Depth= 5.32"

Routed to Link PDA-2 : Proposed Drainage Area #2

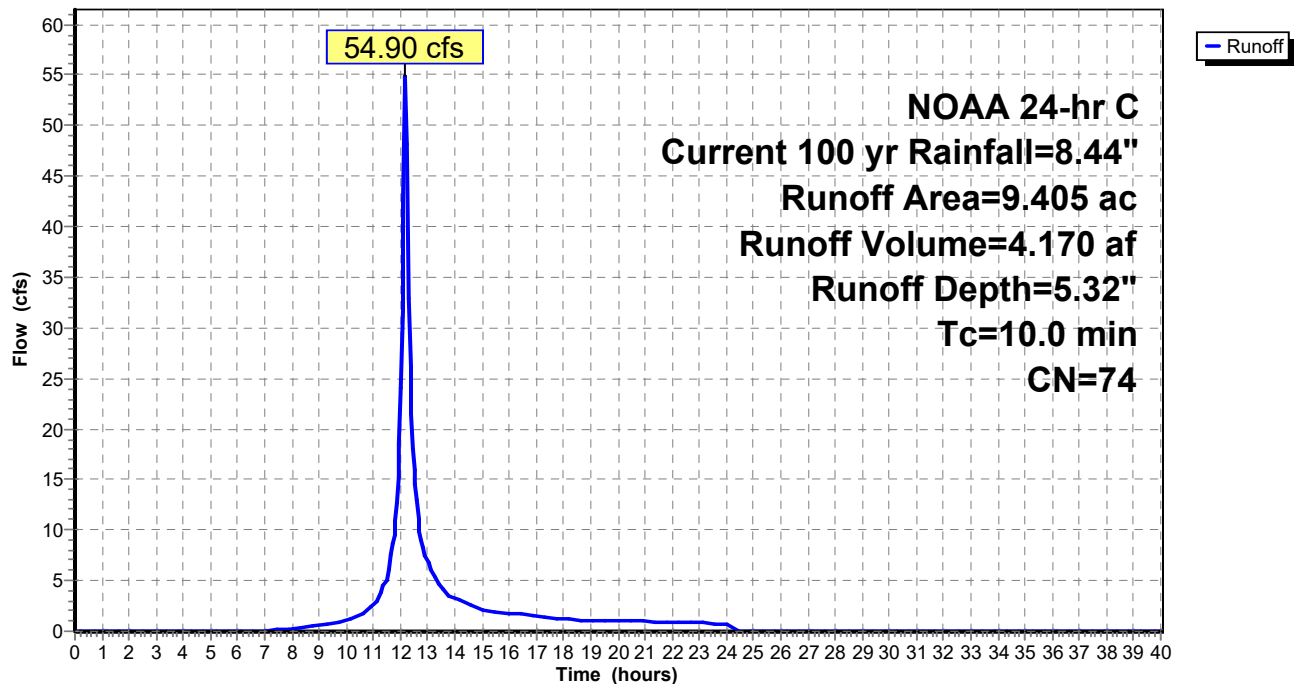
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.22
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.23
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.25
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.26
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.27
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.28
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.29
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.30
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.31
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.32
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.33
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.35
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.36
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.37
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.38
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.39
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.41
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.42
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.43
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.45
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.46
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.47
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.48
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.50
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.51
6.45	0.73	0.00	0.01	9.05	1.25	0.07	0.53
6.50	0.74	0.00	0.01	9.10	1.26	0.08	0.54
6.55	0.75	0.00	0.02	9.15	1.27	0.08	0.57
6.60	0.76	0.00	0.03	9.20	1.28	0.08	0.59
6.65	0.77	0.00	0.03	9.25	1.30	0.09	0.61
6.70	0.77	0.00	0.04	9.30	1.31	0.09	0.64
6.75	0.78	0.00	0.05	9.35	1.33	0.09	0.67
6.80	0.79	0.00	0.05	9.40	1.34	0.10	0.70
6.85	0.80	0.00	0.06	9.45	1.35	0.10	0.73
6.90	0.81	0.00	0.07	9.50	1.37	0.11	0.76
6.95	0.81	0.00	0.07	9.55	1.39	0.11	0.79
7.00	0.82	0.00	0.08	9.60	1.40	0.12	0.82
7.05	0.83	0.00	0.09	9.65	1.42	0.12	0.85
7.10	0.84	0.01	0.10	9.70	1.43	0.13	0.88
7.15	0.85	0.01	0.11	9.75	1.45	0.13	0.92
7.20	0.86	0.01	0.11	9.80	1.47	0.14	0.95
7.25	0.87	0.01	0.12	9.85	1.49	0.14	0.99
7.30	0.88	0.01	0.13	9.90	1.50	0.15	1.02
7.35	0.89	0.01	0.14	9.95	1.52	0.15	1.06
7.40	0.89	0.01	0.15	10.00	1.54	0.16	1.10
7.45	0.90	0.01	0.16	10.05	1.56	0.17	1.14
7.50	0.91	0.01	0.17	10.10	1.58	0.17	1.17
7.55	0.92	0.01	0.18	10.15	1.60	0.18	1.21
7.60	0.93	0.01	0.19	10.20	1.62	0.19	1.26
7.65	0.94	0.02	0.19	10.25	1.64	0.20	1.30
7.70	0.95	0.02	0.20	10.30	1.66	0.20	1.34
7.75	0.96	0.02	0.21	10.35	1.68	0.21	1.38

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	1.43	13.00	6.41	3.54	6.90
10.45	1.72	0.23	1.47	13.05	6.45	3.57	6.54
10.50	1.74	0.24	1.51	13.10	6.48	3.59	6.18
10.55	1.76	0.25	1.57	13.15	6.51	3.62	5.84
10.60	1.79	0.26	1.64	13.20	6.54	3.65	5.54
10.65	1.81	0.27	1.74	13.25	6.57	3.67	5.30
10.70	1.84	0.28	1.85	13.30	6.60	3.70	5.09
10.75	1.87	0.29	1.97	13.35	6.63	3.72	4.88
10.80	1.90	0.30	2.09	13.40	6.65	3.74	4.68
10.85	1.93	0.32	2.22	13.45	6.68	3.76	4.49
10.90	1.96	0.33	2.36	13.50	6.70	3.78	4.29
10.95	1.99	0.35	2.50	13.55	6.72	3.80	4.10
11.00	2.03	0.36	2.64	13.60	6.74	3.82	3.90
11.05	2.06	0.38	2.79	13.65	6.76	3.84	3.72
11.10	2.10	0.40	2.98	13.70	6.78	3.85	3.58
11.15	2.14	0.42	3.21	13.75	6.80	3.87	3.49
11.20	2.19	0.44	3.46	13.80	6.82	3.89	3.42
11.25	2.23	0.46	3.72	13.85	6.84	3.91	3.36
11.30	2.28	0.49	4.00	13.90	6.86	3.92	3.30
11.35	2.33	0.52	4.28	13.95	6.88	3.94	3.25
11.40	2.38	0.54	4.58	14.00	6.90	3.96	3.20
11.45	2.44	0.57	4.88	14.05	6.92	3.97	3.15
11.50	2.49	0.60	5.18	14.10	6.94	3.99	3.10
11.55	2.58	0.65	5.56	14.15	6.95	4.00	3.05
11.60	2.66	0.70	6.43	14.20	6.97	4.02	3.00
11.65	2.75	0.76	7.66	14.25	6.99	4.03	2.95
11.70	2.84	0.81	8.71	14.30	7.01	4.05	2.90
11.75	2.97	0.89	9.59	14.35	7.02	4.06	2.85
11.80	3.09	0.97	10.89	14.40	7.04	4.08	2.80
11.85	3.26	1.08	12.71	14.45	7.05	4.09	2.74
11.90	3.43	1.19	15.22	14.50	7.07	4.10	2.69
11.95	3.73	1.40	18.59	14.55	7.09	4.12	2.65
12.00	4.02	1.61	24.02	14.60	7.10	4.13	2.59
12.05	4.52	1.98	31.64	14.65	7.11	4.14	2.54
12.10	5.01	2.37	42.64	14.70	7.13	4.15	2.49
12.15	5.18	2.51	53.63	14.75	7.14	4.17	2.44
12.20	5.35	2.65	53.35	14.80	7.16	4.18	2.39
12.25	5.47	2.75	43.00	14.85	7.17	4.19	2.34
12.30	5.60	2.85	32.88	14.90	7.18	4.20	2.29
12.35	5.69	2.92	26.14	14.95	7.19	4.21	2.23
12.40	5.78	3.00	21.42	15.00	7.21	4.22	2.18
12.45	5.86	3.07	18.03	15.05	7.22	4.23	2.13
12.50	5.95	3.14	15.87	15.10	7.23	4.24	2.08
12.55	6.00	3.19	14.51	15.15	7.24	4.25	2.03
12.60	6.06	3.23	12.93	15.20	7.25	4.26	1.99
12.65	6.11	3.28	11.13	15.25	7.27	4.27	1.97
12.70	6.16	3.32	9.80	15.30	7.28	4.28	1.95
12.75	6.21	3.36	9.01	15.35	7.29	4.29	1.93
12.80	6.25	3.40	8.46	15.40	7.30	4.30	1.92
12.85	6.30	3.44	8.03	15.45	7.31	4.31	1.90
12.90	6.34	3.47	7.64	15.50	7.32	4.32	1.89
12.95	6.38	3.50	7.26	15.55	7.33	4.33	1.88

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	1.86	18.20	7.80	4.75	1.15
15.65	7.36	4.35	1.85	18.25	7.80	4.75	1.15
15.70	7.37	4.36	1.84	18.30	7.81	4.76	1.14
15.75	7.38	4.37	1.82	18.35	7.82	4.76	1.14
15.80	7.39	4.38	1.81	18.40	7.82	4.77	1.13
15.85	7.40	4.39	1.79	18.45	7.83	4.78	1.13
15.90	7.41	4.40	1.78	18.50	7.84	4.78	1.13
15.95	7.42	4.41	1.77	18.55	7.84	4.79	1.12
16.00	7.43	4.42	1.75	18.60	7.85	4.79	1.12
16.05	7.44	4.43	1.74	18.65	7.86	4.80	1.12
16.10	7.45	4.44	1.73	18.70	7.86	4.80	1.11
16.15	7.46	4.44	1.71	18.75	7.87	4.81	1.11
16.20	7.47	4.45	1.70	18.80	7.88	4.82	1.11
16.25	7.48	4.46	1.69	18.85	7.88	4.82	1.10
16.30	7.49	4.47	1.67	18.90	7.89	4.83	1.10
16.35	7.50	4.48	1.66	18.95	7.90	4.83	1.10
16.40	7.51	4.49	1.64	19.00	7.90	4.84	1.09
16.45	7.52	4.50	1.63	19.05	7.91	4.84	1.09
16.50	7.53	4.50	1.62	19.10	7.92	4.85	1.09
16.55	7.54	4.51	1.60	19.15	7.92	4.86	1.08
16.60	7.55	4.52	1.59	19.20	7.93	4.86	1.08
16.65	7.55	4.53	1.58	19.25	7.93	4.87	1.08
16.70	7.56	4.54	1.57	19.30	7.94	4.87	1.07
16.75	7.57	4.55	1.55	19.35	7.95	4.88	1.07
16.80	7.58	4.55	1.54	19.40	7.95	4.88	1.07
16.85	7.59	4.56	1.52	19.45	7.96	4.89	1.06
16.90	7.60	4.57	1.51	19.50	7.97	4.90	1.06
16.95	7.61	4.58	1.49	19.55	7.97	4.90	1.06
17.00	7.62	4.58	1.48	19.60	7.98	4.91	1.05
17.05	7.63	4.59	1.47	19.65	7.98	4.91	1.05
17.10	7.63	4.60	1.46	19.70	7.99	4.92	1.04
17.15	7.64	4.61	1.44	19.75	8.00	4.92	1.04
17.20	7.65	4.61	1.43	19.80	8.00	4.93	1.04
17.25	7.66	4.62	1.41	19.85	8.01	4.93	1.04
17.30	7.67	4.63	1.40	19.90	8.01	4.94	1.04
17.35	7.67	4.64	1.38	19.95	8.02	4.94	1.03
17.40	7.68	4.64	1.37	20.00	8.03	4.95	1.03
17.45	7.69	4.65	1.36	20.05	8.03	4.96	1.02
17.50	7.70	4.66	1.34	20.10	8.04	4.96	1.02
17.55	7.71	4.66	1.33	20.15	8.04	4.97	1.01
17.60	7.71	4.67	1.32	20.20	8.05	4.97	1.01
17.65	7.72	4.68	1.30	20.25	8.06	4.98	1.01
17.70	7.73	4.68	1.29	20.30	8.06	4.98	1.00
17.75	7.74	4.69	1.27	20.35	8.07	4.99	1.00
17.80	7.74	4.70	1.26	20.40	8.07	4.99	1.00
17.85	7.75	4.70	1.25	20.45	8.08	5.00	0.99
17.90	7.76	4.71	1.23	20.50	8.09	5.00	0.99
17.95	7.76	4.72	1.22	20.55	8.09	5.01	0.99
18.00	7.77	4.72	1.20	20.60	8.10	5.01	0.98
18.05	7.78	4.73	1.19	20.65	8.10	5.02	0.98
18.10	7.78	4.73	1.18	20.70	8.11	5.02	0.98
18.15	7.79	4.74	1.16	20.75	8.11	5.03	0.97

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.97	23.40	8.38	5.27	0.79
20.85	8.13	5.04	0.97	23.45	8.39	5.28	0.79
20.90	8.13	5.04	0.96	23.50	8.39	5.28	0.78
20.95	8.14	5.05	0.96	23.55	8.40	5.28	0.78
21.00	8.14	5.05	0.95	23.60	8.40	5.29	0.77
21.05	8.15	5.06	0.95	23.65	8.41	5.29	0.77
21.10	8.15	5.06	0.95	23.70	8.41	5.30	0.77
21.15	8.16	5.07	0.94	23.75	8.42	5.30	0.77
21.20	8.16	5.07	0.94	23.80	8.42	5.30	0.76
21.25	8.17	5.08	0.94	23.85	8.42	5.31	0.76
21.30	8.18	5.08	0.94	23.90	8.43	5.31	0.75
21.35	8.18	5.09	0.93	23.95	8.43	5.32	0.76
21.40	8.19	5.09	0.93	24.00	8.44	5.32	0.79
21.45	8.19	5.10	0.93	24.05	8.44	5.32	0.82
21.50	8.20	5.10	0.92	24.10	8.44	5.32	0.67
21.55	8.20	5.11	0.92	24.15	8.44	5.32	0.40
21.60	8.21	5.11	0.91	24.20	8.44	5.32	0.19
21.65	8.21	5.12	0.91	24.25	8.44	5.32	0.09
21.70	8.22	5.12	0.91	24.30	8.44	5.32	0.04
21.75	8.22	5.13	0.90	24.35	8.44	5.32	0.02
21.80	8.23	5.13	0.90	24.40	8.44	5.32	0.01
21.85	8.23	5.14	0.90	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.90	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.89	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.89	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.88	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.88	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.88	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.87	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.87	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.87	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.86	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.86	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.85	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.85	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.85	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.84	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.84	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.84	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.83	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.83	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.83	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.82	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.82	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.82	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.82	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.81	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.81	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.80	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.80	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.79	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.79	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 6.24" for Current 100 yr event
 Inflow = 9.07 cfs @ 12.17 hrs, Volume= 0.733 af
 Outflow = 8.13 cfs @ 12.22 hrs, Volume= 0.687 af, Atten= 10%, Lag= 3.1 min
 Primary = 8.13 cfs @ 12.22 hrs, Volume= 0.687 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 190.07' @ 12.22 hrs Surf.Area= 3,284 sf Storage= 8,660 cf

Plug-Flow detention time= 191.1 min calculated for 0.687 af (94% of inflow)
 Center-of-Mass det. time= 157.0 min (946.0 - 789.0)

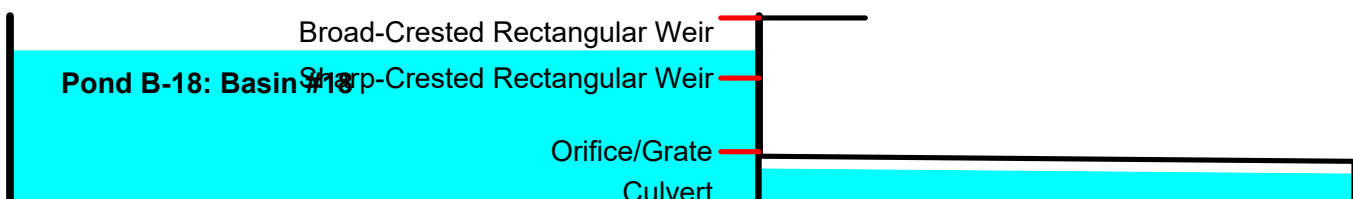
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

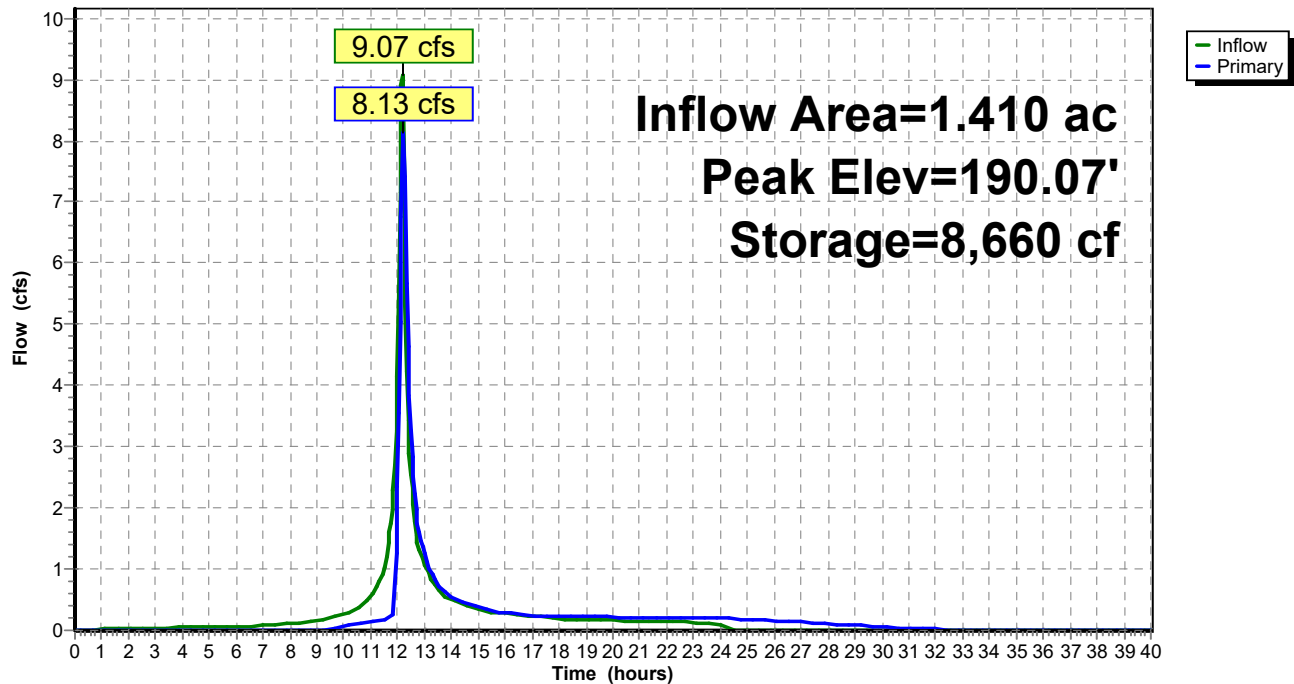
Primary OutFlow Max=7.97 cfs @ 12.22 hrs HW=190.06' (Free Discharge)

- 1=Culvert (Passes 7.97 cfs of 10.95 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.74 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 7.70 cfs @ 2.77 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	1	186.00	0.00
0.80	0.01	3	186.00	0.00
0.90	0.01	6	186.01	0.00
1.00	0.01	10	186.01	0.00
1.10	0.01	14	186.01	0.00
1.20	0.02	20	186.02	0.00
1.30	0.02	26	186.02	0.00
1.40	0.02	33	186.03	0.00
1.50	0.02	41	186.04	0.00
1.60	0.02	49	186.04	0.00
1.70	0.03	58	186.05	0.00
1.80	0.03	67	186.06	0.00
1.90	0.03	77	186.07	0.00
2.00	0.03	87	186.08	0.00
2.10	0.03	98	186.09	0.00
2.20	0.03	109	186.10	0.00
2.30	0.03	121	186.11	0.00
2.40	0.03	133	186.12	0.00
2.50	0.03	145	186.13	0.00
2.60	0.04	158	186.14	0.00
2.70	0.04	171	186.15	0.00
2.80	0.04	184	186.16	0.00
2.90	0.04	198	186.17	0.00
3.00	0.04	212	186.18	0.00
3.10	0.04	226	186.19	0.00
3.20	0.04	241	186.21	0.00
3.30	0.04	256	186.22	0.00
3.40	0.04	271	186.23	0.00
3.50	0.04	286	186.24	0.00
3.60	0.04	302	186.26	0.00
3.70	0.04	318	186.27	0.00
3.80	0.05	334	186.28	0.00
3.90	0.05	350	186.30	0.00
4.00	0.05	367	186.31	0.00
4.10	0.05	384	186.32	0.00
4.20	0.05	401	186.34	0.00
4.30	0.05	418	186.35	0.00
4.40	0.05	435	186.36	0.00
4.50	0.05	453	186.38	0.00
4.60	0.05	471	186.39	0.00
4.70	0.05	489	186.40	0.00
4.80	0.05	508	186.42	0.00
4.90	0.05	526	186.43	0.00
5.00	0.05	545	186.45	0.00
5.10	0.05	564	186.46	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	583	186.48	0.00
5.30	0.05	602	186.49	0.00
5.40	0.05	622	186.50	0.00
5.50	0.05	641	186.52	0.00
5.60	0.06	661	186.53	0.00
5.70	0.06	681	186.55	0.00
5.80	0.06	701	186.56	0.00
5.90	0.06	722	186.58	0.00
6.00	0.06	742	186.59	0.00
6.10	0.06	763	186.61	0.00
6.20	0.06	784	186.62	0.00
6.30	0.06	806	186.64	0.00
6.40	0.06	828	186.65	0.00
6.50	0.07	851	186.67	0.00
6.60	0.07	875	186.69	0.00
6.70	0.07	900	186.71	0.00
6.80	0.07	927	186.72	0.00
6.90	0.08	954	186.74	0.00
7.00	0.08	982	186.76	0.00
7.10	0.08	1,011	186.78	0.00
7.20	0.09	1,042	186.80	0.00
7.30	0.09	1,074	186.82	0.00
7.40	0.09	1,107	186.85	0.00
7.50	0.10	1,141	186.87	0.00
7.60	0.10	1,177	186.89	0.00
7.70	0.10	1,213	186.92	0.00
7.80	0.11	1,251	186.94	0.00
7.90	0.11	1,291	186.97	0.00
8.00	0.12	1,331	186.99	0.00
8.10	0.12	1,373	187.02	0.00
8.20	0.12	1,417	187.05	0.00
8.30	0.13	1,462	187.08	0.00
8.40	0.13	1,508	187.10	0.00
8.50	0.13	1,555	187.13	0.00
8.60	0.14	1,605	187.16	0.00
8.70	0.14	1,655	187.19	0.00
8.80	0.15	1,707	187.23	0.00
8.90	0.15	1,761	187.26	0.00
9.00	0.16	1,816	187.29	0.00
9.10	0.16	1,873	187.32	0.00
9.20	0.17	1,933	187.36	0.00
9.30	0.18	1,996	187.39	0.00
9.40	0.19	2,062	187.43	0.01
9.50	0.20	2,129	187.47	0.02
9.60	0.22	2,197	187.51	0.03
9.70	0.23	2,264	187.54	0.04
9.80	0.24	2,332	187.58	0.05
9.90	0.26	2,401	187.62	0.06
10.00	0.27	2,471	187.65	0.07
10.10	0.28	2,544	187.69	0.08
10.20	0.30	2,619	187.73	0.08
10.30	0.31	2,697	187.77	0.09

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.32	2,778	187.81	0.10
10.50	0.34	2,863	187.86	0.10
10.60	0.36	2,951	187.90	0.11
10.70	0.40	3,049	187.95	0.11
10.80	0.45	3,160	188.00	0.12
10.90	0.50	3,286	188.06	0.13
11.00	0.55	3,427	188.13	0.13
11.10	0.61	3,585	188.20	0.14
11.20	0.69	3,768	188.29	0.15
11.30	0.79	3,980	188.38	0.16
11.40	0.89	4,224	188.49	0.17
11.50	0.99	4,502	188.60	0.17
11.60	1.21	4,825	188.74	0.18
11.70	1.61	5,266	188.91	0.20
11.80	1.97	5,830	189.12	0.21
11.90	2.70	6,568	189.39	0.38
12.00	4.15	7,299	189.64	2.34
12.10	7.17	7,984	189.86	5.04
12.20	8.77	8,631	190.06	8.00
12.30	5.34	8,397	189.99	6.89
12.40	3.45	7,891	189.83	4.64
12.50	2.54	7,548	189.72	3.26
12.60	2.06	7,349	189.65	2.52
12.70	1.56	7,188	189.60	1.96
12.80	1.34	7,071	189.56	1.59
12.90	1.21	6,998	189.54	1.38
13.00	1.09	6,945	189.52	1.22
13.10	0.98	6,900	189.50	1.10
13.20	0.88	6,858	189.49	0.99
13.30	0.80	6,820	189.48	0.90
13.40	0.74	6,789	189.47	0.82
13.50	0.68	6,761	189.46	0.75
13.60	0.61	6,735	189.45	0.69
13.70	0.56	6,708	189.44	0.64
13.80	0.54	6,685	189.43	0.59
13.90	0.52	6,668	189.42	0.56
14.00	0.50	6,656	189.42	0.53
14.10	0.49	6,646	189.42	0.51
14.20	0.47	6,637	189.41	0.50
14.30	0.46	6,628	189.41	0.48
14.40	0.44	6,620	189.41	0.46
14.50	0.42	6,611	189.40	0.45
14.60	0.41	6,603	189.40	0.43
14.70	0.39	6,595	189.40	0.42
14.80	0.37	6,585	189.40	0.40
14.90	0.36	6,575	189.39	0.39
15.00	0.34	6,563	189.39	0.37
15.10	0.33	6,551	189.38	0.36
15.20	0.31	6,539	189.38	0.34
15.30	0.30	6,529	189.38	0.33
15.40	0.30	6,520	189.37	0.32
15.50	0.30	6,514	189.37	0.31

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	6,508	189.37	0.31
15.70	0.29	6,504	189.37	0.30
15.80	0.28	6,500	189.37	0.29
15.90	0.28	6,496	189.36	0.29
16.00	0.27	6,492	189.36	0.28
16.10	0.27	6,489	189.36	0.28
16.20	0.27	6,485	189.36	0.28
16.30	0.26	6,482	189.36	0.27
16.40	0.26	6,478	189.36	0.27
16.50	0.25	6,475	189.36	0.26
16.60	0.25	6,471	189.36	0.26
16.70	0.24	6,468	189.35	0.25
16.80	0.24	6,465	189.35	0.25
16.90	0.24	6,461	189.35	0.24
17.00	0.23	6,458	189.35	0.24
17.10	0.23	6,454	189.35	0.24
17.20	0.22	6,450	189.35	0.24
17.30	0.22	6,445	189.35	0.23
17.40	0.21	6,440	189.34	0.23
17.50	0.21	6,433	189.34	0.23
17.60	0.21	6,427	189.34	0.22
17.70	0.20	6,419	189.34	0.22
17.80	0.20	6,410	189.33	0.22
17.90	0.19	6,399	189.33	0.22
18.00	0.19	6,387	189.33	0.22
18.10	0.18	6,374	189.32	0.22
18.20	0.18	6,359	189.32	0.22
18.30	0.18	6,343	189.31	0.22
18.40	0.18	6,327	189.30	0.22
18.50	0.18	6,310	189.30	0.22
18.60	0.17	6,294	189.29	0.22
18.70	0.17	6,277	189.29	0.22
18.80	0.17	6,259	189.28	0.22
18.90	0.17	6,242	189.27	0.22
19.00	0.17	6,224	189.27	0.22
19.10	0.17	6,206	189.26	0.22
19.20	0.17	6,188	189.25	0.22
19.30	0.17	6,169	189.25	0.22
19.40	0.17	6,151	189.24	0.22
19.50	0.16	6,132	189.23	0.22
19.60	0.16	6,112	189.23	0.22
19.70	0.16	6,093	189.22	0.22
19.80	0.16	6,073	189.21	0.22
19.90	0.16	6,054	189.21	0.22
20.00	0.16	6,034	189.20	0.22
20.10	0.16	6,013	189.19	0.22
20.20	0.16	5,993	189.18	0.21
20.30	0.16	5,972	189.18	0.21
20.40	0.15	5,951	189.17	0.21
20.50	0.15	5,930	189.16	0.21
20.60	0.15	5,908	189.15	0.21
20.70	0.15	5,887	189.14	0.21

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	5,865	189.14	0.21
20.90	0.15	5,843	189.13	0.21
21.00	0.15	5,821	189.12	0.21
21.10	0.15	5,798	189.11	0.21
21.20	0.15	5,775	189.10	0.21
21.30	0.15	5,753	189.10	0.21
21.40	0.14	5,730	189.09	0.21
21.50	0.14	5,706	189.08	0.21
21.60	0.14	5,683	189.07	0.21
21.70	0.14	5,659	189.06	0.21
21.80	0.14	5,636	189.05	0.21
21.90	0.14	5,612	189.04	0.21
22.00	0.14	5,588	189.03	0.20
22.10	0.14	5,563	189.02	0.20
22.20	0.14	5,539	189.01	0.20
22.30	0.13	5,514	189.01	0.20
22.40	0.13	5,490	189.00	0.20
22.50	0.13	5,464	188.99	0.20
22.60	0.13	5,439	188.98	0.20
22.70	0.13	5,414	188.97	0.20
22.80	0.13	5,389	188.96	0.20
22.90	0.13	5,363	188.95	0.20
23.00	0.13	5,337	188.94	0.20
23.10	0.13	5,311	188.93	0.20
23.20	0.12	5,285	188.92	0.20
23.30	0.12	5,259	188.91	0.20
23.40	0.12	5,232	188.90	0.20
23.50	0.12	5,206	188.89	0.20
23.60	0.12	5,179	188.88	0.19
23.70	0.12	5,153	188.87	0.19
23.80	0.12	5,126	188.86	0.19
23.90	0.12	5,099	188.84	0.19
24.00	0.12	5,072	188.83	0.19
24.10	0.10	5,047	188.82	0.19
24.20	0.03	5,001	188.81	0.19
24.30	0.01	4,939	188.78	0.19
24.40	0.00	4,873	188.75	0.19
24.50	0.00	4,807	188.73	0.18
24.60	0.00	4,741	188.70	0.18
24.70	0.00	4,676	188.67	0.18
24.80	0.00	4,612	188.65	0.18
24.90	0.00	4,548	188.62	0.18
25.00	0.00	4,485	188.60	0.17
25.10	0.00	4,423	188.57	0.17
25.20	0.00	4,362	188.54	0.17
25.30	0.00	4,301	188.52	0.17
25.40	0.00	4,241	188.49	0.17
25.50	0.00	4,182	188.47	0.16
25.60	0.00	4,123	188.44	0.16
25.70	0.00	4,065	188.42	0.16
25.80	0.00	4,008	188.39	0.16
25.90	0.00	3,952	188.37	0.16

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,897	188.34	0.15
26.10	0.00	3,842	188.32	0.15
26.20	0.00	3,788	188.29	0.15
26.30	0.00	3,735	188.27	0.15
26.40	0.00	3,683	188.25	0.14
26.50	0.00	3,631	188.22	0.14
26.60	0.00	3,580	188.20	0.14
26.70	0.00	3,530	188.18	0.14
26.80	0.00	3,481	188.15	0.14
26.90	0.00	3,433	188.13	0.13
27.00	0.00	3,385	188.11	0.13
27.10	0.00	3,339	188.09	0.13
27.20	0.00	3,293	188.07	0.13
27.30	0.00	3,248	188.04	0.12
27.40	0.00	3,204	188.02	0.12
27.50	0.00	3,160	188.00	0.12
27.60	0.00	3,118	187.98	0.12
27.70	0.00	3,076	187.96	0.11
27.80	0.00	3,035	187.94	0.11
27.90	0.00	2,995	187.92	0.11
28.00	0.00	2,956	187.90	0.11
28.10	0.00	2,918	187.88	0.10
28.20	0.00	2,881	187.86	0.10
28.30	0.00	2,844	187.85	0.10
28.40	0.00	2,809	187.83	0.10
28.50	0.00	2,774	187.81	0.10
28.60	0.00	2,740	187.79	0.09
28.70	0.00	2,707	187.78	0.09
28.80	0.00	2,675	187.76	0.09
28.90	0.00	2,644	187.74	0.09
29.00	0.00	2,614	187.73	0.08
29.10	0.00	2,585	187.71	0.08
29.20	0.00	2,556	187.70	0.08
29.30	0.00	2,529	187.68	0.08
29.40	0.00	2,502	187.67	0.07
29.50	0.00	2,477	187.66	0.07
29.60	0.00	2,452	187.64	0.07
29.70	0.00	2,428	187.63	0.06
29.80	0.00	2,405	187.62	0.06
29.90	0.00	2,383	187.61	0.06
30.00	0.00	2,362	187.60	0.06
30.10	0.00	2,342	187.58	0.05
30.20	0.00	2,323	187.57	0.05
30.30	0.00	2,305	187.56	0.05
30.40	0.00	2,288	187.56	0.05
30.50	0.00	2,271	187.55	0.04
30.60	0.00	2,256	187.54	0.04
30.70	0.00	2,242	187.53	0.04
30.80	0.00	2,228	187.52	0.04
30.90	0.00	2,216	187.52	0.03
31.00	0.00	2,204	187.51	0.03
31.10	0.00	2,194	187.50	0.03

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,184	187.50	0.03
31.30	0.00	2,174	187.49	0.03
31.40	0.00	2,165	187.49	0.02
31.50	0.00	2,157	187.48	0.02
31.60	0.00	2,149	187.48	0.02
31.70	0.00	2,142	187.48	0.02
31.80	0.00	2,135	187.47	0.02
31.90	0.00	2,129	187.47	0.02
32.00	0.00	2,123	187.46	0.02
32.10	0.00	2,117	187.46	0.02
32.20	0.00	2,112	187.46	0.01
32.30	0.00	2,107	187.46	0.01
32.40	0.00	2,102	187.45	0.01
32.50	0.00	2,097	187.45	0.01
32.60	0.00	2,093	187.45	0.01
32.70	0.00	2,089	187.45	0.01
32.80	0.00	2,085	187.44	0.01
32.90	0.00	2,082	187.44	0.01
33.00	0.00	2,078	187.44	0.01
33.10	0.00	2,075	187.44	0.01
33.20	0.00	2,072	187.44	0.01
33.30	0.00	2,068	187.43	0.01
33.40	0.00	2,065	187.43	0.01
33.50	0.00	2,062	187.43	0.01
33.60	0.00	2,060	187.43	0.01
33.70	0.00	2,057	187.43	0.01
33.80	0.00	2,054	187.43	0.01
33.90	0.00	2,052	187.43	0.01
34.00	0.00	2,050	187.42	0.01
34.10	0.00	2,047	187.42	0.01
34.20	0.00	2,045	187.42	0.01
34.30	0.00	2,043	187.42	0.01
34.40	0.00	2,041	187.42	0.01
34.50	0.00	2,039	187.42	0.01
34.60	0.00	2,037	187.42	0.01
34.70	0.00	2,035	187.42	0.00
34.80	0.00	2,034	187.41	0.00
34.90	0.00	2,032	187.41	0.00
35.00	0.00	2,030	187.41	0.00
35.10	0.00	2,029	187.41	0.00
35.20	0.00	2,027	187.41	0.00
35.30	0.00	2,026	187.41	0.00
35.40	0.00	2,025	187.41	0.00
35.50	0.00	2,023	187.41	0.00
35.60	0.00	2,022	187.41	0.00
35.70	0.00	2,021	187.41	0.00
35.80	0.00	2,020	187.41	0.00
35.90	0.00	2,019	187.41	0.00
36.00	0.00	2,017	187.41	0.00
36.10	0.00	2,016	187.41	0.00
36.20	0.00	2,015	187.40	0.00
36.30	0.00	2,014	187.40	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,014	187.40	0.00
36.50	0.00	2,013	187.40	0.00
36.60	0.00	2,012	187.40	0.00
36.70	0.00	2,011	187.40	0.00
36.80	0.00	2,010	187.40	0.00
36.90	0.00	2,010	187.40	0.00
37.00	0.00	2,009	187.40	0.00
37.10	0.00	2,008	187.40	0.00
37.20	0.00	2,007	187.40	0.00
37.30	0.00	2,007	187.40	0.00
37.40	0.00	2,006	187.40	0.00
37.50	0.00	2,006	187.40	0.00
37.60	0.00	2,005	187.40	0.00
37.70	0.00	2,004	187.40	0.00
37.80	0.00	2,004	187.40	0.00
37.90	0.00	2,003	187.40	0.00
38.00	0.00	2,003	187.40	0.00
38.10	0.00	2,002	187.40	0.00
38.20	0.00	2,001	187.40	0.00
38.30	0.00	2,001	187.40	0.00
38.40	0.00	2,000	187.40	0.00
38.50	0.00	2,000	187.40	0.00
38.60	0.00	1,999	187.40	0.00
38.70	0.00	1,999	187.40	0.00
38.80	0.00	1,998	187.39	0.00
38.90	0.00	1,998	187.39	0.00
39.00	0.00	1,997	187.39	0.00
39.10	0.00	1,996	187.39	0.00
39.20	0.00	1,996	187.39	0.00
39.30	0.00	1,995	187.39	0.00
39.40	0.00	1,995	187.39	0.00
39.50	0.00	1,995	187.39	0.00
39.60	0.00	1,994	187.39	0.00
39.70	0.00	1,994	187.39	0.00
39.80	0.00	1,993	187.39	0.00
39.90	0.00	1,993	187.39	0.00
40.00	0.00	1,992	187.39	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 6.32" for Current 100 yr event
 Inflow = 11.13 cfs @ 12.17 hrs, Volume= 0.904 af
 Outflow = 9.64 cfs @ 12.23 hrs, Volume= 0.843 af, Atten= 13%, Lag= 3.6 min
 Primary = 9.64 cfs @ 12.23 hrs, Volume= 0.843 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 198.57' @ 12.23 hrs Surf.Area= 4,232 sf Storage= 10,778 cf

Plug-Flow detention time= 206.8 min calculated for 0.843 af (93% of inflow)
 Center-of-Mass det. time= 169.2 min (955.8 - 786.6)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

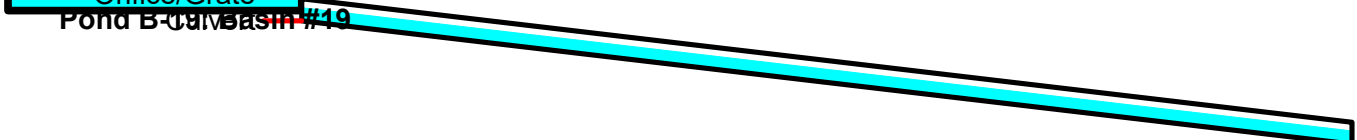
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=9.50 cfs @ 12.23 hrs HW=198.57' (Free Discharge)

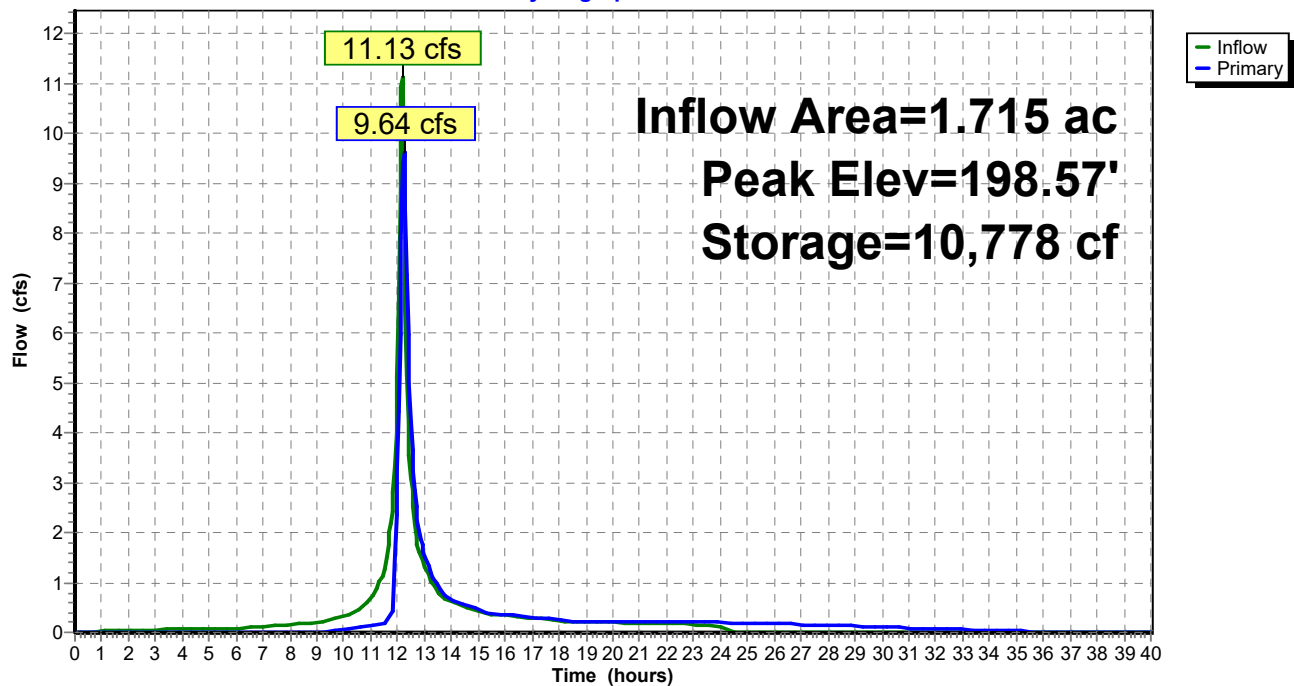
1=Culvert (Passes 9.50 cfs of 15.95 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.35 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 9.25 cfs @ 2.95 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	1	195.00	0.00
0.80	0.01	4	195.00	0.00
0.90	0.01	8	195.00	0.00
1.00	0.02	13	195.01	0.00
1.10	0.02	19	195.01	0.00
1.20	0.02	26	195.01	0.00
1.30	0.02	35	195.02	0.00
1.40	0.03	44	195.02	0.00
1.50	0.03	54	195.03	0.00
1.60	0.03	65	195.03	0.00
1.70	0.03	77	195.04	0.00
1.80	0.04	89	195.05	0.00
1.90	0.04	102	195.05	0.00
2.00	0.04	116	195.06	0.00
2.10	0.04	130	195.07	0.00
2.20	0.04	145	195.07	0.00
2.30	0.04	160	195.08	0.00
2.40	0.04	176	195.09	0.00
2.50	0.05	192	195.10	0.00
2.60	0.05	209	195.11	0.00
2.70	0.05	226	195.12	0.00
2.80	0.05	244	195.13	0.00
2.90	0.05	262	195.13	0.00
3.00	0.05	281	195.14	0.00
3.10	0.05	300	195.15	0.00
3.20	0.05	319	195.16	0.00
3.30	0.06	339	195.17	0.00
3.40	0.06	359	195.18	0.00
3.50	0.06	379	195.19	0.00
3.60	0.06	400	195.20	0.00
3.70	0.06	421	195.21	0.00
3.80	0.06	443	195.22	0.00
3.90	0.06	464	195.23	0.00
4.00	0.06	487	195.24	0.00
4.10	0.06	509	195.26	0.00
4.20	0.06	531	195.27	0.00
4.30	0.06	554	195.28	0.00
4.40	0.07	578	195.29	0.00
4.50	0.07	601	195.30	0.00
4.60	0.07	625	195.31	0.00
4.70	0.07	649	195.32	0.00
4.80	0.07	673	195.33	0.00
4.90	0.07	698	195.35	0.00
5.00	0.07	723	195.36	0.00
5.10	0.07	748	195.37	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	773	195.38	0.00
5.30	0.07	799	195.39	0.00
5.40	0.07	825	195.41	0.00
5.50	0.07	851	195.42	0.00
5.60	0.07	877	195.43	0.00
5.70	0.07	904	195.44	0.00
5.80	0.07	930	195.45	0.00
5.90	0.08	957	195.47	0.00
6.00	0.08	985	195.48	0.00
6.10	0.08	1,012	195.49	0.00
6.20	0.08	1,040	195.50	0.00
6.30	0.08	1,069	195.52	0.00
6.40	0.08	1,099	195.53	0.00
6.50	0.09	1,129	195.54	0.00
6.60	0.09	1,161	195.56	0.00
6.70	0.09	1,194	195.57	0.00
6.80	0.10	1,229	195.59	0.00
6.90	0.10	1,264	195.60	0.00
7.00	0.11	1,301	195.62	0.00
7.10	0.11	1,340	195.64	0.00
7.20	0.11	1,380	195.66	0.00
7.30	0.12	1,421	195.67	0.00
7.40	0.12	1,464	195.69	0.00
7.50	0.13	1,509	195.71	0.00
7.60	0.13	1,555	195.73	0.00
7.70	0.13	1,602	195.75	0.00
7.80	0.14	1,651	195.77	0.00
7.90	0.14	1,702	195.79	0.00
8.00	0.15	1,755	195.82	0.00
8.10	0.15	1,809	195.84	0.00
8.20	0.16	1,865	195.86	0.00
8.30	0.16	1,922	195.89	0.00
8.40	0.17	1,981	195.91	0.00
8.50	0.17	2,042	195.94	0.00
8.60	0.18	2,105	195.96	0.00
8.70	0.18	2,170	195.99	0.00
8.80	0.19	2,237	196.01	0.00
8.90	0.19	2,305	196.04	0.00
9.00	0.20	2,375	196.07	0.00
9.10	0.21	2,448	196.10	0.00
9.20	0.22	2,524	196.13	0.00
9.30	0.23	2,604	196.16	0.00
9.40	0.24	2,688	196.19	0.01
9.50	0.26	2,775	196.22	0.02
9.60	0.27	2,863	196.26	0.03
9.70	0.29	2,953	196.29	0.04
9.80	0.31	3,044	196.32	0.05
9.90	0.32	3,138	196.36	0.06
10.00	0.34	3,234	196.39	0.07
10.10	0.35	3,334	196.43	0.07
10.20	0.37	3,437	196.47	0.08
10.30	0.39	3,545	196.51	0.09

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.41	3,656	196.55	0.09
10.50	0.43	3,772	196.59	0.10
10.60	0.45	3,894	196.63	0.10
10.70	0.50	4,027	196.68	0.11
10.80	0.56	4,178	196.73	0.12
10.90	0.62	4,348	196.78	0.12
11.00	0.68	4,537	196.85	0.13
11.10	0.76	4,748	196.92	0.14
11.20	0.86	4,990	196.99	0.14
11.30	0.98	5,268	197.08	0.15
11.40	1.10	5,588	197.18	0.16
11.50	1.23	5,948	197.29	0.17
11.60	1.50	6,366	197.42	0.18
11.70	1.99	6,931	197.58	0.19
11.80	2.43	7,642	197.78	0.28
11.90	3.33	8,355	197.97	1.55
12.00	5.11	8,981	198.13	3.26
12.10	8.80	9,801	198.34	5.97
12.20	10.76	10,720	198.56	9.41
12.30	6.54	10,493	198.51	8.53
12.40	4.22	9,797	198.34	5.96
12.50	3.11	9,284	198.21	4.21
12.60	2.52	8,971	198.13	3.23
12.70	1.90	8,727	198.07	2.52
12.80	1.64	8,547	198.02	2.03
12.90	1.48	8,432	197.99	1.74
13.00	1.33	8,349	197.97	1.54
13.10	1.19	8,281	197.95	1.38
13.20	1.07	8,218	197.93	1.23
13.30	0.98	8,164	197.92	1.11
13.40	0.90	8,118	197.91	1.02
13.50	0.83	8,077	197.90	0.94
13.60	0.75	8,037	197.89	0.86
13.70	0.69	8,000	197.88	0.79
13.80	0.66	7,969	197.87	0.73
13.90	0.63	7,945	197.86	0.69
14.00	0.61	7,927	197.86	0.66
14.10	0.59	7,912	197.85	0.63
14.20	0.58	7,899	197.85	0.61
14.30	0.56	7,887	197.84	0.59
14.40	0.54	7,875	197.84	0.57
14.50	0.52	7,863	197.84	0.55
14.60	0.50	7,851	197.83	0.53
14.70	0.48	7,837	197.83	0.51
14.80	0.46	7,824	197.83	0.49
14.90	0.44	7,810	197.82	0.48
15.00	0.42	7,796	197.82	0.46
15.10	0.40	7,782	197.82	0.44
15.20	0.38	7,769	197.81	0.42
15.30	0.37	7,757	197.81	0.40
15.40	0.37	7,748	197.81	0.39
15.50	0.36	7,741	197.81	0.38

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.36	7,736	197.80	0.37
15.70	0.35	7,731	197.80	0.36
15.80	0.34	7,727	197.80	0.36
15.90	0.34	7,722	197.80	0.35
16.00	0.33	7,718	197.80	0.35
16.10	0.33	7,713	197.80	0.34
16.20	0.32	7,709	197.80	0.34
16.30	0.32	7,704	197.79	0.33
16.40	0.31	7,698	197.79	0.33
16.50	0.31	7,693	197.79	0.32
16.60	0.30	7,687	197.79	0.32
16.70	0.30	7,682	197.79	0.31
16.80	0.29	7,676	197.79	0.31
16.90	0.29	7,670	197.79	0.30
17.00	0.28	7,665	197.78	0.30
17.10	0.28	7,659	197.78	0.29
17.20	0.27	7,654	197.78	0.29
17.30	0.27	7,648	197.78	0.28
17.40	0.26	7,642	197.78	0.28
17.50	0.26	7,636	197.78	0.27
17.60	0.25	7,631	197.77	0.27
17.70	0.25	7,625	197.77	0.26
17.80	0.24	7,619	197.77	0.26
17.90	0.23	7,614	197.77	0.25
18.00	0.23	7,608	197.77	0.25
18.10	0.22	7,602	197.77	0.24
18.20	0.22	7,596	197.77	0.23
18.30	0.22	7,591	197.76	0.23
18.40	0.22	7,587	197.76	0.23
18.50	0.21	7,584	197.76	0.22
18.60	0.21	7,581	197.76	0.22
18.70	0.21	7,579	197.76	0.22
18.80	0.21	7,576	197.76	0.22
18.90	0.21	7,574	197.76	0.22
19.00	0.21	7,572	197.76	0.21
19.10	0.21	7,570	197.76	0.21
19.20	0.20	7,567	197.76	0.21
19.30	0.20	7,564	197.76	0.21
19.40	0.20	7,562	197.76	0.21
19.50	0.20	7,559	197.76	0.21
19.60	0.20	7,556	197.75	0.21
19.70	0.20	7,553	197.75	0.21
19.80	0.20	7,550	197.75	0.21
19.90	0.20	7,547	197.75	0.20
20.00	0.19	7,544	197.75	0.20
20.10	0.19	7,540	197.75	0.20
20.20	0.19	7,537	197.75	0.20
20.30	0.19	7,533	197.75	0.20
20.40	0.19	7,529	197.75	0.20
20.50	0.19	7,524	197.75	0.20
20.60	0.19	7,518	197.74	0.20
20.70	0.19	7,513	197.74	0.20

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	7,507	197.74	0.20
20.90	0.18	7,500	197.74	0.20
21.00	0.18	7,493	197.74	0.20
21.10	0.18	7,486	197.74	0.20
21.20	0.18	7,478	197.73	0.20
21.30	0.18	7,470	197.73	0.20
21.40	0.18	7,461	197.73	0.20
21.50	0.17	7,452	197.73	0.20
21.60	0.17	7,443	197.72	0.20
21.70	0.17	7,433	197.72	0.20
21.80	0.17	7,422	197.72	0.20
21.90	0.17	7,412	197.71	0.20
22.00	0.17	7,401	197.71	0.20
22.10	0.17	7,389	197.71	0.20
22.20	0.17	7,377	197.70	0.20
22.30	0.16	7,365	197.70	0.20
22.40	0.16	7,352	197.70	0.20
22.50	0.16	7,339	197.69	0.20
22.60	0.16	7,325	197.69	0.20
22.70	0.16	7,312	197.69	0.20
22.80	0.16	7,297	197.68	0.20
22.90	0.16	7,282	197.68	0.20
23.00	0.15	7,267	197.67	0.20
23.10	0.15	7,252	197.67	0.20
23.20	0.15	7,236	197.67	0.20
23.30	0.15	7,220	197.66	0.20
23.40	0.15	7,203	197.66	0.20
23.50	0.15	7,187	197.65	0.20
23.60	0.15	7,169	197.65	0.20
23.70	0.15	7,152	197.64	0.19
23.80	0.14	7,134	197.64	0.19
23.90	0.14	7,115	197.63	0.19
24.00	0.15	7,097	197.63	0.19
24.10	0.13	7,080	197.62	0.19
24.20	0.04	7,039	197.61	0.19
24.30	0.01	6,977	197.59	0.19
24.40	0.00	6,910	197.57	0.19
24.50	0.00	6,842	197.55	0.19
24.60	0.00	6,775	197.53	0.19
24.70	0.00	6,707	197.52	0.19
24.80	0.00	6,641	197.50	0.18
24.90	0.00	6,575	197.48	0.18
25.00	0.00	6,509	197.46	0.18
25.10	0.00	6,444	197.44	0.18
25.20	0.00	6,379	197.42	0.18
25.30	0.00	6,315	197.40	0.18
25.40	0.00	6,252	197.38	0.18
25.50	0.00	6,189	197.36	0.17
25.60	0.00	6,126	197.35	0.17
25.70	0.00	6,064	197.33	0.17
25.80	0.00	6,002	197.31	0.17
25.90	0.00	5,941	197.29	0.17

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,881	197.27	0.17
26.10	0.00	5,821	197.25	0.17
26.20	0.00	5,762	197.24	0.16
26.30	0.00	5,703	197.22	0.16
26.40	0.00	5,645	197.20	0.16
26.50	0.00	5,587	197.18	0.16
26.60	0.00	5,529	197.16	0.16
26.70	0.00	5,473	197.15	0.16
26.80	0.00	5,417	197.13	0.16
26.90	0.00	5,361	197.11	0.15
27.00	0.00	5,306	197.09	0.15
27.10	0.00	5,251	197.08	0.15
27.20	0.00	5,197	197.06	0.15
27.30	0.00	5,144	197.04	0.15
27.40	0.00	5,091	197.03	0.15
27.50	0.00	5,039	197.01	0.14
27.60	0.00	4,987	196.99	0.14
27.70	0.00	4,936	196.98	0.14
27.80	0.00	4,885	196.96	0.14
27.90	0.00	4,835	196.94	0.14
28.00	0.00	4,786	196.93	0.14
28.10	0.00	4,737	196.91	0.14
28.20	0.00	4,688	196.90	0.13
28.30	0.00	4,640	196.88	0.13
28.40	0.00	4,593	196.87	0.13
28.50	0.00	4,547	196.85	0.13
28.60	0.00	4,500	196.83	0.13
28.70	0.00	4,455	196.82	0.13
28.80	0.00	4,410	196.80	0.12
28.90	0.00	4,366	196.79	0.12
29.00	0.00	4,322	196.78	0.12
29.10	0.00	4,279	196.76	0.12
29.20	0.00	4,236	196.75	0.12
29.30	0.00	4,194	196.73	0.12
29.40	0.00	4,153	196.72	0.11
29.50	0.00	4,112	196.70	0.11
29.60	0.00	4,072	196.69	0.11
29.70	0.00	4,032	196.68	0.11
29.80	0.00	3,993	196.66	0.11
29.90	0.00	3,955	196.65	0.11
30.00	0.00	3,917	196.64	0.10
30.10	0.00	3,880	196.62	0.10
30.20	0.00	3,843	196.61	0.10
30.30	0.00	3,807	196.60	0.10
30.40	0.00	3,772	196.59	0.10
30.50	0.00	3,737	196.57	0.10
30.60	0.00	3,703	196.56	0.09
30.70	0.00	3,669	196.55	0.09
30.80	0.00	3,637	196.54	0.09
30.90	0.00	3,604	196.53	0.09
31.00	0.00	3,573	196.52	0.09
31.10	0.00	3,542	196.51	0.09

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,511	196.49	0.08
31.30	0.00	3,481	196.48	0.08
31.40	0.00	3,452	196.47	0.08
31.50	0.00	3,423	196.46	0.08
31.60	0.00	3,396	196.45	0.08
31.70	0.00	3,368	196.44	0.08
31.80	0.00	3,342	196.43	0.07
31.90	0.00	3,316	196.42	0.07
32.00	0.00	3,290	196.41	0.07
32.10	0.00	3,265	196.41	0.07
32.20	0.00	3,241	196.40	0.07
32.30	0.00	3,218	196.39	0.06
32.40	0.00	3,195	196.38	0.06
32.50	0.00	3,173	196.37	0.06
32.60	0.00	3,151	196.36	0.06
32.70	0.00	3,130	196.36	0.06
32.80	0.00	3,110	196.35	0.06
32.90	0.00	3,090	196.34	0.05
33.00	0.00	3,071	196.33	0.05
33.10	0.00	3,053	196.33	0.05
33.20	0.00	3,035	196.32	0.05
33.30	0.00	3,018	196.31	0.05
33.40	0.00	3,001	196.31	0.04
33.50	0.00	2,986	196.30	0.04
33.60	0.00	2,971	196.30	0.04
33.70	0.00	2,957	196.29	0.04
33.80	0.00	2,943	196.29	0.04
33.90	0.00	2,930	196.28	0.04
34.00	0.00	2,918	196.28	0.03
34.10	0.00	2,906	196.27	0.03
34.20	0.00	2,894	196.27	0.03
34.30	0.00	2,884	196.26	0.03
34.40	0.00	2,873	196.26	0.03
34.50	0.00	2,864	196.26	0.03
34.60	0.00	2,854	196.25	0.03
34.70	0.00	2,845	196.25	0.02
34.80	0.00	2,837	196.25	0.02
34.90	0.00	2,829	196.24	0.02
35.00	0.00	2,821	196.24	0.02
35.10	0.00	2,814	196.24	0.02
35.20	0.00	2,807	196.24	0.02
35.30	0.00	2,800	196.23	0.02
35.40	0.00	2,793	196.23	0.02
35.50	0.00	2,787	196.23	0.02
35.60	0.00	2,781	196.23	0.02
35.70	0.00	2,775	196.22	0.02
35.80	0.00	2,770	196.22	0.02
35.90	0.00	2,764	196.22	0.01
36.00	0.00	2,759	196.22	0.01
36.10	0.00	2,754	196.22	0.01
36.20	0.00	2,749	196.21	0.01
36.30	0.00	2,745	196.21	0.01

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,740	196.21	0.01
36.50	0.00	2,736	196.21	0.01
36.60	0.00	2,732	196.21	0.01
36.70	0.00	2,728	196.21	0.01
36.80	0.00	2,724	196.20	0.01
36.90	0.00	2,721	196.20	0.01
37.00	0.00	2,717	196.20	0.01
37.10	0.00	2,714	196.20	0.01
37.20	0.00	2,711	196.20	0.01
37.30	0.00	2,707	196.20	0.01
37.40	0.00	2,704	196.20	0.01
37.50	0.00	2,701	196.20	0.01
37.60	0.00	2,699	196.19	0.01
37.70	0.00	2,696	196.19	0.01
37.80	0.00	2,693	196.19	0.01
37.90	0.00	2,690	196.19	0.01
38.00	0.00	2,688	196.19	0.01
38.10	0.00	2,685	196.19	0.01
38.20	0.00	2,682	196.19	0.01
38.30	0.00	2,680	196.19	0.01
38.40	0.00	2,678	196.19	0.01
38.50	0.00	2,675	196.19	0.01
38.60	0.00	2,673	196.18	0.01
38.70	0.00	2,671	196.18	0.01
38.80	0.00	2,669	196.18	0.01
38.90	0.00	2,667	196.18	0.01
39.00	0.00	2,665	196.18	0.01
39.10	0.00	2,663	196.18	0.01
39.20	0.00	2,661	196.18	0.01
39.30	0.00	2,659	196.18	0.01
39.40	0.00	2,657	196.18	0.01
39.50	0.00	2,655	196.18	0.00
39.60	0.00	2,653	196.18	0.00
39.70	0.00	2,651	196.18	0.00
39.80	0.00	2,650	196.18	0.00
39.90	0.00	2,648	196.17	0.00
40.00	0.00	2,647	196.17	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 6.65" for Current 100 yr event
 Inflow = 16.43 cfs @ 12.17 hrs, Volume= 1.359 af
 Outflow = 12.03 cfs @ 12.27 hrs, Volume= 1.224 af, Atten= 27%, Lag= 5.7 min
 Primary = 12.03 cfs @ 12.27 hrs, Volume= 1.224 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 153.74' @ 12.26 hrs Surf.Area= 8,134 sf Storage= 19,251 cf

Plug-Flow detention time= 231.3 min calculated for 1.224 af (90% of inflow)
 Center-of-Mass det. time= 179.7 min (957.4 - 777.7)

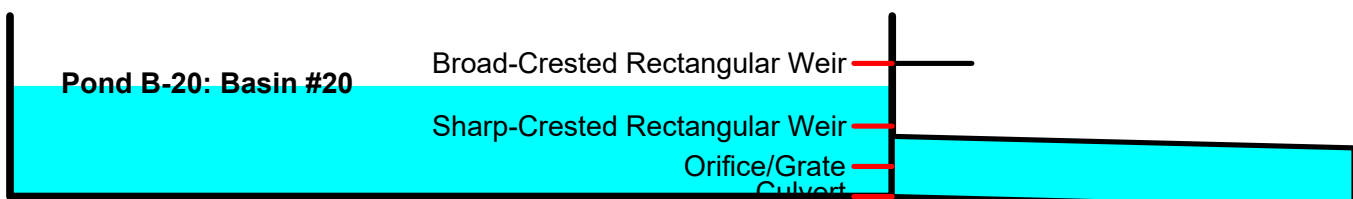
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

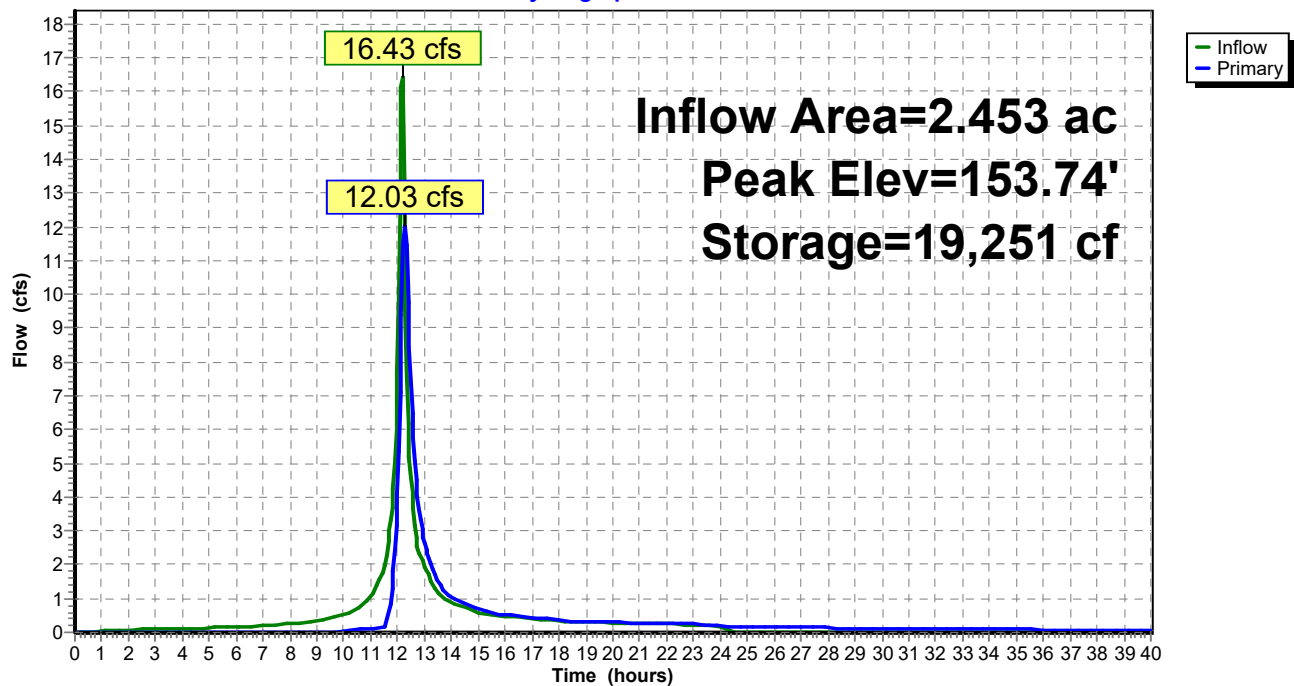
Primary OutFlow Max=11.99 cfs @ 12.27 hrs HW=153.74' (Free Discharge)

1=Culvert (Inlet Controls 11.99 cfs @ 6.79 fps)
 2=Orifice/Grate (Passes < 0.23 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 12.18 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20

Hydrograph



Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.00	0	151.00	0.00
0.60	0.00	0	151.00	0.00
0.70	0.01	3	151.00	0.00
0.80	0.02	7	151.00	0.00
0.90	0.02	14	151.00	0.00
1.00	0.03	24	151.00	0.00
1.10	0.04	36	151.01	0.00
1.20	0.04	50	151.01	0.00
1.30	0.05	65	151.01	0.00
1.40	0.05	83	151.01	0.00
1.50	0.06	102	151.02	0.00
1.60	0.06	123	151.02	0.00
1.70	0.06	145	151.02	0.00
1.80	0.07	168	151.03	0.00
1.90	0.07	193	151.03	0.00
2.00	0.07	219	151.04	0.00
2.10	0.08	246	151.04	0.00
2.20	0.08	274	151.05	0.00
2.30	0.08	303	151.05	0.00
2.40	0.09	333	151.06	0.00
2.50	0.09	364	151.06	0.00
2.60	0.09	396	151.07	0.00
2.70	0.09	429	151.07	0.00
2.80	0.09	462	151.08	0.00
2.90	0.10	497	151.08	0.00
3.00	0.10	532	151.09	0.00
3.10	0.10	568	151.10	0.00
3.20	0.10	604	151.10	0.00
3.30	0.10	642	151.11	0.00
3.40	0.11	680	151.11	0.00
3.50	0.11	718	151.12	0.00
3.60	0.11	758	151.13	0.00
3.70	0.11	798	151.13	0.00
3.80	0.11	838	151.14	0.00
3.90	0.11	879	151.15	0.00
4.00	0.12	921	151.15	0.00
4.10	0.12	963	151.16	0.00
4.20	0.12	1,006	151.17	0.00
4.30	0.12	1,049	151.18	0.00
4.40	0.12	1,093	151.18	0.00
4.50	0.12	1,138	151.19	0.00
4.60	0.13	1,183	151.20	0.00
4.70	0.13	1,228	151.20	0.00
4.80	0.13	1,274	151.21	0.00
4.90	0.13	1,321	151.22	0.00
5.00	0.13	1,368	151.23	0.00
5.10	0.13	1,415	151.24	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,463	151.24	0.00
5.30	0.14	1,512	151.25	0.00
5.40	0.14	1,561	151.26	0.00
5.50	0.14	1,610	151.27	0.00
5.60	0.14	1,660	151.28	0.00
5.70	0.14	1,710	151.28	0.00
5.80	0.14	1,761	151.29	0.00
5.90	0.14	1,812	151.30	0.00
6.00	0.14	1,864	151.31	0.00
6.10	0.15	1,916	151.32	0.00
6.20	0.15	1,969	151.33	0.00
6.30	0.15	2,024	151.33	0.00
6.40	0.16	2,079	151.34	0.00
6.50	0.16	2,137	151.35	0.00
6.60	0.17	2,197	151.36	0.00
6.70	0.17	2,258	151.37	0.00
6.80	0.18	2,322	151.38	0.00
6.90	0.19	2,388	151.39	0.00
7.00	0.19	2,456	151.40	0.00
7.10	0.20	2,526	151.41	0.00
7.20	0.20	2,599	151.43	0.00
7.30	0.21	2,674	151.44	0.00
7.40	0.22	2,750	151.45	0.00
7.50	0.22	2,830	151.46	0.00
7.60	0.23	2,912	151.48	0.00
7.70	0.24	2,996	151.49	0.00
7.80	0.24	3,082	151.50	0.00
7.90	0.25	3,171	151.52	0.00
8.00	0.26	3,263	151.53	0.00
8.10	0.26	3,357	151.55	0.00
8.20	0.27	3,453	151.56	0.00
8.30	0.28	3,552	151.58	0.00
8.40	0.29	3,654	151.59	0.00
8.50	0.29	3,758	151.61	0.00
8.60	0.30	3,865	151.63	0.00
8.70	0.31	3,975	151.64	0.00
8.80	0.32	4,088	151.66	0.00
8.90	0.32	4,203	151.68	0.00
9.00	0.33	4,321	151.70	0.00
9.10	0.34	4,442	151.72	0.00
9.20	0.36	4,568	151.74	0.00
9.30	0.38	4,702	151.76	0.00
9.40	0.40	4,843	151.78	0.00
9.50	0.43	4,992	151.80	0.01
9.60	0.45	5,147	151.82	0.01
9.70	0.47	5,308	151.85	0.02
9.80	0.50	5,475	151.87	0.03
9.90	0.52	5,648	151.90	0.03
10.00	0.55	5,826	151.93	0.04
10.10	0.57	6,010	151.95	0.05
10.20	0.60	6,201	151.98	0.06
10.30	0.62	6,399	152.01	0.07

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.65	6,604	152.04	0.07
10.50	0.68	6,816	152.07	0.08
10.60	0.72	7,039	152.11	0.08
10.70	0.80	7,280	152.14	0.09
10.80	0.88	7,549	152.18	0.09
10.90	0.97	7,848	152.23	0.10
11.00	1.07	8,179	152.27	0.11
11.10	1.18	8,544	152.33	0.11
11.20	1.34	8,957	152.38	0.12
11.30	1.52	9,427	152.45	0.13
11.40	1.70	9,960	152.53	0.13
11.50	1.89	10,557	152.61	0.14
11.60	2.29	11,241	152.70	0.15
11.70	3.03	12,119	152.82	0.43
11.80	3.69	13,013	152.94	1.29
11.90	5.01	13,899	153.06	2.43
12.00	7.65	14,967	153.20	4.09
12.10	13.07	16,642	153.42	7.11
12.20	15.86	18,781	153.69	11.52
12.30	9.61	19,086	153.72	11.90
12.40	6.18	17,936	153.58	9.72
12.50	4.54	16,773	153.43	7.37
12.60	3.68	15,913	153.33	5.74
12.70	2.78	15,222	153.24	4.52
12.80	2.39	14,688	153.17	3.63
12.90	2.16	14,310	153.12	3.04
13.00	1.94	14,031	153.08	2.62
13.10	1.74	13,808	153.05	2.31
13.20	1.56	13,618	153.03	2.04
13.30	1.43	13,458	153.00	1.83
13.40	1.31	13,323	152.99	1.66
13.50	1.20	13,205	152.97	1.52
13.60	1.09	13,096	152.96	1.39
13.70	1.00	12,994	152.94	1.27
13.80	0.95	12,908	152.93	1.17
13.90	0.92	12,839	152.92	1.10
14.00	0.89	12,782	152.91	1.04
14.10	0.86	12,735	152.91	0.99
14.20	0.84	12,694	152.90	0.94
14.30	0.81	12,658	152.90	0.90
14.40	0.78	12,624	152.89	0.87
14.50	0.75	12,593	152.89	0.84
14.60	0.72	12,561	152.88	0.81
14.70	0.69	12,530	152.88	0.78
14.80	0.66	12,498	152.88	0.75
14.90	0.64	12,467	152.87	0.72
15.00	0.61	12,435	152.87	0.69
15.10	0.58	12,403	152.86	0.66
15.20	0.55	12,372	152.86	0.64
15.30	0.54	12,344	152.85	0.61
15.40	0.53	12,321	152.85	0.59
15.50	0.52	12,302	152.85	0.57

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.52	12,286	152.85	0.56
15.70	0.51	12,272	152.85	0.55
15.80	0.50	12,259	152.84	0.54
15.90	0.49	12,246	152.84	0.53
16.00	0.49	12,235	152.84	0.52
16.10	0.48	12,223	152.84	0.51
16.20	0.47	12,212	152.84	0.50
16.30	0.46	12,201	152.84	0.49
16.40	0.45	12,190	152.83	0.49
16.50	0.45	12,179	152.83	0.48
16.60	0.44	12,168	152.83	0.47
16.70	0.43	12,157	152.83	0.46
16.80	0.42	12,146	152.83	0.45
16.90	0.42	12,135	152.83	0.45
17.00	0.41	12,124	152.83	0.44
17.10	0.40	12,114	152.82	0.43
17.20	0.39	12,103	152.82	0.42
17.30	0.39	12,093	152.82	0.42
17.40	0.38	12,082	152.82	0.41
17.50	0.37	12,071	152.82	0.40
17.60	0.36	12,060	152.82	0.39
17.70	0.36	12,050	152.81	0.38
17.80	0.35	12,039	152.81	0.38
17.90	0.34	12,028	152.81	0.37
18.00	0.33	12,017	152.81	0.36
18.10	0.32	12,007	152.81	0.35
18.20	0.32	11,996	152.81	0.35
18.30	0.31	11,986	152.81	0.34
18.40	0.31	11,978	152.81	0.33
18.50	0.31	11,971	152.80	0.33
18.60	0.31	11,965	152.80	0.32
18.70	0.31	11,960	152.80	0.32
18.80	0.30	11,955	152.80	0.32
18.90	0.30	11,951	152.80	0.31
19.00	0.30	11,947	152.80	0.31
19.10	0.30	11,944	152.80	0.31
19.20	0.30	11,940	152.80	0.31
19.30	0.30	11,937	152.80	0.30
19.40	0.29	11,933	152.80	0.30
19.50	0.29	11,930	152.80	0.30
19.60	0.29	11,926	152.80	0.30
19.70	0.29	11,922	152.80	0.30
19.80	0.29	11,918	152.80	0.30
19.90	0.28	11,915	152.80	0.29
20.00	0.28	11,911	152.80	0.29
20.10	0.28	11,907	152.80	0.29
20.20	0.28	11,903	152.80	0.29
20.30	0.28	11,898	152.79	0.29
20.40	0.27	11,894	152.79	0.29
20.50	0.27	11,890	152.79	0.28
20.60	0.27	11,886	152.79	0.28
20.70	0.27	11,882	152.79	0.28

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	11,878	152.79	0.28
20.90	0.26	11,873	152.79	0.28
21.00	0.26	11,869	152.79	0.27
21.10	0.26	11,864	152.79	0.27
21.20	0.26	11,860	152.79	0.27
21.30	0.26	11,856	152.79	0.27
21.40	0.26	11,851	152.79	0.27
21.50	0.25	11,847	152.79	0.27
21.60	0.25	11,843	152.79	0.26
21.70	0.25	11,838	152.79	0.26
21.80	0.25	11,834	152.79	0.26
21.90	0.25	11,830	152.79	0.26
22.00	0.24	11,825	152.78	0.26
22.10	0.24	11,821	152.78	0.25
22.20	0.24	11,816	152.78	0.25
22.30	0.24	11,812	152.78	0.25
22.40	0.24	11,808	152.78	0.25
22.50	0.23	11,803	152.78	0.25
22.60	0.23	11,799	152.78	0.24
22.70	0.23	11,795	152.78	0.24
22.80	0.23	11,790	152.78	0.24
22.90	0.23	11,786	152.78	0.24
23.00	0.22	11,781	152.78	0.24
23.10	0.22	11,777	152.78	0.23
23.20	0.22	11,773	152.78	0.23
23.30	0.22	11,768	152.78	0.23
23.40	0.22	11,764	152.78	0.23
23.50	0.21	11,759	152.78	0.23
23.60	0.21	11,755	152.77	0.22
23.70	0.21	11,750	152.77	0.22
23.80	0.21	11,746	152.77	0.22
23.90	0.21	11,742	152.77	0.22
24.00	0.22	11,738	152.77	0.22
24.10	0.18	11,736	152.77	0.22
24.20	0.05	11,702	152.77	0.20
24.30	0.01	11,644	152.76	0.18
24.40	0.00	11,587	152.75	0.16
24.50	0.00	11,531	152.74	0.15
24.60	0.00	11,476	152.74	0.15
24.70	0.00	11,420	152.73	0.15
24.80	0.00	11,365	152.72	0.15
24.90	0.00	11,310	152.71	0.15
25.00	0.00	11,256	152.71	0.15
25.10	0.00	11,201	152.70	0.15
25.20	0.00	11,147	152.69	0.15
25.30	0.00	11,093	152.68	0.15
25.40	0.00	11,039	152.68	0.15
25.50	0.00	10,986	152.67	0.15
25.60	0.00	10,933	152.66	0.15
25.70	0.00	10,880	152.65	0.15
25.80	0.00	10,827	152.65	0.15
25.90	0.00	10,775	152.64	0.15

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,722	152.63	0.14
26.10	0.00	10,670	152.63	0.14
26.20	0.00	10,618	152.62	0.14
26.30	0.00	10,567	152.61	0.14
26.40	0.00	10,516	152.60	0.14
26.50	0.00	10,465	152.60	0.14
26.60	0.00	10,414	152.59	0.14
26.70	0.00	10,363	152.58	0.14
26.80	0.00	10,313	152.58	0.14
26.90	0.00	10,263	152.57	0.14
27.00	0.00	10,213	152.56	0.14
27.10	0.00	10,163	152.56	0.14
27.20	0.00	10,114	152.55	0.14
27.30	0.00	10,065	152.54	0.14
27.40	0.00	10,016	152.53	0.14
27.50	0.00	9,968	152.53	0.13
27.60	0.00	9,919	152.52	0.13
27.70	0.00	9,871	152.51	0.13
27.80	0.00	9,823	152.51	0.13
27.90	0.00	9,776	152.50	0.13
28.00	0.00	9,728	152.49	0.13
28.10	0.00	9,681	152.49	0.13
28.20	0.00	9,634	152.48	0.13
28.30	0.00	9,587	152.47	0.13
28.40	0.00	9,541	152.47	0.13
28.50	0.00	9,495	152.46	0.13
28.60	0.00	9,449	152.45	0.13
28.70	0.00	9,403	152.45	0.13
28.80	0.00	9,358	152.44	0.13
28.90	0.00	9,313	152.44	0.13
29.00	0.00	9,268	152.43	0.12
29.10	0.00	9,223	152.42	0.12
29.20	0.00	9,179	152.42	0.12
29.30	0.00	9,135	152.41	0.12
29.40	0.00	9,091	152.40	0.12
29.50	0.00	9,047	152.40	0.12
29.60	0.00	9,003	152.39	0.12
29.70	0.00	8,960	152.39	0.12
29.80	0.00	8,917	152.38	0.12
29.90	0.00	8,875	152.37	0.12
30.00	0.00	8,832	152.37	0.12
30.10	0.00	8,790	152.36	0.12
30.20	0.00	8,748	152.36	0.12
30.30	0.00	8,706	152.35	0.12
30.40	0.00	8,665	152.34	0.11
30.50	0.00	8,624	152.34	0.11
30.60	0.00	8,583	152.33	0.11
30.70	0.00	8,542	152.33	0.11
30.80	0.00	8,502	152.32	0.11
30.90	0.00	8,462	152.31	0.11
31.00	0.00	8,422	152.31	0.11
31.10	0.00	8,382	152.30	0.11

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,343	152.30	0.11
31.30	0.00	8,303	152.29	0.11
31.40	0.00	8,264	152.29	0.11
31.50	0.00	8,226	152.28	0.11
31.60	0.00	8,187	152.27	0.11
31.70	0.00	8,149	152.27	0.11
31.80	0.00	8,111	152.26	0.11
31.90	0.00	8,074	152.26	0.10
32.00	0.00	8,036	152.25	0.10
32.10	0.00	7,999	152.25	0.10
32.20	0.00	7,962	152.24	0.10
32.30	0.00	7,925	152.24	0.10
32.40	0.00	7,889	152.23	0.10
32.50	0.00	7,853	152.23	0.10
32.60	0.00	7,817	152.22	0.10
32.70	0.00	7,781	152.22	0.10
32.80	0.00	7,746	152.21	0.10
32.90	0.00	7,711	152.21	0.10
33.00	0.00	7,676	152.20	0.10
33.10	0.00	7,641	152.20	0.10
33.20	0.00	7,607	152.19	0.10
33.30	0.00	7,573	152.19	0.09
33.40	0.00	7,539	152.18	0.09
33.50	0.00	7,505	152.18	0.09
33.60	0.00	7,472	152.17	0.09
33.70	0.00	7,439	152.17	0.09
33.80	0.00	7,406	152.16	0.09
33.90	0.00	7,373	152.16	0.09
34.00	0.00	7,341	152.15	0.09
34.10	0.00	7,309	152.15	0.09
34.20	0.00	7,277	152.14	0.09
34.30	0.00	7,246	152.14	0.09
34.40	0.00	7,214	152.13	0.09
34.50	0.00	7,183	152.13	0.09
34.60	0.00	7,153	152.12	0.09
34.70	0.00	7,122	152.12	0.08
34.80	0.00	7,092	152.11	0.08
34.90	0.00	7,062	152.11	0.08
35.00	0.00	7,032	152.11	0.08
35.10	0.00	7,002	152.10	0.08
35.20	0.00	6,973	152.10	0.08
35.30	0.00	6,944	152.09	0.08
35.40	0.00	6,915	152.09	0.08
35.50	0.00	6,887	152.08	0.08
35.60	0.00	6,859	152.08	0.08
35.70	0.00	6,831	152.08	0.08
35.80	0.00	6,803	152.07	0.08
35.90	0.00	6,776	152.07	0.08
36.00	0.00	6,748	152.06	0.08
36.10	0.00	6,722	152.06	0.07
36.20	0.00	6,695	152.06	0.07
36.30	0.00	6,668	152.05	0.07

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,642	152.05	0.07
36.50	0.00	6,616	152.04	0.07
36.60	0.00	6,591	152.04	0.07
36.70	0.00	6,565	152.04	0.07
36.80	0.00	6,540	152.03	0.07
36.90	0.00	6,515	152.03	0.07
37.00	0.00	6,491	152.03	0.07
37.10	0.00	6,466	152.02	0.07
37.20	0.00	6,442	152.02	0.07
37.30	0.00	6,419	152.02	0.07
37.40	0.00	6,395	152.01	0.07
37.50	0.00	6,372	152.01	0.06
37.60	0.00	6,349	152.00	0.06
37.70	0.00	6,326	152.00	0.06
37.80	0.00	6,303	152.00	0.06
37.90	0.00	6,281	151.99	0.06
38.00	0.00	6,259	151.99	0.06
38.10	0.00	6,237	151.99	0.06
38.20	0.00	6,216	151.99	0.06
38.30	0.00	6,195	151.98	0.06
38.40	0.00	6,174	151.98	0.06
38.50	0.00	6,153	151.98	0.06
38.60	0.00	6,132	151.97	0.06
38.70	0.00	6,112	151.97	0.06
38.80	0.00	6,092	151.97	0.05
38.90	0.00	6,073	151.96	0.05
39.00	0.00	6,053	151.96	0.05
39.10	0.00	6,034	151.96	0.05
39.20	0.00	6,015	151.96	0.05
39.30	0.00	5,997	151.95	0.05
39.40	0.00	5,978	151.95	0.05
39.50	0.00	5,960	151.95	0.05
39.60	0.00	5,942	151.94	0.05
39.70	0.00	5,924	151.94	0.05
39.80	0.00	5,907	151.94	0.05
39.90	0.00	5,890	151.94	0.05
40.00	0.00	5,873	151.93	0.05

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 6.34" for Current 100 yr event
 Inflow = 16.25 cfs @ 12.17 hrs, Volume= 1.321 af
 Outflow = 11.63 cfs @ 12.27 hrs, Volume= 1.190 af, Atten= 28%, Lag= 5.9 min
 Primary = 11.63 cfs @ 12.27 hrs, Volume= 1.190 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 153.27' @ 12.27 hrs Surf.Area= 8,099 sf Storage= 21,014 cf

Plug-Flow detention time= 282.7 min calculated for 1.188 af (90% of inflow)
 Center-of-Mass det. time= 232.6 min (1,018.6 - 786.0)

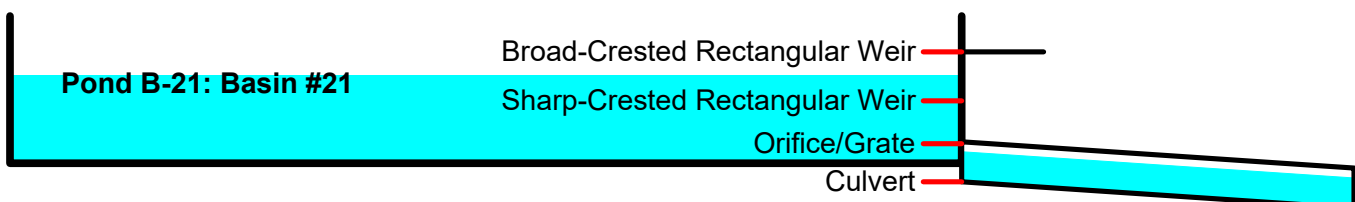
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

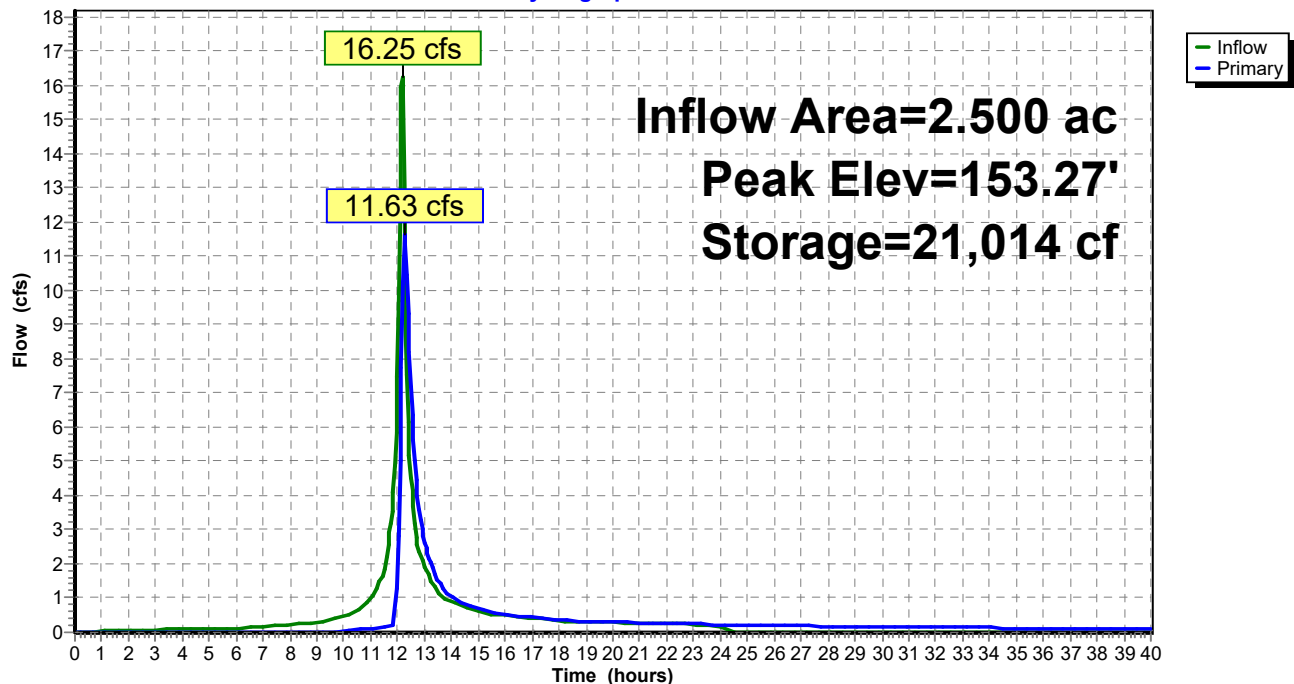
Primary OutFlow Max=11.46 cfs @ 12.27 hrs HW=153.26' (Free Discharge)

1=Culvert (Passes 11.46 cfs of 15.25 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.52 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 11.20 cfs @ 3.16 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	0	150.00	0.00
0.60	0.00	0	150.00	0.00
0.70	0.01	2	150.00	0.00
0.80	0.01	6	150.00	0.00
0.90	0.02	11	150.00	0.00
1.00	0.02	19	150.00	0.00
1.10	0.03	28	150.01	0.00
1.20	0.03	39	150.01	0.00
1.30	0.04	51	150.01	0.00
1.40	0.04	65	150.01	0.00
1.50	0.04	80	150.02	0.00
1.60	0.05	96	150.02	0.00
1.70	0.05	114	150.02	0.00
1.80	0.05	132	150.03	0.00
1.90	0.06	151	150.03	0.00
2.00	0.06	172	150.04	0.00
2.10	0.06	193	150.04	0.00
2.20	0.06	215	150.04	0.00
2.30	0.06	238	150.05	0.00
2.40	0.07	261	150.05	0.00
2.50	0.07	286	150.06	0.00
2.60	0.07	310	150.06	0.00
2.70	0.07	336	150.07	0.00
2.80	0.07	362	150.07	0.00
2.90	0.08	389	150.08	0.00
3.00	0.08	417	150.09	0.00
3.10	0.08	445	150.09	0.00
3.20	0.08	474	150.10	0.00
3.30	0.08	503	150.10	0.00
3.40	0.08	533	150.11	0.00
3.50	0.08	563	150.11	0.00
3.60	0.09	594	150.12	0.00
3.70	0.09	625	150.13	0.00
3.80	0.09	657	150.13	0.00
3.90	0.09	689	150.14	0.00
4.00	0.09	722	150.15	0.00
4.10	0.09	755	150.15	0.00
4.20	0.09	789	150.16	0.00
4.30	0.10	823	150.17	0.00
4.40	0.10	857	150.17	0.00
4.50	0.10	892	150.18	0.00
4.60	0.10	927	150.19	0.00
4.70	0.10	963	150.19	0.00
4.80	0.10	999	150.20	0.00
4.90	0.10	1,036	150.21	0.00
5.00	0.10	1,073	150.22	0.00
5.10	0.10	1,110	150.22	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,147	150.23	0.00
5.30	0.11	1,185	150.24	0.00
5.40	0.11	1,224	150.25	0.00
5.50	0.11	1,262	150.25	0.00
5.60	0.11	1,302	150.26	0.00
5.70	0.11	1,341	150.27	0.00
5.80	0.11	1,381	150.28	0.00
5.90	0.11	1,421	150.29	0.00
6.00	0.11	1,461	150.29	0.00
6.10	0.11	1,502	150.30	0.00
6.20	0.12	1,544	150.31	0.00
6.30	0.12	1,587	150.32	0.00
6.40	0.12	1,630	150.33	0.00
6.50	0.13	1,676	150.33	0.00
6.60	0.13	1,723	150.34	0.00
6.70	0.14	1,772	150.35	0.00
6.80	0.14	1,823	150.36	0.00
6.90	0.15	1,876	150.37	0.00
7.00	0.16	1,931	150.38	0.00
7.10	0.16	1,988	150.40	0.00
7.20	0.17	2,047	150.41	0.00
7.30	0.17	2,109	150.42	0.00
7.40	0.18	2,172	150.43	0.00
7.50	0.19	2,238	150.44	0.00
7.60	0.19	2,306	150.46	0.00
7.70	0.20	2,376	150.47	0.00
7.80	0.20	2,448	150.48	0.00
7.90	0.21	2,523	150.50	0.00
8.00	0.22	2,601	150.51	0.00
8.10	0.23	2,681	150.53	0.00
8.20	0.23	2,763	150.54	0.00
8.30	0.24	2,848	150.56	0.00
8.40	0.25	2,935	150.57	0.00
8.50	0.25	3,025	150.59	0.00
8.60	0.26	3,118	150.61	0.00
8.70	0.27	3,213	150.63	0.00
8.80	0.28	3,311	150.64	0.00
8.90	0.28	3,412	150.66	0.00
9.00	0.29	3,515	150.68	0.00
9.10	0.30	3,622	150.70	0.00
9.20	0.32	3,733	150.72	0.00
9.30	0.34	3,851	150.74	0.00
9.40	0.36	3,976	150.76	0.00
9.50	0.38	4,107	150.79	0.01
9.60	0.40	4,244	150.81	0.02
9.70	0.43	4,386	150.84	0.02
9.80	0.45	4,533	150.86	0.03
9.90	0.47	4,686	150.89	0.04
10.00	0.50	4,844	150.92	0.05
10.10	0.52	5,007	150.95	0.06
10.20	0.55	5,177	150.98	0.06
10.30	0.57	5,355	151.01	0.07

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.60	5,539	151.04	0.08
10.50	0.62	5,730	151.07	0.08
10.60	0.67	5,931	151.11	0.09
10.70	0.74	6,151	151.14	0.09
10.80	0.82	6,397	151.18	0.10
10.90	0.91	6,671	151.23	0.10
11.00	1.00	6,976	151.28	0.11
11.10	1.11	7,314	151.34	0.12
11.20	1.27	7,697	151.40	0.12
11.30	1.44	8,137	151.47	0.13
11.40	1.62	8,638	151.55	0.14
11.50	1.80	9,201	151.64	0.15
11.60	2.19	9,849	151.74	0.16
11.70	2.91	10,714	151.87	0.17
11.80	3.56	11,804	152.03	0.18
11.90	4.86	13,235	152.24	0.20
12.00	7.47	15,212	152.52	1.26
12.10	12.86	17,710	152.85	5.02
12.20	15.71	20,380	153.19	10.27
12.30	9.55	20,894	153.26	11.37
12.40	6.16	19,924	153.13	9.31
12.50	4.53	18,860	153.00	7.17
12.60	3.68	18,050	152.90	5.64
12.70	2.78	17,388	152.81	4.46
12.80	2.40	16,870	152.74	3.60
12.90	2.16	16,504	152.69	3.02
13.00	1.95	16,232	152.65	2.61
13.10	1.74	16,015	152.63	2.30
13.20	1.56	15,829	152.60	2.04
13.30	1.43	15,672	152.58	1.83
13.40	1.32	15,539	152.56	1.66
13.50	1.21	15,422	152.55	1.51
13.60	1.10	15,316	152.53	1.38
13.70	1.01	15,217	152.52	1.27
13.80	0.96	15,130	152.51	1.17
13.90	0.93	15,061	152.50	1.10
14.00	0.90	15,006	152.49	1.04
14.10	0.87	14,960	152.48	0.98
14.20	0.84	14,921	152.48	0.94
14.30	0.81	14,886	152.47	0.91
14.40	0.78	14,852	152.47	0.87
14.50	0.75	14,819	152.46	0.84
14.60	0.72	14,787	152.46	0.81
14.70	0.70	14,755	152.45	0.78
14.80	0.67	14,723	152.45	0.75
14.90	0.64	14,691	152.44	0.73
15.00	0.61	14,660	152.44	0.70
15.10	0.58	14,628	152.44	0.67
15.20	0.56	14,597	152.43	0.64
15.30	0.54	14,570	152.43	0.61
15.40	0.53	14,547	152.42	0.59
15.50	0.53	14,528	152.42	0.57

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.52	14,513	152.42	0.56
15.70	0.51	14,498	152.42	0.55
15.80	0.50	14,485	152.42	0.54
15.90	0.50	14,472	152.41	0.53
16.00	0.49	14,459	152.41	0.52
16.10	0.48	14,447	152.41	0.51
16.20	0.47	14,435	152.41	0.51
16.30	0.47	14,423	152.41	0.50
16.40	0.46	14,412	152.41	0.49
16.50	0.45	14,400	152.40	0.48
16.60	0.44	14,388	152.40	0.47
16.70	0.44	14,377	152.40	0.47
16.80	0.43	14,365	152.40	0.46
16.90	0.42	14,354	152.40	0.45
17.00	0.41	14,343	152.40	0.44
17.10	0.40	14,331	152.39	0.44
17.20	0.40	14,320	152.39	0.43
17.30	0.39	14,309	152.39	0.42
17.40	0.38	14,297	152.39	0.41
17.50	0.37	14,286	152.39	0.40
17.60	0.37	14,275	152.39	0.40
17.70	0.36	14,263	152.39	0.39
17.80	0.35	14,252	152.38	0.38
17.90	0.34	14,241	152.38	0.37
18.00	0.33	14,229	152.38	0.37
18.10	0.33	14,218	152.38	0.36
18.20	0.32	14,207	152.38	0.35
18.30	0.32	14,197	152.38	0.34
18.40	0.31	14,188	152.37	0.34
18.50	0.31	14,180	152.37	0.33
18.60	0.31	14,174	152.37	0.33
18.70	0.31	14,168	152.37	0.32
18.80	0.31	14,163	152.37	0.32
18.90	0.30	14,158	152.37	0.32
19.00	0.30	14,154	152.37	0.31
19.10	0.30	14,150	152.37	0.31
19.20	0.30	14,146	152.37	0.31
19.30	0.30	14,143	152.37	0.31
19.40	0.30	14,140	152.37	0.30
19.50	0.29	14,136	152.37	0.30
19.60	0.29	14,133	152.37	0.30
19.70	0.29	14,130	152.37	0.30
19.80	0.29	14,127	152.37	0.30
19.90	0.29	14,124	152.37	0.29
20.00	0.28	14,122	152.37	0.29
20.10	0.28	14,119	152.37	0.29
20.20	0.28	14,116	152.36	0.29
20.30	0.28	14,112	152.36	0.29
20.40	0.28	14,109	152.36	0.29
20.50	0.27	14,105	152.36	0.28
20.60	0.27	14,101	152.36	0.28
20.70	0.27	14,097	152.36	0.28

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	14,093	152.36	0.28
20.90	0.27	14,088	152.36	0.28
21.00	0.26	14,084	152.36	0.28
21.10	0.26	14,079	152.36	0.28
21.20	0.26	14,074	152.36	0.27
21.30	0.26	14,069	152.36	0.27
21.40	0.26	14,064	152.36	0.27
21.50	0.25	14,060	152.36	0.27
21.60	0.25	14,054	152.36	0.27
21.70	0.25	14,049	152.36	0.27
21.80	0.25	14,044	152.35	0.26
21.90	0.25	14,039	152.35	0.26
22.00	0.24	14,034	152.35	0.26
22.10	0.24	14,028	152.35	0.26
22.20	0.24	14,023	152.35	0.26
22.30	0.24	14,018	152.35	0.25
22.40	0.24	14,013	152.35	0.25
22.50	0.23	14,007	152.35	0.25
22.60	0.23	14,002	152.35	0.25
22.70	0.23	13,996	152.35	0.25
22.80	0.23	13,991	152.35	0.24
22.90	0.23	13,985	152.35	0.24
23.00	0.23	13,980	152.35	0.24
23.10	0.22	13,974	152.34	0.24
23.20	0.22	13,969	152.34	0.24
23.30	0.22	13,963	152.34	0.23
23.40	0.22	13,958	152.34	0.23
23.50	0.22	13,952	152.34	0.23
23.60	0.21	13,947	152.34	0.23
23.70	0.21	13,941	152.34	0.23
23.80	0.21	13,936	152.34	0.23
23.90	0.21	13,930	152.34	0.22
24.00	0.22	13,926	152.34	0.22
24.10	0.19	13,923	152.34	0.22
24.20	0.05	13,887	152.33	0.21
24.30	0.01	13,824	152.32	0.20
24.40	0.00	13,754	152.31	0.20
24.50	0.00	13,683	152.30	0.20
24.60	0.00	13,611	152.29	0.20
24.70	0.00	13,539	152.28	0.20
24.80	0.00	13,468	152.27	0.20
24.90	0.00	13,397	152.26	0.20
25.00	0.00	13,326	152.25	0.20
25.10	0.00	13,256	152.24	0.20
25.20	0.00	13,186	152.23	0.19
25.30	0.00	13,116	152.22	0.19
25.40	0.00	13,046	152.21	0.19
25.50	0.00	12,976	152.20	0.19
25.60	0.00	12,907	152.19	0.19
25.70	0.00	12,838	152.18	0.19
25.80	0.00	12,769	152.17	0.19
25.90	0.00	12,701	152.16	0.19

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,632	152.15	0.19
26.10	0.00	12,564	152.14	0.19
26.20	0.00	12,497	152.13	0.19
26.30	0.00	12,429	152.12	0.19
26.40	0.00	12,362	152.11	0.19
26.50	0.00	12,295	152.10	0.19
26.60	0.00	12,228	152.10	0.19
26.70	0.00	12,162	152.09	0.18
26.80	0.00	12,096	152.08	0.18
26.90	0.00	12,030	152.07	0.18
27.00	0.00	11,964	152.06	0.18
27.10	0.00	11,898	152.05	0.18
27.20	0.00	11,833	152.04	0.18
27.30	0.00	11,768	152.03	0.18
27.40	0.00	11,704	152.02	0.18
27.50	0.00	11,639	152.01	0.18
27.60	0.00	11,575	152.00	0.18
27.70	0.00	11,511	151.99	0.18
27.80	0.00	11,447	151.98	0.18
27.90	0.00	11,384	151.97	0.18
28.00	0.00	11,321	151.96	0.18
28.10	0.00	11,258	151.95	0.17
28.20	0.00	11,195	151.94	0.17
28.30	0.00	11,133	151.93	0.17
28.40	0.00	11,071	151.92	0.17
28.50	0.00	11,009	151.91	0.17
28.60	0.00	10,947	151.91	0.17
28.70	0.00	10,886	151.90	0.17
28.80	0.00	10,825	151.89	0.17
28.90	0.00	10,764	151.88	0.17
29.00	0.00	10,704	151.87	0.17
29.10	0.00	10,643	151.86	0.17
29.20	0.00	10,583	151.85	0.17
29.30	0.00	10,524	151.84	0.17
29.40	0.00	10,464	151.83	0.16
29.50	0.00	10,405	151.82	0.16
29.60	0.00	10,346	151.81	0.16
29.70	0.00	10,287	151.81	0.16
29.80	0.00	10,229	151.80	0.16
29.90	0.00	10,171	151.79	0.16
30.00	0.00	10,113	151.78	0.16
30.10	0.00	10,055	151.77	0.16
30.20	0.00	9,998	151.76	0.16
30.30	0.00	9,941	151.75	0.16
30.40	0.00	9,884	151.74	0.16
30.50	0.00	9,828	151.74	0.16
30.60	0.00	9,771	151.73	0.16
30.70	0.00	9,715	151.72	0.16
30.80	0.00	9,660	151.71	0.15
30.90	0.00	9,604	151.70	0.15
31.00	0.00	9,549	151.69	0.15
31.10	0.00	9,494	151.68	0.15

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,439	151.68	0.15
31.30	0.00	9,385	151.67	0.15
31.40	0.00	9,331	151.66	0.15
31.50	0.00	9,277	151.65	0.15
31.60	0.00	9,223	151.64	0.15
31.70	0.00	9,170	151.63	0.15
31.80	0.00	9,117	151.63	0.15
31.90	0.00	9,064	151.62	0.15
32.00	0.00	9,012	151.61	0.15
32.10	0.00	8,960	151.60	0.14
32.20	0.00	8,908	151.59	0.14
32.30	0.00	8,856	151.58	0.14
32.40	0.00	8,805	151.58	0.14
32.50	0.00	8,754	151.57	0.14
32.60	0.00	8,703	151.56	0.14
32.70	0.00	8,652	151.55	0.14
32.80	0.00	8,602	151.54	0.14
32.90	0.00	8,552	151.54	0.14
33.00	0.00	8,502	151.53	0.14
33.10	0.00	8,453	151.52	0.14
33.20	0.00	8,404	151.51	0.14
33.30	0.00	8,355	151.50	0.14
33.40	0.00	8,306	151.50	0.13
33.50	0.00	8,258	151.49	0.13
33.60	0.00	8,210	151.48	0.13
33.70	0.00	8,162	151.47	0.13
33.80	0.00	8,115	151.47	0.13
33.90	0.00	8,067	151.46	0.13
34.00	0.00	8,020	151.45	0.13
34.10	0.00	7,974	151.44	0.13
34.20	0.00	7,927	151.44	0.13
34.30	0.00	7,881	151.43	0.13
34.40	0.00	7,835	151.42	0.13
34.50	0.00	7,790	151.41	0.13
34.60	0.00	7,745	151.41	0.13
34.70	0.00	7,700	151.40	0.12
34.80	0.00	7,655	151.39	0.12
34.90	0.00	7,611	151.39	0.12
35.00	0.00	7,567	151.38	0.12
35.10	0.00	7,523	151.37	0.12
35.20	0.00	7,479	151.36	0.12
35.30	0.00	7,436	151.36	0.12
35.40	0.00	7,393	151.35	0.12
35.50	0.00	7,350	151.34	0.12
35.60	0.00	7,308	151.34	0.12
35.70	0.00	7,266	151.33	0.12
35.80	0.00	7,224	151.32	0.12
35.90	0.00	7,182	151.32	0.12
36.00	0.00	7,141	151.31	0.11
36.10	0.00	7,100	151.30	0.11
36.20	0.00	7,059	151.30	0.11
36.30	0.00	7,019	151.29	0.11

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,979	151.28	0.11
36.50	0.00	6,939	151.28	0.11
36.60	0.00	6,900	151.27	0.11
36.70	0.00	6,860	151.26	0.11
36.80	0.00	6,821	151.26	0.11
36.90	0.00	6,783	151.25	0.11
37.00	0.00	6,744	151.24	0.11
37.10	0.00	6,706	151.24	0.11
37.20	0.00	6,669	151.23	0.10
37.30	0.00	6,631	151.22	0.10
37.40	0.00	6,594	151.22	0.10
37.50	0.00	6,557	151.21	0.10
37.60	0.00	6,520	151.21	0.10
37.70	0.00	6,484	151.20	0.10
37.80	0.00	6,448	151.19	0.10
37.90	0.00	6,412	151.19	0.10
38.00	0.00	6,377	151.18	0.10
38.10	0.00	6,342	151.18	0.10
38.20	0.00	6,307	151.17	0.10
38.30	0.00	6,272	151.16	0.10
38.40	0.00	6,238	151.16	0.09
38.50	0.00	6,204	151.15	0.09
38.60	0.00	6,170	151.15	0.09
38.70	0.00	6,137	151.14	0.09
38.80	0.00	6,104	151.14	0.09
38.90	0.00	6,071	151.13	0.09
39.00	0.00	6,038	151.12	0.09
39.10	0.00	6,006	151.12	0.09
39.20	0.00	5,974	151.11	0.09
39.30	0.00	5,943	151.11	0.09
39.40	0.00	5,911	151.10	0.09
39.50	0.00	5,880	151.10	0.09
39.60	0.00	5,850	151.09	0.08
39.70	0.00	5,819	151.09	0.08
39.80	0.00	5,789	151.08	0.08
39.90	0.00	5,759	151.08	0.08
40.00	0.00	5,730	151.07	0.08

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 6.27" for Current 100 yr event
 Inflow = 15.88 cfs @ 12.17 hrs, Volume= 1.286 af
 Outflow = 11.08 cfs @ 12.27 hrs, Volume= 1.163 af, Atten= 30%, Lag= 6.1 min
 Primary = 11.08 cfs @ 12.27 hrs, Volume= 1.163 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 150.38' @ 12.27 hrs Surf.Area= 9,431 sf Storage= 19,416 cf

Plug-Flow detention time= 239.7 min calculated for 1.163 af (90% of inflow)
 Center-of-Mass det. time= 189.9 min (978.0 - 788.0)

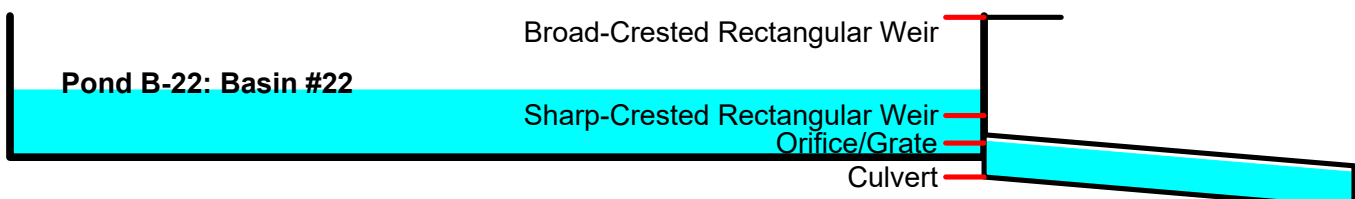
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

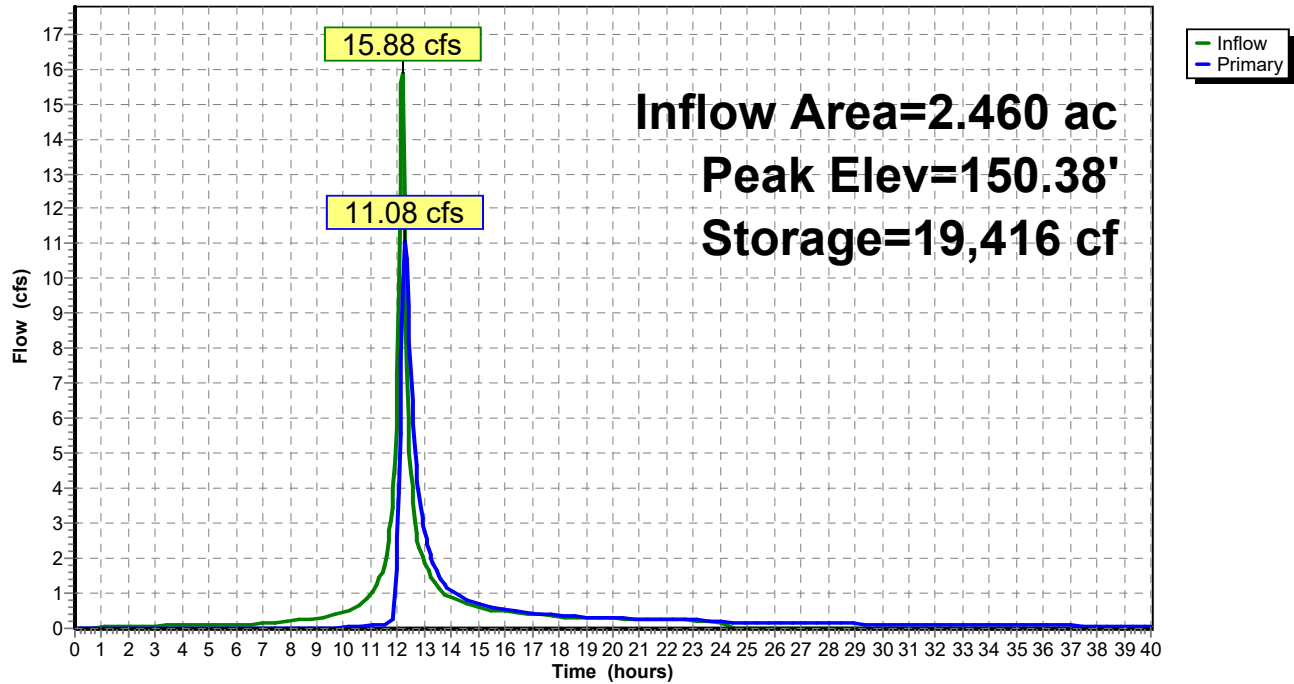
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=10.93 cfs @ 12.27 hrs HW=150.37' (Free Discharge)

1=Culvert (Passes 10.93 cfs of 12.97 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.40 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 10.71 cfs @ 3.11 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-22: Basin #22**Hydrograph**

Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	0	148.00	0.00
0.60	0.00	0	148.00	0.00
0.70	0.01	2	148.00	0.00
0.80	0.01	5	148.00	0.00
0.90	0.02	10	148.00	0.00
1.00	0.02	17	148.00	0.00
1.10	0.03	26	148.00	0.00
1.20	0.03	36	148.01	0.00
1.30	0.03	47	148.01	0.00
1.40	0.04	60	148.01	0.00
1.50	0.04	73	148.01	0.00
1.60	0.04	88	148.01	0.00
1.70	0.05	104	148.01	0.00
1.80	0.05	121	148.02	0.00
1.90	0.05	139	148.02	0.00
2.00	0.05	157	148.02	0.00
2.10	0.06	177	148.03	0.00
2.20	0.06	197	148.03	0.00
2.30	0.06	218	148.03	0.00
2.40	0.06	240	148.03	0.00
2.50	0.06	262	148.04	0.00
2.60	0.06	285	148.04	0.00
2.70	0.07	308	148.04	0.00
2.80	0.07	333	148.05	0.00
2.90	0.07	357	148.05	0.00
3.00	0.07	383	148.06	0.00
3.10	0.07	409	148.06	0.00
3.20	0.07	435	148.06	0.00
3.30	0.08	462	148.07	0.00
3.40	0.08	489	148.07	0.00
3.50	0.08	517	148.07	0.00
3.60	0.08	545	148.08	0.00
3.70	0.08	574	148.08	0.00
3.80	0.08	603	148.09	0.00
3.90	0.08	633	148.09	0.00
4.00	0.08	663	148.09	0.00
4.10	0.09	693	148.10	0.00
4.20	0.09	724	148.10	0.00
4.30	0.09	755	148.11	0.00
4.40	0.09	787	148.11	0.00
4.50	0.09	819	148.12	0.00
4.60	0.09	851	148.12	0.00
4.70	0.09	884	148.13	0.00
4.80	0.09	917	148.13	0.00
4.90	0.09	950	148.14	0.00
5.00	0.09	984	148.14	0.00
5.10	0.10	1,018	148.15	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,053	148.15	0.00
5.30	0.10	1,088	148.16	0.00
5.40	0.10	1,123	148.16	0.00
5.50	0.10	1,158	148.17	0.00
5.60	0.10	1,194	148.17	0.00
5.70	0.10	1,230	148.18	0.00
5.80	0.10	1,267	148.18	0.00
5.90	0.10	1,304	148.19	0.00
6.00	0.10	1,341	148.19	0.00
6.10	0.11	1,379	148.20	0.00
6.20	0.11	1,417	148.20	0.00
6.30	0.11	1,456	148.21	0.00
6.40	0.11	1,496	148.21	0.00
6.50	0.12	1,538	148.22	0.00
6.60	0.12	1,581	148.22	0.00
6.70	0.13	1,626	148.23	0.00
6.80	0.13	1,674	148.24	0.00
6.90	0.14	1,722	148.24	0.00
7.00	0.14	1,773	148.25	0.00
7.10	0.15	1,826	148.26	0.00
7.20	0.16	1,881	148.27	0.00
7.30	0.16	1,938	148.27	0.00
7.40	0.17	1,997	148.28	0.00
7.50	0.17	2,059	148.29	0.00
7.60	0.18	2,122	148.30	0.00
7.70	0.19	2,188	148.31	0.00
7.80	0.19	2,256	148.32	0.00
7.90	0.20	2,326	148.33	0.00
8.00	0.21	2,399	148.34	0.00
8.10	0.21	2,474	148.35	0.00
8.20	0.22	2,551	148.36	0.00
8.30	0.23	2,631	148.37	0.00
8.40	0.23	2,714	148.38	0.00
8.50	0.24	2,798	148.39	0.00
8.60	0.25	2,886	148.40	0.00
8.70	0.25	2,976	148.42	0.00
8.80	0.26	3,069	148.43	0.00
8.90	0.27	3,164	148.44	0.00
9.00	0.28	3,262	148.46	0.00
9.10	0.29	3,363	148.47	0.00
9.20	0.30	3,469	148.48	0.00
9.30	0.32	3,582	148.50	0.00
9.40	0.34	3,701	148.51	0.00
9.50	0.36	3,828	148.53	0.00
9.60	0.38	3,961	148.55	0.00
9.70	0.41	4,100	148.57	0.01
9.80	0.43	4,246	148.59	0.01
9.90	0.45	4,399	148.61	0.02
10.00	0.48	4,557	148.63	0.03
10.10	0.50	4,721	148.65	0.03
10.20	0.52	4,891	148.67	0.04
10.30	0.55	5,067	148.70	0.05

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.57	5,250	148.72	0.06
10.50	0.60	5,440	148.74	0.06
10.60	0.64	5,639	148.77	0.07
10.70	0.71	5,856	148.80	0.07
10.80	0.79	6,099	148.83	0.08
10.90	0.88	6,369	148.86	0.08
11.00	0.96	6,669	148.90	0.09
11.10	1.07	7,001	148.95	0.10
11.20	1.22	7,378	148.99	0.10
11.30	1.39	7,810	149.05	0.11
11.40	1.57	8,301	149.11	0.12
11.50	1.74	8,852	149.18	0.12
11.60	2.12	9,487	149.25	0.13
11.70	2.82	10,334	149.36	0.14
11.80	3.46	11,397	149.48	0.19
11.90	4.73	12,657	149.63	1.02
12.00	7.28	14,130	149.80	2.63
12.10	12.55	16,186	150.03	5.55
12.20	15.36	18,728	150.31	9.83
12.30	9.35	19,326	150.37	10.91
12.40	6.03	18,392	150.27	9.23
12.50	4.44	17,276	150.15	7.31
12.60	3.60	16,373	150.05	5.84
12.70	2.72	15,613	149.97	4.67
12.80	2.35	15,003	149.90	3.79
12.90	2.12	14,555	149.85	3.18
13.00	1.91	14,217	149.81	2.74
13.10	1.71	13,945	149.78	2.40
13.20	1.53	13,713	149.75	2.12
13.30	1.40	13,518	149.73	1.90
13.40	1.29	13,353	149.71	1.71
13.50	1.18	13,210	149.70	1.56
13.60	1.07	13,080	149.68	1.43
13.70	0.99	12,959	149.67	1.30
13.80	0.94	12,855	149.65	1.20
13.90	0.91	12,772	149.64	1.12
14.00	0.88	12,703	149.64	1.06
14.10	0.85	12,644	149.63	1.00
14.20	0.82	12,592	149.62	0.96
14.30	0.80	12,547	149.62	0.92
14.40	0.77	12,505	149.61	0.88
14.50	0.74	12,466	149.61	0.84
14.60	0.71	12,429	149.60	0.81
14.70	0.68	12,394	149.60	0.78
14.80	0.65	12,358	149.60	0.75
14.90	0.63	12,323	149.59	0.73
15.00	0.60	12,287	149.59	0.70
15.10	0.57	12,250	149.58	0.67
15.20	0.55	12,213	149.58	0.64
15.30	0.53	12,180	149.58	0.62
15.40	0.52	12,151	149.57	0.60
15.50	0.52	12,127	149.57	0.58

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	12,106	149.57	0.56
15.70	0.50	12,087	149.56	0.55
15.80	0.49	12,071	149.56	0.54
15.90	0.49	12,056	149.56	0.53
16.00	0.48	12,042	149.56	0.52
16.10	0.47	12,029	149.56	0.51
16.20	0.46	12,017	149.56	0.50
16.30	0.46	12,005	149.56	0.49
16.40	0.45	11,994	149.55	0.48
16.50	0.44	11,983	149.55	0.47
16.60	0.43	11,972	149.55	0.46
16.70	0.43	11,961	149.55	0.46
16.80	0.42	11,950	149.55	0.45
16.90	0.41	11,939	149.55	0.44
17.00	0.40	11,927	149.55	0.44
17.10	0.40	11,915	149.54	0.43
17.20	0.39	11,903	149.54	0.42
17.30	0.38	11,890	149.54	0.42
17.40	0.37	11,877	149.54	0.41
17.50	0.37	11,864	149.54	0.40
17.60	0.36	11,851	149.54	0.40
17.70	0.35	11,837	149.54	0.39
17.80	0.34	11,824	149.53	0.38
17.90	0.34	11,810	149.53	0.37
18.00	0.33	11,796	149.53	0.37
18.10	0.32	11,783	149.53	0.36
18.20	0.31	11,769	149.53	0.35
18.30	0.31	11,756	149.53	0.34
18.40	0.31	11,745	149.52	0.34
18.50	0.31	11,735	149.52	0.33
18.60	0.30	11,726	149.52	0.33
18.70	0.30	11,718	149.52	0.32
18.80	0.30	11,711	149.52	0.32
18.90	0.30	11,705	149.52	0.32
19.00	0.30	11,699	149.52	0.31
19.10	0.30	11,694	149.52	0.31
19.20	0.29	11,689	149.52	0.31
19.30	0.29	11,684	149.52	0.30
19.40	0.29	11,679	149.52	0.30
19.50	0.29	11,675	149.52	0.30
19.60	0.29	11,671	149.52	0.30
19.70	0.28	11,666	149.52	0.30
19.80	0.28	11,662	149.52	0.29
19.90	0.28	11,659	149.51	0.29
20.00	0.28	11,655	149.51	0.29
20.10	0.28	11,651	149.51	0.29
20.20	0.27	11,648	149.51	0.28
20.30	0.27	11,644	149.51	0.28
20.40	0.27	11,640	149.51	0.28
20.50	0.27	11,637	149.51	0.28
20.60	0.27	11,633	149.51	0.28
20.70	0.27	11,630	149.51	0.28

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	11,626	149.51	0.27
20.90	0.26	11,623	149.51	0.27
21.00	0.26	11,619	149.51	0.27
21.10	0.26	11,615	149.51	0.27
21.20	0.26	11,612	149.51	0.27
21.30	0.25	11,608	149.51	0.26
21.40	0.25	11,605	149.51	0.26
21.50	0.25	11,602	149.51	0.26
21.60	0.25	11,598	149.51	0.26
21.70	0.25	11,594	149.51	0.26
21.80	0.24	11,591	149.51	0.25
21.90	0.24	11,587	149.51	0.25
22.00	0.24	11,584	149.51	0.25
22.10	0.24	11,580	149.51	0.25
22.20	0.24	11,577	149.51	0.25
22.30	0.24	11,573	149.50	0.24
22.40	0.23	11,570	149.50	0.24
22.50	0.23	11,566	149.50	0.24
22.60	0.23	11,563	149.50	0.24
22.70	0.23	11,559	149.50	0.24
22.80	0.23	11,556	149.50	0.24
22.90	0.22	11,552	149.50	0.23
23.00	0.22	11,549	149.50	0.23
23.10	0.22	11,545	149.50	0.23
23.20	0.22	11,542	149.50	0.23
23.30	0.22	11,538	149.50	0.23
23.40	0.21	11,535	149.50	0.22
23.50	0.21	11,531	149.50	0.22
23.60	0.21	11,527	149.50	0.22
23.70	0.21	11,523	149.50	0.22
23.80	0.21	11,518	149.50	0.22
23.90	0.20	11,514	149.50	0.22
24.00	0.21	11,510	149.50	0.22
24.10	0.18	11,508	149.50	0.22
24.20	0.05	11,472	149.49	0.21
24.30	0.01	11,411	149.49	0.19
24.40	0.00	11,348	149.48	0.17
24.50	0.00	11,290	149.47	0.16
24.60	0.00	11,235	149.46	0.15
24.70	0.00	11,180	149.46	0.15
24.80	0.00	11,125	149.45	0.15
24.90	0.00	11,071	149.45	0.15
25.00	0.00	11,017	149.44	0.15
25.10	0.00	10,963	149.43	0.15
25.20	0.00	10,910	149.43	0.15
25.30	0.00	10,856	149.42	0.15
25.40	0.00	10,803	149.41	0.15
25.50	0.00	10,750	149.41	0.15
25.60	0.00	10,697	149.40	0.15
25.70	0.00	10,644	149.39	0.15
25.80	0.00	10,592	149.39	0.15
25.90	0.00	10,540	149.38	0.14

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,488	149.38	0.14
26.10	0.00	10,436	149.37	0.14
26.20	0.00	10,384	149.36	0.14
26.30	0.00	10,333	149.36	0.14
26.40	0.00	10,282	149.35	0.14
26.50	0.00	10,231	149.34	0.14
26.60	0.00	10,180	149.34	0.14
26.70	0.00	10,130	149.33	0.14
26.80	0.00	10,079	149.33	0.14
26.90	0.00	10,029	149.32	0.14
27.00	0.00	9,979	149.31	0.14
27.10	0.00	9,930	149.31	0.14
27.20	0.00	9,880	149.30	0.14
27.30	0.00	9,831	149.30	0.14
27.40	0.00	9,782	149.29	0.14
27.50	0.00	9,733	149.28	0.14
27.60	0.00	9,684	149.28	0.13
27.70	0.00	9,636	149.27	0.13
27.80	0.00	9,588	149.27	0.13
27.90	0.00	9,540	149.26	0.13
28.00	0.00	9,492	149.26	0.13
28.10	0.00	9,445	149.25	0.13
28.20	0.00	9,397	149.24	0.13
28.30	0.00	9,350	149.24	0.13
28.40	0.00	9,303	149.23	0.13
28.50	0.00	9,256	149.23	0.13
28.60	0.00	9,210	149.22	0.13
28.70	0.00	9,164	149.21	0.13
28.80	0.00	9,118	149.21	0.13
28.90	0.00	9,072	149.20	0.13
29.00	0.00	9,026	149.20	0.13
29.10	0.00	8,981	149.19	0.13
29.20	0.00	8,935	149.19	0.13
29.30	0.00	8,890	149.18	0.12
29.40	0.00	8,846	149.18	0.12
29.50	0.00	8,801	149.17	0.12
29.60	0.00	8,757	149.16	0.12
29.70	0.00	8,713	149.16	0.12
29.80	0.00	8,669	149.15	0.12
29.90	0.00	8,625	149.15	0.12
30.00	0.00	8,582	149.14	0.12
30.10	0.00	8,538	149.14	0.12
30.20	0.00	8,495	149.13	0.12
30.30	0.00	8,452	149.13	0.12
30.40	0.00	8,410	149.12	0.12
30.50	0.00	8,367	149.12	0.12
30.60	0.00	8,325	149.11	0.12
30.70	0.00	8,283	149.11	0.12
30.80	0.00	8,241	149.10	0.12
30.90	0.00	8,200	149.10	0.12
31.00	0.00	8,159	149.09	0.11
31.10	0.00	8,117	149.09	0.11

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,077	149.08	0.11
31.30	0.00	8,036	149.08	0.11
31.40	0.00	7,995	149.07	0.11
31.50	0.00	7,955	149.07	0.11
31.60	0.00	7,915	149.06	0.11
31.70	0.00	7,875	149.06	0.11
31.80	0.00	7,836	149.05	0.11
31.90	0.00	7,796	149.05	0.11
32.00	0.00	7,757	149.04	0.11
32.10	0.00	7,718	149.04	0.11
32.20	0.00	7,680	149.03	0.11
32.30	0.00	7,641	149.03	0.11
32.40	0.00	7,603	149.02	0.11
32.50	0.00	7,565	149.02	0.11
32.60	0.00	7,527	149.01	0.10
32.70	0.00	7,489	149.01	0.10
32.80	0.00	7,452	149.00	0.10
32.90	0.00	7,415	149.00	0.10
33.00	0.00	7,378	148.99	0.10
33.10	0.00	7,341	148.99	0.10
33.20	0.00	7,305	148.98	0.10
33.30	0.00	7,268	148.98	0.10
33.40	0.00	7,232	148.97	0.10
33.50	0.00	7,197	148.97	0.10
33.60	0.00	7,161	148.97	0.10
33.70	0.00	7,125	148.96	0.10
33.80	0.00	7,090	148.96	0.10
33.90	0.00	7,055	148.95	0.10
34.00	0.00	7,021	148.95	0.10
34.10	0.00	6,986	148.94	0.10
34.20	0.00	6,952	148.94	0.09
34.30	0.00	6,918	148.93	0.09
34.40	0.00	6,884	148.93	0.09
34.50	0.00	6,850	148.93	0.09
34.60	0.00	6,817	148.92	0.09
34.70	0.00	6,784	148.92	0.09
34.80	0.00	6,751	148.91	0.09
34.90	0.00	6,718	148.91	0.09
35.00	0.00	6,685	148.91	0.09
35.10	0.00	6,653	148.90	0.09
35.20	0.00	6,621	148.90	0.09
35.30	0.00	6,589	148.89	0.09
35.40	0.00	6,558	148.89	0.09
35.50	0.00	6,526	148.88	0.09
35.60	0.00	6,495	148.88	0.09
35.70	0.00	6,464	148.88	0.09
35.80	0.00	6,433	148.87	0.09
35.90	0.00	6,403	148.87	0.08
36.00	0.00	6,373	148.87	0.08
36.10	0.00	6,343	148.86	0.08
36.20	0.00	6,313	148.86	0.08
36.30	0.00	6,283	148.85	0.08

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,254	148.85	0.08
36.50	0.00	6,224	148.85	0.08
36.60	0.00	6,196	148.84	0.08
36.70	0.00	6,167	148.84	0.08
36.80	0.00	6,138	148.84	0.08
36.90	0.00	6,110	148.83	0.08
37.00	0.00	6,082	148.83	0.08
37.10	0.00	6,054	148.82	0.08
37.20	0.00	6,027	148.82	0.08
37.30	0.00	5,999	148.82	0.08
37.40	0.00	5,972	148.81	0.08
37.50	0.00	5,945	148.81	0.07
37.60	0.00	5,919	148.81	0.07
37.70	0.00	5,892	148.80	0.07
37.80	0.00	5,866	148.80	0.07
37.90	0.00	5,840	148.80	0.07
38.00	0.00	5,814	148.79	0.07
38.10	0.00	5,789	148.79	0.07
38.20	0.00	5,763	148.79	0.07
38.30	0.00	5,738	148.78	0.07
38.40	0.00	5,713	148.78	0.07
38.50	0.00	5,689	148.78	0.07
38.60	0.00	5,664	148.77	0.07
38.70	0.00	5,640	148.77	0.07
38.80	0.00	5,616	148.77	0.07
38.90	0.00	5,592	148.76	0.07
39.00	0.00	5,569	148.76	0.06
39.10	0.00	5,546	148.76	0.06
39.20	0.00	5,523	148.76	0.06
39.30	0.00	5,500	148.75	0.06
39.40	0.00	5,477	148.75	0.06
39.50	0.00	5,455	148.75	0.06
39.60	0.00	5,432	148.74	0.06
39.70	0.00	5,411	148.74	0.06
39.80	0.00	5,389	148.74	0.06
39.90	0.00	5,367	148.74	0.06
40.00	0.00	5,346	148.73	0.06

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 6.29" for Current 100 yr event
 Inflow = 15.83 cfs @ 12.17 hrs, Volume= 1.283 af
 Outflow = 11.93 cfs @ 12.26 hrs, Volume= 1.195 af, Atten= 25%, Lag= 5.3 min
 Primary = 11.93 cfs @ 12.26 hrs, Volume= 1.195 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.44' @ 12.26 hrs Surf.Area= 8,097 sf Storage= 16,549 cf

Plug-Flow detention time= 170.2 min calculated for 1.193 af (93% of inflow)
 Center-of-Mass det. time= 133.2 min (920.8 - 787.6)

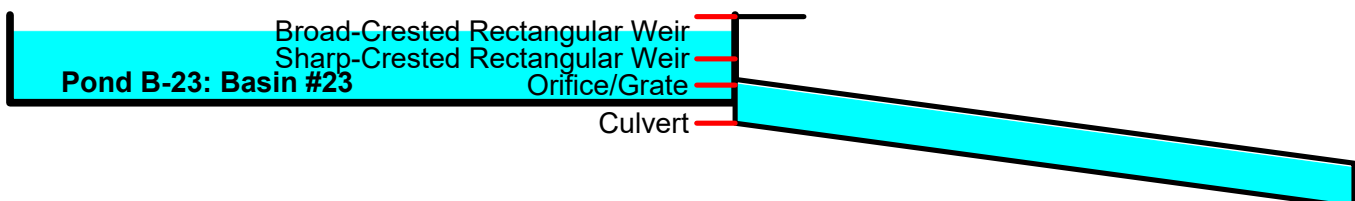
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

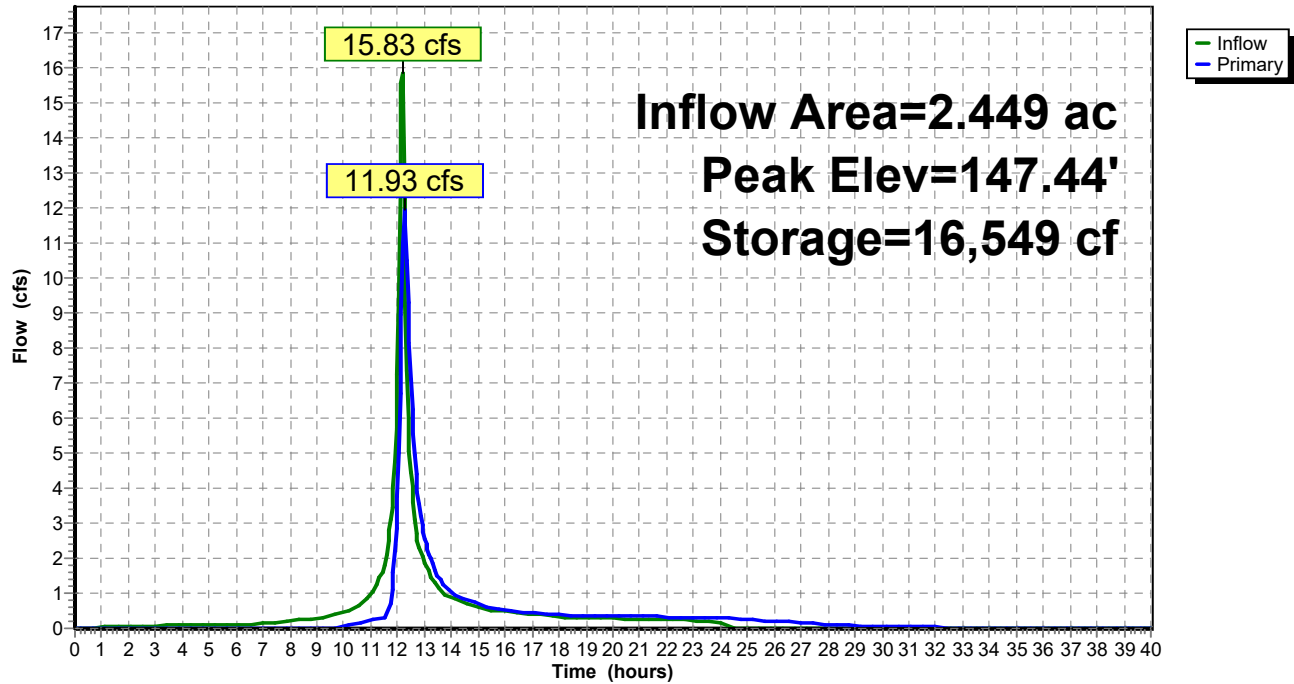
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=11.83 cfs @ 12.26 hrs HW=147.44' (Free Discharge)

1=Culvert (Passes 11.83 cfs of 13.14 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.54 cfs @ 6.20 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 11.28 cfs @ 3.16 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23**Hydrograph**

Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	0	145.00	0.00
0.60	0.00	0	145.00	0.00
0.70	0.01	2	145.00	0.00
0.80	0.01	5	145.00	0.00
0.90	0.02	10	145.00	0.00
1.00	0.02	17	145.00	0.00
1.10	0.03	26	145.00	0.00
1.20	0.03	36	145.01	0.00
1.30	0.03	48	145.01	0.00
1.40	0.04	60	145.01	0.00
1.50	0.04	74	145.01	0.00
1.60	0.04	89	145.02	0.00
1.70	0.05	105	145.02	0.00
1.80	0.05	122	145.02	0.00
1.90	0.05	140	145.03	0.00
2.00	0.05	159	145.03	0.00
2.10	0.06	179	145.03	0.00
2.20	0.06	199	145.04	0.00
2.30	0.06	220	145.04	0.00
2.40	0.06	242	145.04	0.00
2.50	0.06	265	145.05	0.00
2.60	0.07	288	145.05	0.00
2.70	0.07	312	145.06	0.00
2.80	0.07	336	145.06	0.00
2.90	0.07	361	145.07	0.00
3.00	0.07	387	145.07	0.00
3.10	0.07	413	145.07	0.00
3.20	0.07	440	145.08	0.00
3.30	0.08	467	145.08	0.00
3.40	0.08	494	145.09	0.00
3.50	0.08	522	145.09	0.00
3.60	0.08	551	145.10	0.00
3.70	0.08	580	145.10	0.00
3.80	0.08	610	145.11	0.00
3.90	0.08	640	145.11	0.00
4.00	0.08	670	145.12	0.00
4.10	0.09	701	145.13	0.00
4.20	0.09	732	145.13	0.00
4.30	0.09	763	145.14	0.00
4.40	0.09	795	145.14	0.00
4.50	0.09	828	145.15	0.00
4.60	0.09	860	145.15	0.00
4.70	0.09	894	145.16	0.00
4.80	0.09	927	145.17	0.00
4.90	0.09	961	145.17	0.00
5.00	0.10	995	145.18	0.00
5.10	0.10	1,030	145.18	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,064	145.19	0.00
5.30	0.10	1,100	145.20	0.00
5.40	0.10	1,135	145.20	0.00
5.50	0.10	1,171	145.21	0.00
5.60	0.10	1,208	145.21	0.00
5.70	0.10	1,244	145.22	0.00
5.80	0.10	1,281	145.23	0.00
5.90	0.10	1,318	145.23	0.00
6.00	0.10	1,356	145.24	0.00
6.10	0.11	1,394	145.25	0.00
6.20	0.11	1,432	145.25	0.00
6.30	0.11	1,472	145.26	0.00
6.40	0.11	1,513	145.27	0.00
6.50	0.12	1,555	145.28	0.00
6.60	0.12	1,599	145.28	0.00
6.70	0.13	1,644	145.29	0.00
6.80	0.13	1,692	145.30	0.00
6.90	0.14	1,741	145.31	0.00
7.00	0.15	1,793	145.32	0.00
7.10	0.15	1,846	145.33	0.00
7.20	0.16	1,901	145.33	0.00
7.30	0.16	1,959	145.34	0.00
7.40	0.17	2,018	145.35	0.00
7.50	0.17	2,080	145.37	0.00
7.60	0.18	2,144	145.38	0.00
7.70	0.19	2,210	145.39	0.00
7.80	0.19	2,279	145.40	0.00
7.90	0.20	2,349	145.41	0.00
8.00	0.21	2,422	145.42	0.00
8.10	0.21	2,498	145.44	0.00
8.20	0.22	2,576	145.45	0.00
8.30	0.23	2,656	145.46	0.00
8.40	0.23	2,739	145.48	0.00
8.50	0.24	2,824	145.49	0.00
8.60	0.25	2,912	145.50	0.00
8.70	0.25	3,003	145.52	0.00
8.80	0.26	3,096	145.54	0.00
8.90	0.27	3,191	145.55	0.00
9.00	0.28	3,290	145.57	0.00
9.10	0.29	3,391	145.58	0.00
9.20	0.30	3,498	145.60	0.00
9.30	0.32	3,611	145.62	0.00
9.40	0.34	3,730	145.64	0.00
9.50	0.36	3,856	145.66	0.01
9.60	0.39	3,987	145.68	0.01
9.70	0.41	4,124	145.70	0.02
9.80	0.43	4,265	145.73	0.03
9.90	0.45	4,410	145.75	0.04
10.00	0.48	4,559	145.77	0.06
10.10	0.50	4,711	145.80	0.07
10.20	0.52	4,866	145.82	0.09
10.30	0.55	5,023	145.85	0.11

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.57	5,182	145.87	0.13
10.50	0.60	5,345	145.90	0.14
10.60	0.64	5,512	145.92	0.16
10.70	0.71	5,694	145.95	0.18
10.80	0.79	5,898	145.98	0.19
10.90	0.88	6,126	146.02	0.21
11.00	0.96	6,381	146.06	0.22
11.10	1.07	6,663	146.10	0.24
11.20	1.22	6,987	146.15	0.26
11.30	1.39	7,361	146.20	0.27
11.40	1.56	7,790	146.27	0.29
11.50	1.74	8,275	146.34	0.31
11.60	2.12	8,838	146.42	0.34
11.70	2.82	9,602	146.53	0.42
11.80	3.45	10,454	146.65	1.11
11.90	4.72	11,324	146.76	2.18
12.00	7.26	12,376	146.91	3.77
12.10	12.52	14,014	147.12	6.70
12.20	15.31	16,116	147.39	10.99
12.30	9.32	16,367	147.42	11.54
12.40	6.01	15,309	147.29	9.29
12.50	4.43	14,220	147.15	7.10
12.60	3.59	13,404	147.04	5.55
12.70	2.71	12,744	146.96	4.38
12.80	2.34	12,230	146.89	3.53
12.90	2.11	11,866	146.84	2.96
13.00	1.90	11,596	146.80	2.56
13.10	1.70	11,380	146.77	2.25
13.20	1.52	11,194	146.75	2.00
13.30	1.40	11,037	146.73	1.80
13.40	1.29	10,905	146.71	1.63
13.50	1.18	10,788	146.69	1.49
13.60	1.07	10,680	146.68	1.36
13.70	0.98	10,579	146.66	1.25
13.80	0.94	10,492	146.65	1.15
13.90	0.90	10,422	146.64	1.08
14.00	0.88	10,365	146.63	1.02
14.10	0.85	10,317	146.63	0.97
14.20	0.82	10,275	146.62	0.93
14.30	0.79	10,237	146.62	0.89
14.40	0.76	10,201	146.61	0.86
14.50	0.74	10,167	146.61	0.83
14.60	0.71	10,133	146.60	0.80
14.70	0.68	10,100	146.60	0.77
14.80	0.65	10,068	146.59	0.74
14.90	0.62	10,036	146.59	0.71
15.00	0.59	10,003	146.58	0.69
15.10	0.57	9,969	146.58	0.66
15.20	0.54	9,935	146.57	0.64
15.30	0.53	9,903	146.57	0.61
15.40	0.52	9,877	146.56	0.59
15.50	0.51	9,854	146.56	0.57

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	9,835	146.56	0.56
15.70	0.50	9,817	146.56	0.55
15.80	0.49	9,800	146.55	0.54
15.90	0.48	9,784	146.55	0.53
16.00	0.48	9,769	146.55	0.52
16.10	0.47	9,755	146.55	0.51
16.20	0.46	9,741	146.55	0.50
16.30	0.46	9,727	146.54	0.49
16.40	0.45	9,714	146.54	0.48
16.50	0.44	9,700	146.54	0.48
16.60	0.43	9,687	146.54	0.47
16.70	0.43	9,675	146.54	0.46
16.80	0.42	9,662	146.53	0.45
16.90	0.41	9,649	146.53	0.44
17.00	0.40	9,637	146.53	0.44
17.10	0.40	9,624	146.53	0.43
17.20	0.39	9,611	146.53	0.43
17.30	0.38	9,596	146.53	0.42
17.40	0.37	9,581	146.52	0.42
17.50	0.36	9,565	146.52	0.41
17.60	0.36	9,548	146.52	0.40
17.70	0.35	9,531	146.52	0.40
17.80	0.34	9,514	146.51	0.39
17.90	0.33	9,496	146.51	0.39
18.00	0.33	9,477	146.51	0.38
18.10	0.32	9,458	146.51	0.37
18.20	0.31	9,439	146.50	0.37
18.30	0.31	9,421	146.50	0.36
18.40	0.31	9,403	146.50	0.36
18.50	0.31	9,385	146.50	0.36
18.60	0.30	9,366	146.49	0.36
18.70	0.30	9,347	146.49	0.35
18.80	0.30	9,328	146.49	0.35
18.90	0.30	9,308	146.48	0.35
19.00	0.30	9,288	146.48	0.35
19.10	0.29	9,267	146.48	0.35
19.20	0.29	9,246	146.48	0.35
19.30	0.29	9,225	146.47	0.35
19.40	0.29	9,203	146.47	0.35
19.50	0.29	9,181	146.47	0.35
19.60	0.28	9,158	146.46	0.35
19.70	0.28	9,135	146.46	0.35
19.80	0.28	9,112	146.46	0.35
19.90	0.28	9,088	146.45	0.35
20.00	0.28	9,064	146.45	0.34
20.10	0.28	9,040	146.45	0.34
20.20	0.27	9,015	146.44	0.34
20.30	0.27	8,990	146.44	0.34
20.40	0.27	8,964	146.44	0.34
20.50	0.27	8,939	146.43	0.34
20.60	0.27	8,912	146.43	0.34
20.70	0.27	8,886	146.42	0.34

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	8,859	146.42	0.34
20.90	0.26	8,832	146.42	0.34
21.00	0.26	8,805	146.41	0.34
21.10	0.26	8,777	146.41	0.33
21.20	0.25	8,749	146.40	0.33
21.30	0.25	8,720	146.40	0.33
21.40	0.25	8,692	146.40	0.33
21.50	0.25	8,663	146.39	0.33
21.60	0.25	8,634	146.39	0.33
21.70	0.24	8,604	146.38	0.33
21.80	0.24	8,575	146.38	0.33
21.90	0.24	8,545	146.38	0.33
22.00	0.24	8,515	146.37	0.32
22.10	0.24	8,484	146.37	0.32
22.20	0.24	8,453	146.36	0.32
22.30	0.23	8,423	146.36	0.32
22.40	0.23	8,391	146.35	0.32
22.50	0.23	8,360	146.35	0.32
22.60	0.23	8,328	146.34	0.32
22.70	0.23	8,296	146.34	0.32
22.80	0.22	8,264	146.33	0.31
22.90	0.22	8,232	146.33	0.31
23.00	0.22	8,199	146.33	0.31
23.10	0.22	8,167	146.32	0.31
23.20	0.22	8,134	146.32	0.31
23.30	0.21	8,100	146.31	0.31
23.40	0.21	8,067	146.31	0.31
23.50	0.21	8,034	146.30	0.30
23.60	0.21	8,000	146.30	0.30
23.70	0.21	7,966	146.29	0.30
23.80	0.21	7,932	146.29	0.30
23.90	0.20	7,898	146.28	0.30
24.00	0.21	7,865	146.28	0.30
24.10	0.18	7,833	146.27	0.30
24.20	0.05	7,767	146.26	0.29
24.30	0.01	7,673	146.25	0.29
24.40	0.00	7,572	146.23	0.28
24.50	0.00	7,471	146.22	0.28
24.60	0.00	7,371	146.20	0.27
24.70	0.00	7,273	146.19	0.27
24.80	0.00	7,177	146.17	0.27
24.90	0.00	7,083	146.16	0.26
25.00	0.00	6,990	146.15	0.26
25.10	0.00	6,899	146.13	0.25
25.20	0.00	6,809	146.12	0.25
25.30	0.00	6,721	146.11	0.24
25.40	0.00	6,635	146.09	0.24
25.50	0.00	6,551	146.08	0.23
25.60	0.00	6,469	146.07	0.23
25.70	0.00	6,388	146.06	0.22
25.80	0.00	6,309	146.04	0.22
25.90	0.00	6,231	146.03	0.21

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,156	146.02	0.21
26.10	0.00	6,082	146.01	0.20
26.20	0.00	6,010	146.00	0.20
26.30	0.00	5,939	145.99	0.19
26.40	0.00	5,871	145.98	0.19
26.50	0.00	5,804	145.97	0.18
26.60	0.00	5,739	145.96	0.18
26.70	0.00	5,675	145.95	0.17
26.80	0.00	5,614	145.94	0.17
26.90	0.00	5,554	145.93	0.16
27.00	0.00	5,495	145.92	0.16
27.10	0.00	5,439	145.91	0.15
27.20	0.00	5,384	145.90	0.15
27.30	0.00	5,332	145.89	0.14
27.40	0.00	5,281	145.89	0.14
27.50	0.00	5,232	145.88	0.13
27.60	0.00	5,186	145.87	0.13
27.70	0.00	5,141	145.86	0.12
27.80	0.00	5,097	145.86	0.12
27.90	0.00	5,056	145.85	0.11
28.00	0.00	5,016	145.84	0.11
28.10	0.00	4,978	145.84	0.10
28.20	0.00	4,942	145.83	0.10
28.30	0.00	4,907	145.83	0.10
28.40	0.00	4,873	145.82	0.09
28.50	0.00	4,840	145.82	0.09
28.60	0.00	4,809	145.81	0.08
28.70	0.00	4,779	145.81	0.08
28.80	0.00	4,751	145.80	0.08
28.90	0.00	4,723	145.80	0.08
29.00	0.00	4,697	145.79	0.07
29.10	0.00	4,671	145.79	0.07
29.20	0.00	4,646	145.79	0.07
29.30	0.00	4,623	145.78	0.06
29.40	0.00	4,600	145.78	0.06
29.50	0.00	4,578	145.78	0.06
29.60	0.00	4,557	145.77	0.06
29.70	0.00	4,537	145.77	0.06
29.80	0.00	4,517	145.77	0.05
29.90	0.00	4,498	145.76	0.05
30.00	0.00	4,479	145.76	0.05
30.10	0.00	4,462	145.76	0.05
30.20	0.00	4,444	145.75	0.05
30.30	0.00	4,428	145.75	0.05
30.40	0.00	4,412	145.75	0.04
30.50	0.00	4,396	145.75	0.04
30.60	0.00	4,381	145.74	0.04
30.70	0.00	4,367	145.74	0.04
30.80	0.00	4,353	145.74	0.04
30.90	0.00	4,339	145.74	0.04
31.00	0.00	4,326	145.74	0.04
31.10	0.00	4,313	145.73	0.04

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,300	145.73	0.03
31.30	0.00	4,288	145.73	0.03
31.40	0.00	4,277	145.73	0.03
31.50	0.00	4,265	145.73	0.03
31.60	0.00	4,254	145.72	0.03
31.70	0.00	4,243	145.72	0.03
31.80	0.00	4,233	145.72	0.03
31.90	0.00	4,223	145.72	0.03
32.00	0.00	4,213	145.72	0.03
32.10	0.00	4,203	145.72	0.03
32.20	0.00	4,194	145.71	0.03
32.30	0.00	4,185	145.71	0.03
32.40	0.00	4,176	145.71	0.02
32.50	0.00	4,167	145.71	0.02
32.60	0.00	4,159	145.71	0.02
32.70	0.00	4,150	145.71	0.02
32.80	0.00	4,142	145.71	0.02
32.90	0.00	4,134	145.70	0.02
33.00	0.00	4,127	145.70	0.02
33.10	0.00	4,119	145.70	0.02
33.20	0.00	4,112	145.70	0.02
33.30	0.00	4,105	145.70	0.02
33.40	0.00	4,098	145.70	0.02
33.50	0.00	4,091	145.70	0.02
33.60	0.00	4,084	145.70	0.02
33.70	0.00	4,078	145.70	0.02
33.80	0.00	4,071	145.69	0.02
33.90	0.00	4,065	145.69	0.02
34.00	0.00	4,059	145.69	0.02
34.10	0.00	4,053	145.69	0.02
34.20	0.00	4,048	145.69	0.02
34.30	0.00	4,042	145.69	0.02
34.40	0.00	4,037	145.69	0.02
34.50	0.00	4,031	145.69	0.01
34.60	0.00	4,026	145.69	0.01
34.70	0.00	4,021	145.69	0.01
34.80	0.00	4,016	145.69	0.01
34.90	0.00	4,011	145.68	0.01
35.00	0.00	4,006	145.68	0.01
35.10	0.00	4,001	145.68	0.01
35.20	0.00	3,996	145.68	0.01
35.30	0.00	3,991	145.68	0.01
35.40	0.00	3,987	145.68	0.01
35.50	0.00	3,982	145.68	0.01
35.60	0.00	3,978	145.68	0.01
35.70	0.00	3,974	145.68	0.01
35.80	0.00	3,969	145.68	0.01
35.90	0.00	3,965	145.68	0.01
36.00	0.00	3,961	145.68	0.01
36.10	0.00	3,957	145.68	0.01
36.20	0.00	3,953	145.68	0.01
36.30	0.00	3,949	145.67	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,945	145.67	0.01
36.50	0.00	3,941	145.67	0.01
36.60	0.00	3,938	145.67	0.01
36.70	0.00	3,934	145.67	0.01
36.80	0.00	3,931	145.67	0.01
36.90	0.00	3,927	145.67	0.01
37.00	0.00	3,924	145.67	0.01
37.10	0.00	3,920	145.67	0.01
37.20	0.00	3,917	145.67	0.01
37.30	0.00	3,914	145.67	0.01
37.40	0.00	3,910	145.67	0.01
37.50	0.00	3,907	145.67	0.01
37.60	0.00	3,904	145.67	0.01
37.70	0.00	3,901	145.67	0.01
37.80	0.00	3,898	145.67	0.01
37.90	0.00	3,895	145.67	0.01
38.00	0.00	3,892	145.67	0.01
38.10	0.00	3,890	145.66	0.01
38.20	0.00	3,887	145.66	0.01
38.30	0.00	3,884	145.66	0.01
38.40	0.00	3,881	145.66	0.01
38.50	0.00	3,879	145.66	0.01
38.60	0.00	3,876	145.66	0.01
38.70	0.00	3,874	145.66	0.01
38.80	0.00	3,871	145.66	0.01
38.90	0.00	3,869	145.66	0.01
39.00	0.00	3,866	145.66	0.01
39.10	0.00	3,864	145.66	0.01
39.20	0.00	3,862	145.66	0.01
39.30	0.00	3,859	145.66	0.01
39.40	0.00	3,857	145.66	0.01
39.50	0.00	3,855	145.66	0.01
39.60	0.00	3,853	145.66	0.01
39.70	0.00	3,851	145.66	0.01
39.80	0.00	3,848	145.66	0.01
39.90	0.00	3,846	145.66	0.01
40.00	0.00	3,844	145.66	0.01

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 6.40" for Current 100 yr event
 Inflow = 15.74 cfs @ 12.17 hrs, Volume= 1.284 af
 Outflow = 13.35 cfs @ 12.25 hrs, Volume= 1.185 af, Atten= 15%, Lag= 4.4 min
 Primary = 13.35 cfs @ 12.25 hrs, Volume= 1.185 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 148.13' @ 12.25 hrs Surf.Area= 10,547 sf Storage= 20,088 cf

Plug-Flow detention time= 208.0 min calculated for 1.184 af (92% of inflow)
 Center-of-Mass det. time= 167.0 min (951.4 - 784.4)

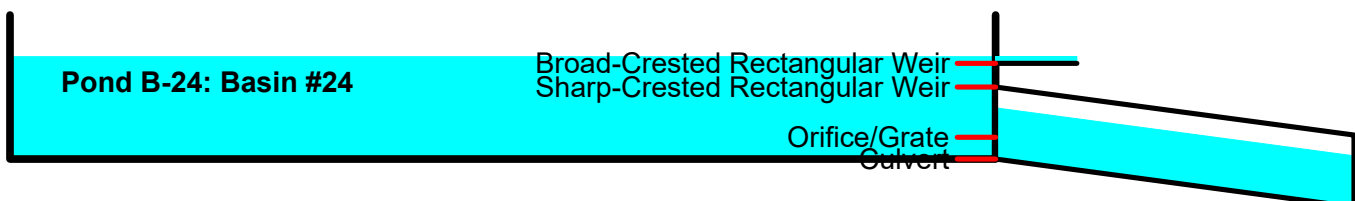
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

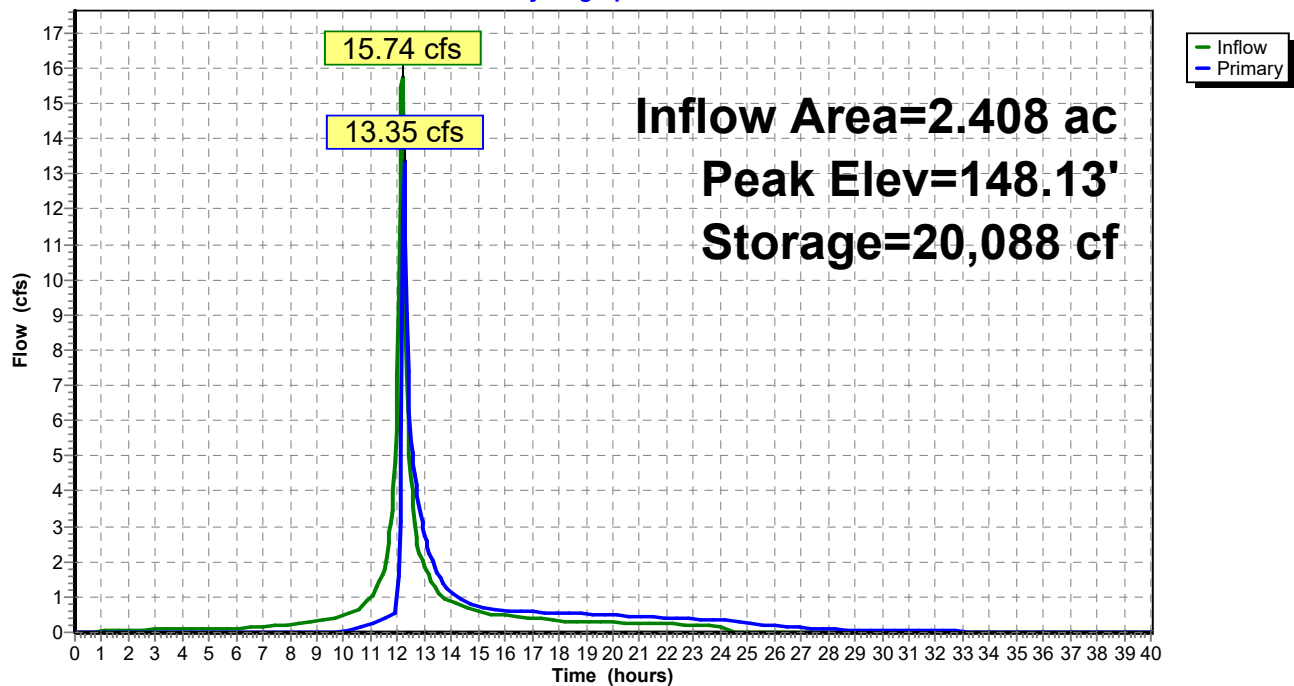
Primary OutFlow Max=13.19 cfs @ 12.25 hrs HW=148.13' (Free Discharge)

1=Culvert (Passes 7.11 cfs of 9.99 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.80 cfs @ 5.84 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 6.31 cfs @ 2.59 fps)
 4=Broad-Crested Rectangular Weir (Weir Controls 6.08 cfs @ 0.87 fps)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	0	146.00	0.00
0.60	0.00	0	146.00	0.00
0.70	0.01	2	146.00	0.00
0.80	0.01	6	146.00	0.00
0.90	0.02	11	146.00	0.00
1.00	0.02	19	146.00	0.00
1.10	0.03	29	146.00	0.00
1.20	0.03	40	146.00	0.00
1.30	0.04	52	146.01	0.00
1.40	0.04	66	146.01	0.00
1.50	0.04	81	146.01	0.00
1.60	0.05	98	146.01	0.00
1.70	0.05	116	146.01	0.00
1.80	0.05	134	146.02	0.00
1.90	0.06	154	146.02	0.00
2.00	0.06	175	146.02	0.00
2.10	0.06	196	146.02	0.00
2.20	0.06	219	146.03	0.00
2.30	0.07	242	146.03	0.00
2.40	0.07	266	146.03	0.00
2.50	0.07	291	146.03	0.00
2.60	0.07	316	146.04	0.00
2.70	0.07	342	146.04	0.00
2.80	0.08	369	146.04	0.00
2.90	0.08	396	146.05	0.00
3.00	0.08	425	146.05	0.00
3.10	0.08	453	146.05	0.00
3.20	0.08	482	146.06	0.00
3.30	0.08	512	146.06	0.00
3.40	0.08	542	146.06	0.00
3.50	0.09	573	146.07	0.00
3.60	0.09	605	146.07	0.00
3.70	0.09	637	146.08	0.00
3.80	0.09	669	146.08	0.00
3.90	0.09	702	146.08	0.00
4.00	0.09	735	146.09	0.00
4.10	0.09	769	146.09	0.00
4.20	0.10	803	146.10	0.00
4.30	0.10	838	146.10	0.00
4.40	0.10	873	146.10	0.00
4.50	0.10	908	146.11	0.00
4.60	0.10	944	146.11	0.00
4.70	0.10	981	146.12	0.00
4.80	0.10	1,017	146.12	0.00
4.90	0.10	1,054	146.13	0.00
5.00	0.10	1,092	146.13	0.00
5.10	0.11	1,130	146.13	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,168	146.14	0.00
5.30	0.11	1,207	146.14	0.00
5.40	0.11	1,246	146.15	0.00
5.50	0.11	1,285	146.15	0.00
5.60	0.11	1,325	146.16	0.00
5.70	0.11	1,365	146.16	0.00
5.80	0.11	1,406	146.17	0.00
5.90	0.11	1,447	146.17	0.00
6.00	0.12	1,488	146.18	0.00
6.10	0.12	1,529	146.18	0.00
6.20	0.12	1,572	146.19	0.00
6.30	0.12	1,615	146.19	0.00
6.40	0.13	1,660	146.20	0.00
6.50	0.13	1,706	146.20	0.00
6.60	0.14	1,754	146.21	0.00
6.70	0.14	1,804	146.21	0.00
6.80	0.15	1,855	146.22	0.00
6.90	0.15	1,909	146.23	0.00
7.00	0.16	1,965	146.23	0.00
7.10	0.16	2,022	146.24	0.00
7.20	0.17	2,082	146.25	0.00
7.30	0.17	2,144	146.25	0.00
7.40	0.18	2,208	146.26	0.00
7.50	0.19	2,274	146.27	0.00
7.60	0.19	2,342	146.28	0.00
7.70	0.20	2,412	146.28	0.00
7.80	0.21	2,485	146.29	0.00
7.90	0.21	2,560	146.30	0.00
8.00	0.22	2,638	146.31	0.00
8.10	0.23	2,717	146.32	0.00
8.20	0.23	2,800	146.33	0.00
8.30	0.24	2,884	146.34	0.00
8.40	0.25	2,972	146.35	0.00
8.50	0.25	3,061	146.36	0.00
8.60	0.26	3,153	146.37	0.00
8.70	0.27	3,248	146.38	0.00
8.80	0.27	3,346	146.39	0.00
8.90	0.28	3,446	146.40	0.00
9.00	0.29	3,548	146.42	0.00
9.10	0.30	3,654	146.43	0.00
9.20	0.32	3,765	146.44	0.00
9.30	0.34	3,882	146.45	0.00
9.40	0.36	4,006	146.47	0.00
9.50	0.38	4,137	146.48	0.00
9.60	0.40	4,275	146.50	0.01
9.70	0.42	4,419	146.51	0.01
9.80	0.44	4,569	146.53	0.02
9.90	0.47	4,724	146.55	0.03
10.00	0.49	4,885	146.57	0.04
10.10	0.51	5,050	146.59	0.05
10.20	0.54	5,219	146.60	0.06
10.30	0.56	5,393	146.62	0.08

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.59	5,569	146.64	0.09
10.50	0.61	5,749	146.66	0.11
10.60	0.65	5,933	146.68	0.13
10.70	0.72	6,130	146.71	0.15
10.80	0.80	6,346	146.73	0.17
10.90	0.89	6,583	146.76	0.20
11.00	0.98	6,842	146.78	0.23
11.10	1.09	7,125	146.81	0.26
11.20	1.24	7,444	146.85	0.29
11.30	1.40	7,811	146.89	0.32
11.40	1.58	8,229	146.93	0.34
11.50	1.75	8,700	146.98	0.38
11.60	2.14	9,245	147.04	0.41
11.70	2.83	9,992	147.12	0.45
11.80	3.47	10,945	147.22	0.49
11.90	4.73	12,216	147.35	0.55
12.00	7.26	14,099	147.55	0.75
12.10	12.47	16,931	147.83	3.11
12.20	15.21	19,895	148.11	11.93
12.30	9.25	19,801	148.10	11.24
12.40	5.96	19,184	148.04	7.40
12.50	4.39	18,733	148.00	5.43
12.60	3.56	18,340	147.96	4.78
12.70	2.69	17,840	147.92	4.16
12.80	2.32	17,344	147.87	3.58
12.90	2.09	16,934	147.83	3.11
13.00	1.88	16,593	147.79	2.75
13.10	1.68	16,300	147.76	2.45
13.20	1.51	16,039	147.74	2.19
13.30	1.38	15,809	147.72	1.98
13.40	1.27	15,608	147.70	1.80
13.50	1.17	15,428	147.68	1.64
13.60	1.06	15,262	147.66	1.51
13.70	0.97	15,107	147.65	1.38
13.80	0.93	14,969	147.63	1.28
13.90	0.89	14,852	147.62	1.19
14.00	0.87	14,752	147.61	1.13
14.10	0.84	14,665	147.60	1.07
14.20	0.81	14,587	147.59	1.02
14.30	0.78	14,517	147.59	0.97
14.40	0.75	14,451	147.58	0.93
14.50	0.73	14,388	147.57	0.90
14.60	0.70	14,328	147.57	0.86
14.70	0.67	14,270	147.56	0.83
14.80	0.64	14,213	147.56	0.80
14.90	0.62	14,156	147.55	0.78
15.00	0.59	14,098	147.55	0.75
15.10	0.56	14,039	147.54	0.72
15.20	0.54	13,981	147.53	0.70
15.30	0.52	13,925	147.53	0.68
15.40	0.52	13,871	147.52	0.66
15.50	0.51	13,820	147.52	0.65

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.50	13,771	147.51	0.63
15.70	0.49	13,724	147.51	0.62
15.80	0.49	13,679	147.50	0.61
15.90	0.48	13,634	147.50	0.60
16.00	0.47	13,589	147.49	0.60
16.10	0.46	13,542	147.49	0.60
16.20	0.46	13,492	147.48	0.60
16.30	0.45	13,441	147.48	0.59
16.40	0.44	13,388	147.47	0.59
16.50	0.43	13,333	147.47	0.59
16.60	0.43	13,276	147.46	0.59
16.70	0.42	13,217	147.46	0.59
16.80	0.41	13,156	147.45	0.58
16.90	0.40	13,093	147.44	0.58
17.00	0.40	13,028	147.44	0.58
17.10	0.39	12,962	147.43	0.58
17.20	0.38	12,894	147.42	0.57
17.30	0.38	12,824	147.42	0.57
17.40	0.37	12,752	147.41	0.57
17.50	0.36	12,679	147.40	0.57
17.60	0.35	12,604	147.39	0.56
17.70	0.35	12,528	147.39	0.56
17.80	0.34	12,449	147.38	0.56
17.90	0.33	12,370	147.37	0.55
18.00	0.32	12,289	147.36	0.55
18.10	0.32	12,206	147.35	0.55
18.20	0.31	12,122	147.34	0.54
18.30	0.31	12,037	147.34	0.54
18.40	0.30	11,953	147.33	0.54
18.50	0.30	11,869	147.32	0.53
18.60	0.30	11,786	147.31	0.53
18.70	0.30	11,704	147.30	0.53
18.80	0.30	11,622	147.29	0.52
18.90	0.29	11,540	147.28	0.52
19.00	0.29	11,460	147.28	0.52
19.10	0.29	11,379	147.27	0.51
19.20	0.29	11,300	147.26	0.51
19.30	0.29	11,221	147.25	0.51
19.40	0.28	11,142	147.24	0.50
19.50	0.28	11,065	147.23	0.50
19.60	0.28	10,987	147.23	0.49
19.70	0.28	10,911	147.22	0.49
19.80	0.28	10,835	147.21	0.49
19.90	0.28	10,760	147.20	0.48
20.00	0.27	10,685	147.20	0.48
20.10	0.27	10,611	147.19	0.48
20.20	0.27	10,537	147.18	0.47
20.30	0.27	10,464	147.17	0.47
20.40	0.27	10,391	147.16	0.47
20.50	0.26	10,319	147.16	0.46
20.60	0.26	10,248	147.15	0.46
20.70	0.26	10,177	147.14	0.46

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	10,107	147.13	0.45
20.90	0.26	10,038	147.13	0.45
21.00	0.25	9,969	147.12	0.45
21.10	0.25	9,900	147.11	0.44
21.20	0.25	9,833	147.11	0.44
21.30	0.25	9,765	147.10	0.44
21.40	0.25	9,699	147.09	0.43
21.50	0.25	9,633	147.08	0.43
21.60	0.24	9,567	147.08	0.43
21.70	0.24	9,503	147.07	0.42
21.80	0.24	9,438	147.06	0.42
21.90	0.24	9,375	147.06	0.41
22.00	0.24	9,312	147.05	0.41
22.10	0.23	9,249	147.04	0.41
22.20	0.23	9,187	147.04	0.40
22.30	0.23	9,126	147.03	0.40
22.40	0.23	9,065	147.02	0.40
22.50	0.23	9,005	147.02	0.39
22.60	0.23	8,945	147.01	0.39
22.70	0.22	8,886	147.00	0.39
22.80	0.22	8,828	147.00	0.38
22.90	0.22	8,770	146.99	0.38
23.00	0.22	8,713	146.99	0.38
23.10	0.22	8,656	146.98	0.37
23.20	0.21	8,600	146.97	0.37
23.30	0.21	8,544	146.97	0.37
23.40	0.21	8,489	146.96	0.36
23.50	0.21	8,435	146.96	0.36
23.60	0.21	8,381	146.95	0.35
23.70	0.20	8,328	146.95	0.35
23.80	0.20	8,276	146.94	0.35
23.90	0.20	8,224	146.93	0.34
24.00	0.21	8,173	146.93	0.34
24.10	0.18	8,125	146.92	0.34
24.20	0.05	8,044	146.91	0.33
24.30	0.01	7,936	146.90	0.32
24.40	0.00	7,823	146.89	0.32
24.50	0.00	7,711	146.88	0.31
24.60	0.00	7,601	146.87	0.30
24.70	0.00	7,495	146.86	0.29
24.80	0.00	7,391	146.84	0.28
24.90	0.00	7,290	146.83	0.28
25.00	0.00	7,193	146.82	0.27
25.10	0.00	7,098	146.81	0.26
25.20	0.00	7,007	146.80	0.25
25.30	0.00	6,920	146.79	0.24
25.40	0.00	6,836	146.78	0.23
25.50	0.00	6,754	146.77	0.22
25.60	0.00	6,677	146.77	0.21
25.70	0.00	6,602	146.76	0.20
25.80	0.00	6,530	146.75	0.20
25.90	0.00	6,461	146.74	0.19

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,395	146.73	0.18
26.10	0.00	6,331	146.73	0.17
26.20	0.00	6,270	146.72	0.17
26.30	0.00	6,211	146.71	0.16
26.40	0.00	6,155	146.71	0.15
26.50	0.00	6,101	146.70	0.15
26.60	0.00	6,048	146.70	0.14
26.70	0.00	5,998	146.69	0.14
26.80	0.00	5,950	146.69	0.13
26.90	0.00	5,904	146.68	0.13
27.00	0.00	5,859	146.68	0.12
27.10	0.00	5,816	146.67	0.12
27.20	0.00	5,774	146.67	0.11
27.30	0.00	5,734	146.66	0.11
27.40	0.00	5,696	146.66	0.11
27.50	0.00	5,658	146.65	0.10
27.60	0.00	5,622	146.65	0.10
27.70	0.00	5,588	146.65	0.09
27.80	0.00	5,554	146.64	0.09
27.90	0.00	5,522	146.64	0.09
28.00	0.00	5,491	146.63	0.09
28.10	0.00	5,460	146.63	0.08
28.20	0.00	5,431	146.63	0.08
28.30	0.00	5,403	146.62	0.08
28.40	0.00	5,375	146.62	0.08
28.50	0.00	5,349	146.62	0.07
28.60	0.00	5,323	146.62	0.07
28.70	0.00	5,298	146.61	0.07
28.80	0.00	5,274	146.61	0.07
28.90	0.00	5,250	146.61	0.06
29.00	0.00	5,227	146.61	0.06
29.10	0.00	5,205	146.60	0.06
29.20	0.00	5,184	146.60	0.06
29.30	0.00	5,163	146.60	0.06
29.40	0.00	5,143	146.60	0.06
29.50	0.00	5,123	146.59	0.05
29.60	0.00	5,104	146.59	0.05
29.70	0.00	5,085	146.59	0.05
29.80	0.00	5,067	146.59	0.05
29.90	0.00	5,049	146.59	0.05
30.00	0.00	5,032	146.58	0.05
30.10	0.00	5,015	146.58	0.05
30.20	0.00	4,999	146.58	0.04
30.30	0.00	4,983	146.58	0.04
30.40	0.00	4,968	146.58	0.04
30.50	0.00	4,953	146.57	0.04
30.60	0.00	4,938	146.57	0.04
30.70	0.00	4,924	146.57	0.04
30.80	0.00	4,910	146.57	0.04
30.90	0.00	4,896	146.57	0.04
31.00	0.00	4,883	146.57	0.04
31.10	0.00	4,870	146.57	0.04

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,857	146.56	0.03
31.30	0.00	4,845	146.56	0.03
31.40	0.00	4,833	146.56	0.03
31.50	0.00	4,821	146.56	0.03
31.60	0.00	4,809	146.56	0.03
31.70	0.00	4,798	146.56	0.03
31.80	0.00	4,787	146.56	0.03
31.90	0.00	4,776	146.55	0.03
32.00	0.00	4,765	146.55	0.03
32.10	0.00	4,754	146.55	0.03
32.20	0.00	4,744	146.55	0.03
32.30	0.00	4,734	146.55	0.03
32.40	0.00	4,724	146.55	0.03
32.50	0.00	4,715	146.55	0.03
32.60	0.00	4,706	146.55	0.03
32.70	0.00	4,696	146.55	0.03
32.80	0.00	4,687	146.54	0.02
32.90	0.00	4,679	146.54	0.02
33.00	0.00	4,670	146.54	0.02
33.10	0.00	4,662	146.54	0.02
33.20	0.00	4,653	146.54	0.02
33.30	0.00	4,645	146.54	0.02
33.40	0.00	4,637	146.54	0.02
33.50	0.00	4,630	146.54	0.02
33.60	0.00	4,622	146.54	0.02
33.70	0.00	4,615	146.54	0.02
33.80	0.00	4,607	146.54	0.02
33.90	0.00	4,600	146.53	0.02
34.00	0.00	4,593	146.53	0.02
34.10	0.00	4,586	146.53	0.02
34.20	0.00	4,579	146.53	0.02
34.30	0.00	4,572	146.53	0.02
34.40	0.00	4,565	146.53	0.02
34.50	0.00	4,559	146.53	0.02
34.60	0.00	4,552	146.53	0.02
34.70	0.00	4,546	146.53	0.02
34.80	0.00	4,540	146.53	0.02
34.90	0.00	4,533	146.53	0.02
35.00	0.00	4,527	146.53	0.02
35.10	0.00	4,521	146.53	0.02
35.20	0.00	4,515	146.53	0.02
35.30	0.00	4,510	146.52	0.02
35.40	0.00	4,504	146.52	0.02
35.50	0.00	4,498	146.52	0.02
35.60	0.00	4,493	146.52	0.02
35.70	0.00	4,487	146.52	0.01
35.80	0.00	4,482	146.52	0.01
35.90	0.00	4,477	146.52	0.01
36.00	0.00	4,472	146.52	0.01
36.10	0.00	4,467	146.52	0.01
36.20	0.00	4,462	146.52	0.01
36.30	0.00	4,457	146.52	0.01

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,452	146.52	0.01
36.50	0.00	4,447	146.52	0.01
36.60	0.00	4,442	146.52	0.01
36.70	0.00	4,438	146.52	0.01
36.80	0.00	4,433	146.52	0.01
36.90	0.00	4,429	146.52	0.01
37.00	0.00	4,424	146.51	0.01
37.10	0.00	4,420	146.51	0.01
37.20	0.00	4,416	146.51	0.01
37.30	0.00	4,412	146.51	0.01
37.40	0.00	4,408	146.51	0.01
37.50	0.00	4,404	146.51	0.01
37.60	0.00	4,400	146.51	0.01
37.70	0.00	4,396	146.51	0.01
37.80	0.00	4,392	146.51	0.01
37.90	0.00	4,388	146.51	0.01
38.00	0.00	4,384	146.51	0.01
38.10	0.00	4,381	146.51	0.01
38.20	0.00	4,377	146.51	0.01
38.30	0.00	4,373	146.51	0.01
38.40	0.00	4,370	146.51	0.01
38.50	0.00	4,366	146.51	0.01
38.60	0.00	4,363	146.51	0.01
38.70	0.00	4,359	146.51	0.01
38.80	0.00	4,356	146.51	0.01
38.90	0.00	4,353	146.51	0.01
39.00	0.00	4,349	146.51	0.01
39.10	0.00	4,346	146.51	0.01
39.20	0.00	4,343	146.51	0.01
39.30	0.00	4,340	146.51	0.01
39.40	0.00	4,336	146.51	0.01
39.50	0.00	4,333	146.50	0.01
39.60	0.00	4,330	146.50	0.01
39.70	0.00	4,327	146.50	0.01
39.80	0.00	4,324	146.50	0.01
39.90	0.00	4,321	146.50	0.01
40.00	0.00	4,318	146.50	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 6.33" for Current 100 yr event
 Inflow = 16.23 cfs @ 12.17 hrs, Volume= 1.318 af
 Outflow = 11.88 cfs @ 12.27 hrs, Volume= 1.227 af, Atten= 27%, Lag= 6.0 min
 Primary = 11.88 cfs @ 12.27 hrs, Volume= 1.227 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.92' @ 12.26 hrs Surf.Area= 7,355 sf Storage= 17,565 cf

Plug-Flow detention time= 166.3 min calculated for 1.227 af (93% of inflow)
 Center-of-Mass det. time= 128.0 min (914.4 - 786.4)

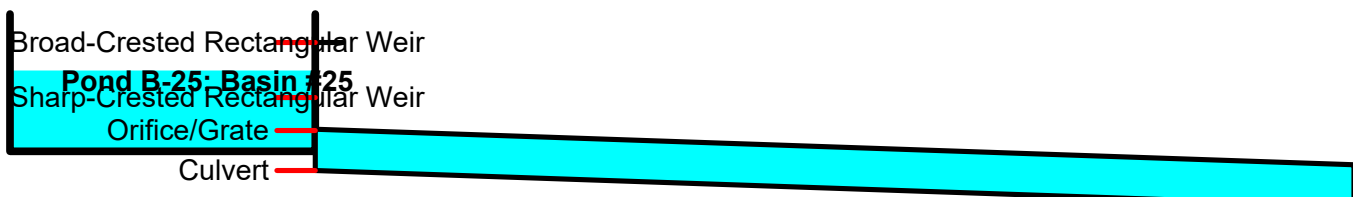
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

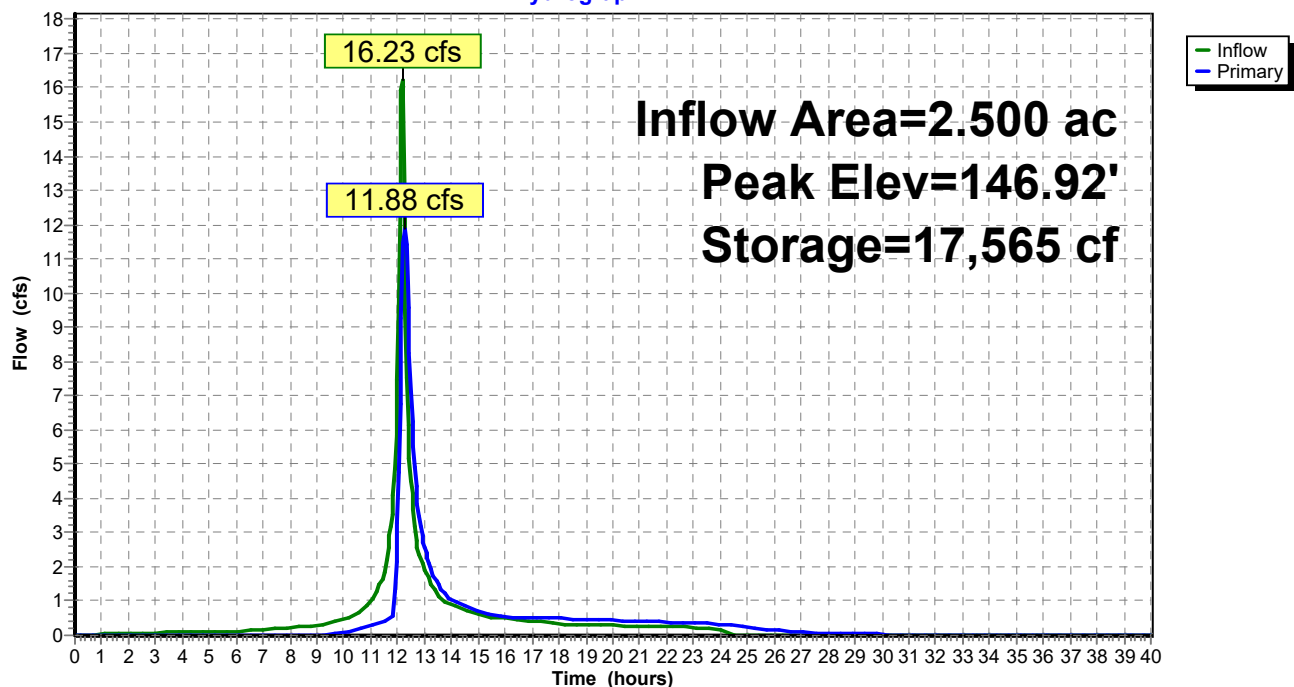
Primary OutFlow Max=11.83 cfs @ 12.27 hrs HW=146.91' (Free Discharge)

1=Culvert (Barrel Controls 11.83 cfs @ 6.69 fps)
 2=Orifice/Grate (Passes < 0.75 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 11.74 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.01	2	144.00	0.00
0.80	0.01	6	144.00	0.00
0.90	0.02	11	144.00	0.00
1.00	0.02	19	144.00	0.00
1.10	0.03	28	144.01	0.00
1.20	0.03	38	144.01	0.00
1.30	0.04	51	144.01	0.00
1.40	0.04	64	144.01	0.00
1.50	0.04	79	144.02	0.00
1.60	0.05	95	144.02	0.00
1.70	0.05	112	144.02	0.00
1.80	0.05	130	144.03	0.00
1.90	0.05	149	144.03	0.00
2.00	0.06	169	144.04	0.00
2.10	0.06	190	144.04	0.00
2.20	0.06	212	144.04	0.00
2.30	0.06	234	144.05	0.00
2.40	0.07	258	144.05	0.00
2.50	0.07	282	144.06	0.00
2.60	0.07	306	144.06	0.00
2.70	0.07	332	144.07	0.00
2.80	0.07	358	144.08	0.00
2.90	0.07	384	144.08	0.00
3.00	0.08	411	144.09	0.00
3.10	0.08	439	144.09	0.00
3.20	0.08	467	144.10	0.00
3.30	0.08	496	144.10	0.00
3.40	0.08	526	144.11	0.00
3.50	0.08	555	144.12	0.00
3.60	0.09	586	144.12	0.00
3.70	0.09	617	144.13	0.00
3.80	0.09	648	144.14	0.00
3.90	0.09	680	144.14	0.00
4.00	0.09	712	144.15	0.00
4.10	0.09	745	144.16	0.00
4.20	0.09	778	144.16	0.00
4.30	0.09	812	144.17	0.00
4.40	0.10	846	144.18	0.00
4.50	0.10	880	144.18	0.00
4.60	0.10	915	144.19	0.00
4.70	0.10	950	144.20	0.00
4.80	0.10	986	144.21	0.00
4.90	0.10	1,022	144.21	0.00
5.00	0.10	1,058	144.22	0.00
5.10	0.10	1,095	144.23	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,132	144.24	0.00
5.30	0.10	1,169	144.24	0.00
5.40	0.11	1,207	144.25	0.00
5.50	0.11	1,245	144.26	0.00
5.60	0.11	1,284	144.27	0.00
5.70	0.11	1,323	144.27	0.00
5.80	0.11	1,362	144.28	0.00
5.90	0.11	1,402	144.29	0.00
6.00	0.11	1,442	144.30	0.00
6.10	0.11	1,482	144.31	0.00
6.20	0.12	1,523	144.31	0.00
6.30	0.12	1,565	144.32	0.00
6.40	0.12	1,608	144.33	0.00
6.50	0.13	1,653	144.34	0.00
6.60	0.13	1,700	144.35	0.00
6.70	0.14	1,748	144.36	0.00
6.80	0.14	1,799	144.37	0.00
6.90	0.15	1,851	144.38	0.00
7.00	0.15	1,905	144.39	0.00
7.10	0.16	1,961	144.40	0.00
7.20	0.17	2,020	144.41	0.00
7.30	0.17	2,081	144.43	0.00
7.40	0.18	2,143	144.44	0.00
7.50	0.18	2,208	144.45	0.00
7.60	0.19	2,276	144.46	0.00
7.70	0.20	2,345	144.48	0.00
7.80	0.20	2,417	144.49	0.00
7.90	0.21	2,491	144.51	0.00
8.00	0.22	2,568	144.52	0.00
8.10	0.22	2,647	144.54	0.00
8.20	0.23	2,729	144.55	0.00
8.30	0.24	2,813	144.57	0.00
8.40	0.24	2,900	144.58	0.00
8.50	0.25	2,989	144.60	0.00
8.60	0.26	3,081	144.62	0.00
8.70	0.27	3,175	144.64	0.00
8.80	0.27	3,272	144.66	0.00
8.90	0.28	3,372	144.67	0.00
9.00	0.29	3,475	144.69	0.00
9.10	0.30	3,581	144.71	0.00
9.20	0.32	3,692	144.73	0.00
9.30	0.34	3,809	144.76	0.00
9.40	0.36	3,933	144.78	0.00
9.50	0.38	4,064	144.80	0.01
9.60	0.40	4,199	144.83	0.02
9.70	0.42	4,340	144.85	0.03
9.80	0.45	4,483	144.88	0.04
9.90	0.47	4,629	144.91	0.06
10.00	0.49	4,778	144.93	0.08
10.10	0.52	4,927	144.96	0.10
10.20	0.54	5,078	144.99	0.12
10.30	0.57	5,230	145.02	0.15

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.59	5,382	145.04	0.17
10.50	0.62	5,536	145.07	0.19
10.60	0.66	5,693	145.10	0.21
10.70	0.73	5,863	145.13	0.23
10.80	0.82	6,055	145.16	0.25
10.90	0.90	6,271	145.20	0.27
11.00	1.00	6,511	145.24	0.29
11.10	1.11	6,780	145.29	0.31
11.20	1.26	7,088	145.34	0.34
11.30	1.43	7,447	145.40	0.36
11.40	1.61	7,860	145.47	0.39
11.50	1.79	8,328	145.55	0.41
11.60	2.18	8,874	145.64	0.44
11.70	2.90	9,629	145.76	0.48
11.80	3.55	10,598	145.91	0.52
11.90	4.85	11,804	146.10	1.29
12.00	7.46	13,166	146.30	3.27
12.10	12.84	14,977	146.56	6.75
12.20	15.69	17,102	146.86	11.47
12.30	9.54	17,405	146.90	11.81
12.40	6.15	16,262	146.74	9.58
12.50	4.53	15,161	146.59	7.14
12.60	3.67	14,379	146.48	5.52
12.70	2.78	13,760	146.39	4.33
12.80	2.39	13,286	146.32	3.48
12.90	2.16	12,956	146.27	2.93
13.00	1.94	12,713	146.23	2.54
13.10	1.74	12,517	146.20	2.24
13.20	1.56	12,347	146.18	2.00
13.30	1.43	12,202	146.16	1.80
13.40	1.32	12,080	146.14	1.64
13.50	1.21	11,970	146.12	1.50
13.60	1.10	11,868	146.11	1.37
13.70	1.00	11,772	146.09	1.26
13.80	0.96	11,688	146.08	1.17
13.90	0.93	11,620	146.07	1.09
14.00	0.90	11,565	146.06	1.04
14.10	0.87	11,519	146.05	0.99
14.20	0.84	11,478	146.05	0.95
14.30	0.81	11,440	146.04	0.92
14.40	0.78	11,403	146.03	0.88
14.50	0.75	11,366	146.03	0.85
14.60	0.72	11,331	146.02	0.82
14.70	0.69	11,296	146.02	0.79
14.80	0.67	11,261	146.01	0.76
14.90	0.64	11,226	146.01	0.73
15.00	0.61	11,192	146.00	0.70
15.10	0.58	11,157	146.00	0.68
15.20	0.56	11,118	145.99	0.66
15.30	0.54	11,080	145.98	0.64
15.40	0.53	11,045	145.98	0.63
15.50	0.53	11,013	145.97	0.61

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.52	10,984	145.97	0.60
15.70	0.51	10,957	145.97	0.58
15.80	0.50	10,931	145.96	0.57
15.90	0.50	10,907	145.96	0.56
16.00	0.49	10,885	145.95	0.55
16.10	0.48	10,864	145.95	0.54
16.20	0.47	10,843	145.95	0.53
16.30	0.47	10,819	145.94	0.53
16.40	0.46	10,794	145.94	0.53
16.50	0.45	10,765	145.94	0.53
16.60	0.44	10,735	145.93	0.53
16.70	0.43	10,702	145.93	0.53
16.80	0.43	10,667	145.92	0.53
16.90	0.42	10,630	145.91	0.53
17.00	0.41	10,590	145.91	0.52
17.10	0.40	10,549	145.90	0.52
17.20	0.40	10,505	145.90	0.52
17.30	0.39	10,459	145.89	0.52
17.40	0.38	10,411	145.88	0.52
17.50	0.37	10,361	145.87	0.51
17.60	0.37	10,309	145.86	0.51
17.70	0.36	10,256	145.86	0.51
17.80	0.35	10,200	145.85	0.51
17.90	0.34	10,142	145.84	0.50
18.00	0.33	10,083	145.83	0.50
18.10	0.33	10,021	145.82	0.50
18.20	0.32	9,958	145.81	0.50
18.30	0.32	9,894	145.80	0.49
18.40	0.31	9,831	145.79	0.49
18.50	0.31	9,767	145.78	0.49
18.60	0.31	9,704	145.77	0.48
18.70	0.31	9,642	145.76	0.48
18.80	0.31	9,579	145.75	0.48
18.90	0.30	9,518	145.74	0.48
19.00	0.30	9,456	145.73	0.47
19.10	0.30	9,395	145.72	0.47
19.20	0.30	9,334	145.71	0.47
19.30	0.30	9,274	145.70	0.46
19.40	0.29	9,214	145.69	0.46
19.50	0.29	9,154	145.68	0.46
19.60	0.29	9,094	145.67	0.46
19.70	0.29	9,036	145.66	0.45
19.80	0.29	8,977	145.65	0.45
19.90	0.29	8,919	145.64	0.45
20.00	0.28	8,862	145.63	0.44
20.10	0.28	8,804	145.62	0.44
20.20	0.28	8,747	145.61	0.44
20.30	0.28	8,690	145.61	0.43
20.40	0.28	8,634	145.60	0.43
20.50	0.27	8,578	145.59	0.43
20.60	0.27	8,523	145.58	0.43
20.70	0.27	8,468	145.57	0.42

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	8,413	145.56	0.42
20.90	0.27	8,359	145.55	0.42
21.00	0.26	8,305	145.54	0.41
21.10	0.26	8,251	145.53	0.41
21.20	0.26	8,198	145.52	0.41
21.30	0.26	8,145	145.52	0.40
21.40	0.26	8,093	145.51	0.40
21.50	0.25	8,041	145.50	0.40
21.60	0.25	7,990	145.49	0.40
21.70	0.25	7,938	145.48	0.39
21.80	0.25	7,888	145.47	0.39
21.90	0.25	7,837	145.46	0.39
22.00	0.24	7,788	145.46	0.38
22.10	0.24	7,738	145.45	0.38
22.20	0.24	7,689	145.44	0.38
22.30	0.24	7,640	145.43	0.37
22.40	0.24	7,592	145.42	0.37
22.50	0.23	7,544	145.42	0.37
22.60	0.23	7,496	145.41	0.36
22.70	0.23	7,449	145.40	0.36
22.80	0.23	7,403	145.39	0.36
22.90	0.23	7,356	145.38	0.36
23.00	0.23	7,310	145.38	0.35
23.10	0.22	7,265	145.37	0.35
23.20	0.22	7,220	145.36	0.35
23.30	0.22	7,175	145.35	0.34
23.40	0.22	7,131	145.35	0.34
23.50	0.22	7,087	145.34	0.34
23.60	0.21	7,044	145.33	0.33
23.70	0.21	7,001	145.32	0.33
23.80	0.21	6,958	145.32	0.33
23.90	0.21	6,916	145.31	0.32
24.00	0.22	6,876	145.30	0.32
24.10	0.18	6,837	145.30	0.32
24.20	0.05	6,765	145.28	0.31
24.30	0.01	6,664	145.27	0.30
24.40	0.00	6,558	145.25	0.30
24.50	0.00	6,453	145.23	0.29
24.60	0.00	6,351	145.21	0.28
24.70	0.00	6,252	145.20	0.27
24.80	0.00	6,157	145.18	0.26
24.90	0.00	6,065	145.16	0.25
25.00	0.00	5,975	145.15	0.24
25.10	0.00	5,889	145.13	0.23
25.20	0.00	5,806	145.12	0.23
25.30	0.00	5,726	145.10	0.22
25.40	0.00	5,649	145.09	0.21
25.50	0.00	5,576	145.08	0.20
25.60	0.00	5,507	145.06	0.19
25.70	0.00	5,441	145.05	0.18
25.80	0.00	5,378	145.04	0.17
25.90	0.00	5,319	145.03	0.16

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,262	145.02	0.15
26.10	0.00	5,209	145.01	0.14
26.20	0.00	5,159	145.00	0.14
26.30	0.00	5,112	144.99	0.13
26.40	0.00	5,067	144.99	0.12
26.50	0.00	5,024	144.98	0.12
26.60	0.00	4,984	144.97	0.11
26.70	0.00	4,945	144.96	0.10
26.80	0.00	4,909	144.96	0.10
26.90	0.00	4,875	144.95	0.09
27.00	0.00	4,842	144.95	0.09
27.10	0.00	4,811	144.94	0.08
27.20	0.00	4,782	144.93	0.08
27.30	0.00	4,754	144.93	0.08
27.40	0.00	4,727	144.92	0.07
27.50	0.00	4,701	144.92	0.07
27.60	0.00	4,677	144.92	0.07
27.70	0.00	4,654	144.91	0.06
27.80	0.00	4,631	144.91	0.06
27.90	0.00	4,610	144.90	0.06
28.00	0.00	4,590	144.90	0.05
28.10	0.00	4,571	144.90	0.05
28.20	0.00	4,552	144.89	0.05
28.30	0.00	4,534	144.89	0.05
28.40	0.00	4,517	144.89	0.05
28.50	0.00	4,501	144.88	0.05
28.60	0.00	4,485	144.88	0.04
28.70	0.00	4,470	144.88	0.04
28.80	0.00	4,455	144.88	0.04
28.90	0.00	4,441	144.87	0.04
29.00	0.00	4,427	144.87	0.04
29.10	0.00	4,414	144.87	0.04
29.20	0.00	4,401	144.87	0.03
29.30	0.00	4,389	144.86	0.03
29.40	0.00	4,377	144.86	0.03
29.50	0.00	4,366	144.86	0.03
29.60	0.00	4,355	144.86	0.03
29.70	0.00	4,344	144.86	0.03
29.80	0.00	4,334	144.85	0.03
29.90	0.00	4,325	144.85	0.03
30.00	0.00	4,315	144.85	0.03
30.10	0.00	4,306	144.85	0.02
30.20	0.00	4,297	144.85	0.02
30.30	0.00	4,289	144.85	0.02
30.40	0.00	4,280	144.84	0.02
30.50	0.00	4,272	144.84	0.02
30.60	0.00	4,264	144.84	0.02
30.70	0.00	4,256	144.84	0.02
30.80	0.00	4,249	144.84	0.02
30.90	0.00	4,241	144.84	0.02
31.00	0.00	4,234	144.84	0.02
31.10	0.00	4,227	144.83	0.02

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,220	144.83	0.02
31.30	0.00	4,214	144.83	0.02
31.40	0.00	4,207	144.83	0.02
31.50	0.00	4,201	144.83	0.02
31.60	0.00	4,194	144.83	0.02
31.70	0.00	4,188	144.83	0.02
31.80	0.00	4,182	144.83	0.02
31.90	0.00	4,177	144.82	0.02
32.00	0.00	4,171	144.82	0.02
32.10	0.00	4,165	144.82	0.02
32.20	0.00	4,160	144.82	0.01
32.30	0.00	4,155	144.82	0.01
32.40	0.00	4,150	144.82	0.01
32.50	0.00	4,145	144.82	0.01
32.60	0.00	4,140	144.82	0.01
32.70	0.00	4,135	144.82	0.01
32.80	0.00	4,131	144.82	0.01
32.90	0.00	4,126	144.82	0.01
33.00	0.00	4,122	144.81	0.01
33.10	0.00	4,117	144.81	0.01
33.20	0.00	4,113	144.81	0.01
33.30	0.00	4,109	144.81	0.01
33.40	0.00	4,105	144.81	0.01
33.50	0.00	4,101	144.81	0.01
33.60	0.00	4,098	144.81	0.01
33.70	0.00	4,094	144.81	0.01
33.80	0.00	4,090	144.81	0.01
33.90	0.00	4,087	144.81	0.01
34.00	0.00	4,083	144.81	0.01
34.10	0.00	4,080	144.81	0.01
34.20	0.00	4,077	144.81	0.01
34.30	0.00	4,074	144.81	0.01
34.40	0.00	4,070	144.80	0.01
34.50	0.00	4,067	144.80	0.01
34.60	0.00	4,064	144.80	0.01
34.70	0.00	4,062	144.80	0.01
34.80	0.00	4,059	144.80	0.01
34.90	0.00	4,056	144.80	0.01
35.00	0.00	4,053	144.80	0.01
35.10	0.00	4,051	144.80	0.01
35.20	0.00	4,048	144.80	0.01
35.30	0.00	4,046	144.80	0.01
35.40	0.00	4,043	144.80	0.01
35.50	0.00	4,041	144.80	0.01
35.60	0.00	4,039	144.80	0.01
35.70	0.00	4,036	144.80	0.01
35.80	0.00	4,034	144.80	0.01
35.90	0.00	4,032	144.80	0.01
36.00	0.00	4,029	144.80	0.01
36.10	0.00	4,027	144.80	0.01
36.20	0.00	4,025	144.80	0.01
36.30	0.00	4,023	144.80	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,020	144.80	0.01
36.50	0.00	4,018	144.80	0.01
36.60	0.00	4,016	144.79	0.01
36.70	0.00	4,014	144.79	0.01
36.80	0.00	4,012	144.79	0.01
36.90	0.00	4,010	144.79	0.01
37.00	0.00	4,008	144.79	0.01
37.10	0.00	4,006	144.79	0.01
37.20	0.00	4,003	144.79	0.01
37.30	0.00	4,001	144.79	0.01
37.40	0.00	3,999	144.79	0.01
37.50	0.00	3,997	144.79	0.01
37.60	0.00	3,995	144.79	0.01
37.70	0.00	3,994	144.79	0.01
37.80	0.00	3,992	144.79	0.01
37.90	0.00	3,990	144.79	0.01
38.00	0.00	3,988	144.79	0.01
38.10	0.00	3,986	144.79	0.01
38.20	0.00	3,984	144.79	0.01
38.30	0.00	3,982	144.79	0.01
38.40	0.00	3,980	144.79	0.01
38.50	0.00	3,978	144.79	0.01
38.60	0.00	3,977	144.79	0.01
38.70	0.00	3,975	144.79	0.00
38.80	0.00	3,973	144.79	0.00
38.90	0.00	3,971	144.79	0.00
39.00	0.00	3,970	144.79	0.00
39.10	0.00	3,968	144.79	0.00
39.20	0.00	3,966	144.79	0.00
39.30	0.00	3,964	144.79	0.00
39.40	0.00	3,963	144.78	0.00
39.50	0.00	3,961	144.78	0.00
39.60	0.00	3,959	144.78	0.00
39.70	0.00	3,958	144.78	0.00
39.80	0.00	3,956	144.78	0.00
39.90	0.00	3,955	144.78	0.00
40.00	0.00	3,953	144.78	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 6.47" for Current 100 yr event
 Inflow = 15.58 cfs @ 12.17 hrs, Volume= 1.276 af
 Outflow = 11.03 cfs @ 12.27 hrs, Volume= 1.155 af, Atten= 29%, Lag= 5.8 min
 Primary = 11.03 cfs @ 12.27 hrs, Volume= 1.155 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.00' @ 12.27 hrs Surf.Area= 7,015 sf Storage= 18,660 cf

Plug-Flow detention time= 252.2 min calculated for 1.154 af (90% of inflow)
 Center-of-Mass det. time= 204.1 min (986.5 - 782.4)

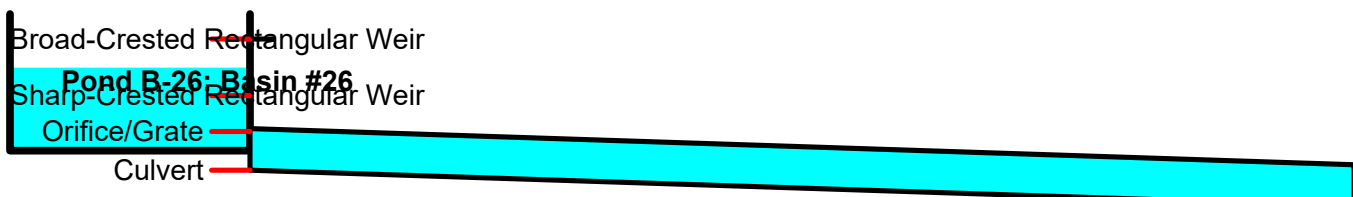
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

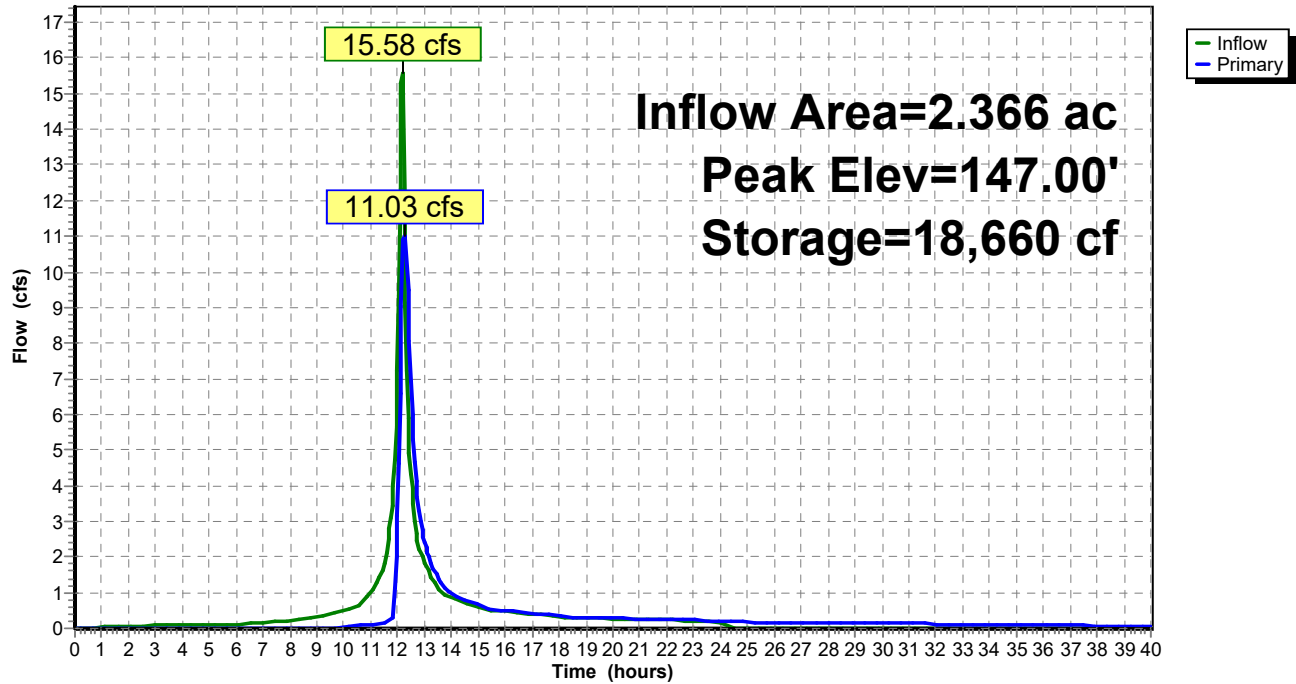
Primary OutFlow Max=11.01 cfs @ 12.27 hrs HW=146.99' (Free Discharge)

1=Culvert (Barrel Controls 11.01 cfs @ 6.23 fps)
 2=Orifice/Grate (Passes < 0.24 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 12.18 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.01	2	144.00	0.00
0.80	0.01	6	144.00	0.00
0.90	0.02	12	144.00	0.00
1.00	0.02	20	144.00	0.00
1.10	0.03	30	144.01	0.00
1.20	0.03	42	144.01	0.00
1.30	0.04	55	144.01	0.00
1.40	0.04	69	144.01	0.00
1.50	0.05	85	144.02	0.00
1.60	0.05	103	144.02	0.00
1.70	0.05	121	144.02	0.00
1.80	0.06	141	144.03	0.00
1.90	0.06	161	144.03	0.00
2.00	0.06	183	144.03	0.00
2.10	0.06	205	144.04	0.00
2.20	0.07	229	144.04	0.00
2.30	0.07	253	144.05	0.00
2.40	0.07	278	144.05	0.00
2.50	0.07	304	144.06	0.00
2.60	0.07	331	144.06	0.00
2.70	0.08	358	144.07	0.00
2.80	0.08	386	144.07	0.00
2.90	0.08	415	144.08	0.00
3.00	0.08	444	144.08	0.00
3.10	0.08	474	144.09	0.00
3.20	0.09	505	144.09	0.00
3.30	0.09	536	144.10	0.00
3.40	0.09	568	144.10	0.00
3.50	0.09	600	144.11	0.00
3.60	0.09	633	144.12	0.00
3.70	0.09	666	144.12	0.00
3.80	0.09	700	144.13	0.00
3.90	0.10	734	144.13	0.00
4.00	0.10	769	144.14	0.00
4.10	0.10	805	144.15	0.00
4.20	0.10	840	144.15	0.00
4.30	0.10	877	144.16	0.00
4.40	0.10	913	144.17	0.00
4.50	0.10	951	144.17	0.00
4.60	0.10	988	144.18	0.00
4.70	0.11	1,026	144.19	0.00
4.80	0.11	1,065	144.19	0.00
4.90	0.11	1,103	144.20	0.00
5.00	0.11	1,143	144.21	0.00
5.10	0.11	1,182	144.21	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,222	144.22	0.00
5.30	0.11	1,263	144.23	0.00
5.40	0.11	1,304	144.24	0.00
5.50	0.12	1,345	144.24	0.00
5.60	0.12	1,387	144.25	0.00
5.70	0.12	1,429	144.26	0.00
5.80	0.12	1,471	144.27	0.00
5.90	0.12	1,514	144.27	0.00
6.00	0.12	1,557	144.28	0.00
6.10	0.12	1,601	144.29	0.00
6.20	0.12	1,645	144.30	0.00
6.30	0.13	1,690	144.30	0.00
6.40	0.13	1,737	144.31	0.00
6.50	0.14	1,785	144.32	0.00
6.60	0.14	1,835	144.33	0.00
6.70	0.15	1,887	144.34	0.00
6.80	0.15	1,941	144.35	0.00
6.90	0.16	1,997	144.36	0.00
7.00	0.16	2,055	144.37	0.00
7.10	0.17	2,114	144.38	0.00
7.20	0.17	2,176	144.39	0.00
7.30	0.18	2,240	144.40	0.00
7.40	0.19	2,306	144.41	0.00
7.50	0.19	2,374	144.43	0.00
7.60	0.20	2,445	144.44	0.00
7.70	0.20	2,517	144.45	0.00
7.80	0.21	2,592	144.46	0.00
7.90	0.22	2,669	144.48	0.00
8.00	0.22	2,749	144.49	0.00
8.10	0.23	2,831	144.51	0.00
8.20	0.24	2,915	144.52	0.00
8.30	0.24	3,002	144.54	0.00
8.40	0.25	3,091	144.55	0.00
8.50	0.26	3,183	144.57	0.00
8.60	0.27	3,277	144.58	0.00
8.70	0.27	3,374	144.60	0.00
8.80	0.28	3,473	144.62	0.00
8.90	0.29	3,575	144.64	0.00
9.00	0.29	3,679	144.65	0.00
9.10	0.30	3,787	144.67	0.00
9.20	0.32	3,900	144.69	0.00
9.30	0.34	4,019	144.71	0.00
9.40	0.36	4,144	144.73	0.00
9.50	0.38	4,277	144.76	0.01
9.60	0.40	4,415	144.78	0.01
9.70	0.43	4,558	144.80	0.02
9.80	0.45	4,707	144.83	0.03
9.90	0.47	4,861	144.86	0.04
10.00	0.49	5,020	144.88	0.05
10.10	0.52	5,184	144.91	0.05
10.20	0.54	5,354	144.94	0.06
10.30	0.57	5,531	144.97	0.07

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.59	5,715	145.00	0.07
10.50	0.62	5,905	145.03	0.08
10.60	0.66	6,105	145.06	0.08
10.70	0.73	6,322	145.10	0.09
10.80	0.81	6,565	145.14	0.10
10.90	0.89	6,835	145.19	0.10
11.00	0.98	7,135	145.24	0.11
11.10	1.09	7,467	145.29	0.11
11.20	1.24	7,843	145.35	0.12
11.30	1.40	8,274	145.42	0.13
11.40	1.58	8,762	145.50	0.14
11.50	1.75	9,311	145.59	0.15
11.60	2.13	9,942	145.69	0.15
11.70	2.82	10,781	145.82	0.17
11.80	3.45	11,837	145.98	0.18
11.90	4.70	13,084	146.17	1.14
12.00	7.20	14,420	146.38	3.17
12.10	12.35	16,147	146.63	6.59
12.20	15.05	18,163	146.92	10.92
12.30	9.14	18,549	146.98	11.00
12.40	5.89	17,414	146.82	9.48
12.50	4.33	16,295	146.65	6.91
12.60	3.51	15,532	146.54	5.29
12.70	2.65	14,942	146.45	4.12
12.80	2.29	14,496	146.39	3.30
12.90	2.06	14,188	146.34	2.77
13.00	1.86	13,964	146.31	2.40
13.10	1.66	13,784	146.28	2.12
13.20	1.49	13,629	146.26	1.89
13.30	1.36	13,498	146.24	1.70
13.40	1.25	13,388	146.22	1.54
13.50	1.15	13,290	146.21	1.41
13.60	1.04	13,199	146.19	1.29
13.70	0.96	13,115	146.18	1.18
13.80	0.91	13,043	146.17	1.09
13.90	0.88	12,985	146.16	1.02
14.00	0.85	12,938	146.15	0.97
14.10	0.83	12,900	146.15	0.93
14.20	0.80	12,866	146.14	0.89
14.30	0.77	12,836	146.14	0.85
14.40	0.74	12,808	146.13	0.82
14.50	0.72	12,782	146.13	0.79
14.60	0.69	12,756	146.12	0.76
14.70	0.66	12,729	146.12	0.74
14.80	0.63	12,702	146.12	0.71
14.90	0.61	12,674	146.11	0.68
15.00	0.58	12,646	146.11	0.66
15.10	0.55	12,618	146.10	0.63
15.20	0.53	12,590	146.10	0.60
15.30	0.52	12,566	146.10	0.58
15.40	0.51	12,545	146.09	0.56
15.50	0.50	12,528	146.09	0.54

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.49	12,514	146.09	0.53
15.70	0.49	12,502	146.09	0.52
15.80	0.48	12,492	146.08	0.51
15.90	0.47	12,482	146.08	0.50
16.00	0.46	12,472	146.08	0.49
16.10	0.46	12,464	146.08	0.48
16.20	0.45	12,455	146.08	0.47
16.30	0.44	12,447	146.08	0.47
16.40	0.44	12,438	146.08	0.46
16.50	0.43	12,429	146.07	0.45
16.60	0.42	12,419	146.07	0.45
16.70	0.41	12,409	146.07	0.44
16.80	0.41	12,399	146.07	0.43
16.90	0.40	12,389	146.07	0.43
17.00	0.39	12,379	146.07	0.42
17.10	0.38	12,369	146.07	0.41
17.20	0.38	12,359	146.06	0.41
17.30	0.37	12,349	146.06	0.40
17.40	0.36	12,338	146.06	0.39
17.50	0.35	12,328	146.06	0.38
17.60	0.35	12,317	146.06	0.38
17.70	0.34	12,307	146.06	0.37
17.80	0.33	12,297	146.05	0.36
17.90	0.33	12,286	146.05	0.35
18.00	0.32	12,276	146.05	0.35
18.10	0.31	12,265	146.05	0.34
18.20	0.30	12,255	146.05	0.33
18.30	0.30	12,245	146.05	0.33
18.40	0.30	12,237	146.05	0.32
18.50	0.30	12,230	146.04	0.32
18.60	0.30	12,224	146.04	0.31
18.70	0.29	12,219	146.04	0.31
18.80	0.29	12,214	146.04	0.30
18.90	0.29	12,210	146.04	0.30
19.00	0.29	12,206	146.04	0.30
19.10	0.29	12,203	146.04	0.30
19.20	0.28	12,199	146.04	0.29
19.30	0.28	12,196	146.04	0.29
19.40	0.28	12,193	146.04	0.29
19.50	0.28	12,190	146.04	0.29
19.60	0.28	12,187	146.04	0.28
19.70	0.28	12,185	146.04	0.28
19.80	0.27	12,182	146.04	0.28
19.90	0.27	12,179	146.04	0.28
20.00	0.27	12,177	146.04	0.28
20.10	0.27	12,174	146.04	0.28
20.20	0.27	12,171	146.04	0.27
20.30	0.26	12,169	146.03	0.27
20.40	0.26	12,166	146.03	0.27
20.50	0.26	12,163	146.03	0.27
20.60	0.26	12,160	146.03	0.27
20.70	0.26	12,158	146.03	0.26

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	12,156	146.03	0.26
20.90	0.25	12,153	146.03	0.26
21.00	0.25	12,150	146.03	0.26
21.10	0.25	12,147	146.03	0.26
21.20	0.25	12,145	146.03	0.25
21.30	0.25	12,142	146.03	0.25
21.40	0.24	12,140	146.03	0.25
21.50	0.24	12,137	146.03	0.25
21.60	0.24	12,134	146.03	0.25
21.70	0.24	12,131	146.03	0.25
21.80	0.24	12,128	146.03	0.25
21.90	0.24	12,125	146.03	0.24
22.00	0.23	12,122	146.03	0.24
22.10	0.23	12,118	146.03	0.24
22.20	0.23	12,114	146.03	0.24
22.30	0.23	12,110	146.03	0.24
22.40	0.23	12,106	146.03	0.24
22.50	0.22	12,101	146.02	0.24
22.60	0.22	12,097	146.02	0.23
22.70	0.22	12,092	146.02	0.23
22.80	0.22	12,088	146.02	0.23
22.90	0.22	12,083	146.02	0.23
23.00	0.21	12,078	146.02	0.23
23.10	0.21	12,073	146.02	0.23
23.20	0.21	12,069	146.02	0.22
23.30	0.21	12,064	146.02	0.22
23.40	0.21	12,059	146.02	0.22
23.50	0.21	12,054	146.02	0.22
23.60	0.20	12,049	146.02	0.22
23.70	0.20	12,044	146.02	0.22
23.80	0.20	12,039	146.01	0.21
23.90	0.20	12,034	146.01	0.21
24.00	0.21	12,030	146.01	0.21
24.10	0.18	12,027	146.01	0.21
24.20	0.05	11,993	146.01	0.20
24.30	0.01	11,935	146.00	0.18
24.40	0.00	11,873	145.99	0.18
24.50	0.00	11,809	145.98	0.18
24.60	0.00	11,745	145.97	0.18
24.70	0.00	11,681	145.96	0.18
24.80	0.00	11,618	145.95	0.18
24.90	0.00	11,555	145.94	0.17
25.00	0.00	11,492	145.93	0.17
25.10	0.00	11,429	145.92	0.17
25.20	0.00	11,367	145.91	0.17
25.30	0.00	11,305	145.90	0.17
25.40	0.00	11,243	145.89	0.17
25.50	0.00	11,182	145.88	0.17
25.60	0.00	11,121	145.87	0.17
25.70	0.00	11,060	145.86	0.17
25.80	0.00	10,999	145.85	0.17
25.90	0.00	10,939	145.84	0.17

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,878	145.83	0.17
26.10	0.00	10,819	145.83	0.17
26.20	0.00	10,759	145.82	0.17
26.30	0.00	10,700	145.81	0.16
26.40	0.00	10,641	145.80	0.16
26.50	0.00	10,582	145.79	0.16
26.60	0.00	10,523	145.78	0.16
26.70	0.00	10,465	145.77	0.16
26.80	0.00	10,407	145.76	0.16
26.90	0.00	10,350	145.75	0.16
27.00	0.00	10,292	145.74	0.16
27.10	0.00	10,235	145.73	0.16
27.20	0.00	10,178	145.72	0.16
27.30	0.00	10,122	145.72	0.16
27.40	0.00	10,066	145.71	0.16
27.50	0.00	10,010	145.70	0.16
27.60	0.00	9,954	145.69	0.15
27.70	0.00	9,898	145.68	0.15
27.80	0.00	9,843	145.67	0.15
27.90	0.00	9,788	145.66	0.15
28.00	0.00	9,734	145.65	0.15
28.10	0.00	9,679	145.65	0.15
28.20	0.00	9,625	145.64	0.15
28.30	0.00	9,571	145.63	0.15
28.40	0.00	9,518	145.62	0.15
28.50	0.00	9,465	145.61	0.15
28.60	0.00	9,412	145.60	0.15
28.70	0.00	9,359	145.60	0.15
28.80	0.00	9,307	145.59	0.15
28.90	0.00	9,255	145.58	0.14
29.00	0.00	9,203	145.57	0.14
29.10	0.00	9,151	145.56	0.14
29.20	0.00	9,100	145.55	0.14
29.30	0.00	9,049	145.55	0.14
29.40	0.00	8,998	145.54	0.14
29.50	0.00	8,948	145.53	0.14
29.60	0.00	8,897	145.52	0.14
29.70	0.00	8,848	145.51	0.14
29.80	0.00	8,798	145.51	0.14
29.90	0.00	8,749	145.50	0.14
30.00	0.00	8,700	145.49	0.14
30.10	0.00	8,651	145.48	0.14
30.20	0.00	8,602	145.47	0.13
30.30	0.00	8,554	145.47	0.13
30.40	0.00	8,506	145.46	0.13
30.50	0.00	8,459	145.45	0.13
30.60	0.00	8,411	145.44	0.13
30.70	0.00	8,364	145.44	0.13
30.80	0.00	8,317	145.43	0.13
30.90	0.00	8,271	145.42	0.13
31.00	0.00	8,225	145.41	0.13
31.10	0.00	8,179	145.41	0.13

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,133	145.40	0.13
31.30	0.00	8,088	145.39	0.13
31.40	0.00	8,042	145.38	0.12
31.50	0.00	7,998	145.38	0.12
31.60	0.00	7,953	145.37	0.12
31.70	0.00	7,909	145.36	0.12
31.80	0.00	7,865	145.35	0.12
31.90	0.00	7,821	145.35	0.12
32.00	0.00	7,778	145.34	0.12
32.10	0.00	7,735	145.33	0.12
32.20	0.00	7,692	145.33	0.12
32.30	0.00	7,649	145.32	0.12
32.40	0.00	7,607	145.31	0.12
32.50	0.00	7,565	145.31	0.12
32.60	0.00	7,523	145.30	0.12
32.70	0.00	7,482	145.29	0.11
32.80	0.00	7,441	145.29	0.11
32.90	0.00	7,400	145.28	0.11
33.00	0.00	7,359	145.27	0.11
33.10	0.00	7,319	145.27	0.11
33.20	0.00	7,279	145.26	0.11
33.30	0.00	7,239	145.25	0.11
33.40	0.00	7,200	145.25	0.11
33.50	0.00	7,161	145.24	0.11
33.60	0.00	7,122	145.23	0.11
33.70	0.00	7,083	145.23	0.11
33.80	0.00	7,045	145.22	0.11
33.90	0.00	7,007	145.21	0.11
34.00	0.00	6,970	145.21	0.10
34.10	0.00	6,932	145.20	0.10
34.20	0.00	6,895	145.20	0.10
34.30	0.00	6,858	145.19	0.10
34.40	0.00	6,822	145.18	0.10
34.50	0.00	6,785	145.18	0.10
34.60	0.00	6,749	145.17	0.10
34.70	0.00	6,714	145.17	0.10
34.80	0.00	6,678	145.16	0.10
34.90	0.00	6,643	145.15	0.10
35.00	0.00	6,609	145.15	0.10
35.10	0.00	6,574	145.14	0.10
35.20	0.00	6,540	145.14	0.09
35.30	0.00	6,506	145.13	0.09
35.40	0.00	6,472	145.13	0.09
35.50	0.00	6,439	145.12	0.09
35.60	0.00	6,406	145.11	0.09
35.70	0.00	6,373	145.11	0.09
35.80	0.00	6,341	145.10	0.09
35.90	0.00	6,308	145.10	0.09
36.00	0.00	6,276	145.09	0.09
36.10	0.00	6,245	145.09	0.09
36.20	0.00	6,213	145.08	0.09
36.30	0.00	6,182	145.08	0.09

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,152	145.07	0.08
36.50	0.00	6,121	145.07	0.08
36.60	0.00	6,091	145.06	0.08
36.70	0.00	6,061	145.06	0.08
36.80	0.00	6,032	145.05	0.08
36.90	0.00	6,002	145.05	0.08
37.00	0.00	5,973	145.04	0.08
37.10	0.00	5,945	145.04	0.08
37.20	0.00	5,916	145.03	0.08
37.30	0.00	5,888	145.03	0.08
37.40	0.00	5,860	145.02	0.08
37.50	0.00	5,833	145.02	0.08
37.60	0.00	5,806	145.01	0.08
37.70	0.00	5,779	145.01	0.07
37.80	0.00	5,752	145.01	0.07
37.90	0.00	5,726	145.00	0.07
38.00	0.00	5,699	145.00	0.07
38.10	0.00	5,674	144.99	0.07
38.20	0.00	5,648	144.99	0.07
38.30	0.00	5,623	144.98	0.07
38.40	0.00	5,598	144.98	0.07
38.50	0.00	5,573	144.98	0.07
38.60	0.00	5,549	144.97	0.07
38.70	0.00	5,525	144.97	0.07
38.80	0.00	5,501	144.96	0.07
38.90	0.00	5,478	144.96	0.06
39.00	0.00	5,455	144.96	0.06
39.10	0.00	5,432	144.95	0.06
39.20	0.00	5,410	144.95	0.06
39.30	0.00	5,387	144.94	0.06
39.40	0.00	5,365	144.94	0.06
39.50	0.00	5,344	144.94	0.06
39.60	0.00	5,322	144.93	0.06
39.70	0.00	5,301	144.93	0.06
39.80	0.00	5,280	144.93	0.06
39.90	0.00	5,260	144.92	0.06
40.00	0.00	5,240	144.92	0.06

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 7.43" for Current 100 yr event
 Inflow = 14.26 cfs @ 12.17 hrs, Volume= 1.198 af
 Outflow = 13.00 cfs @ 12.22 hrs, Volume= 1.091 af, Atten= 9%, Lag= 2.8 min
 Primary = 13.00 cfs @ 12.22 hrs, Volume= 1.091 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 172.77' @ 12.22 hrs Surf.Area= 3,987 sf Storage= 11,983 cf

Plug-Flow detention time= 114.4 min calculated for 1.091 af (91% of inflow)
 Center-of-Mass det. time= 66.9 min (834.8 - 767.9)

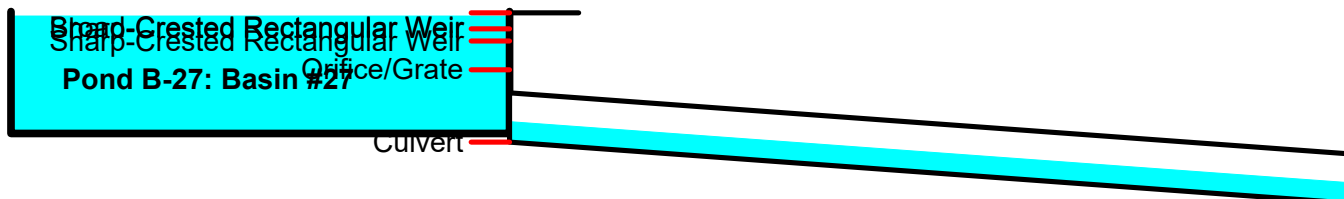
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

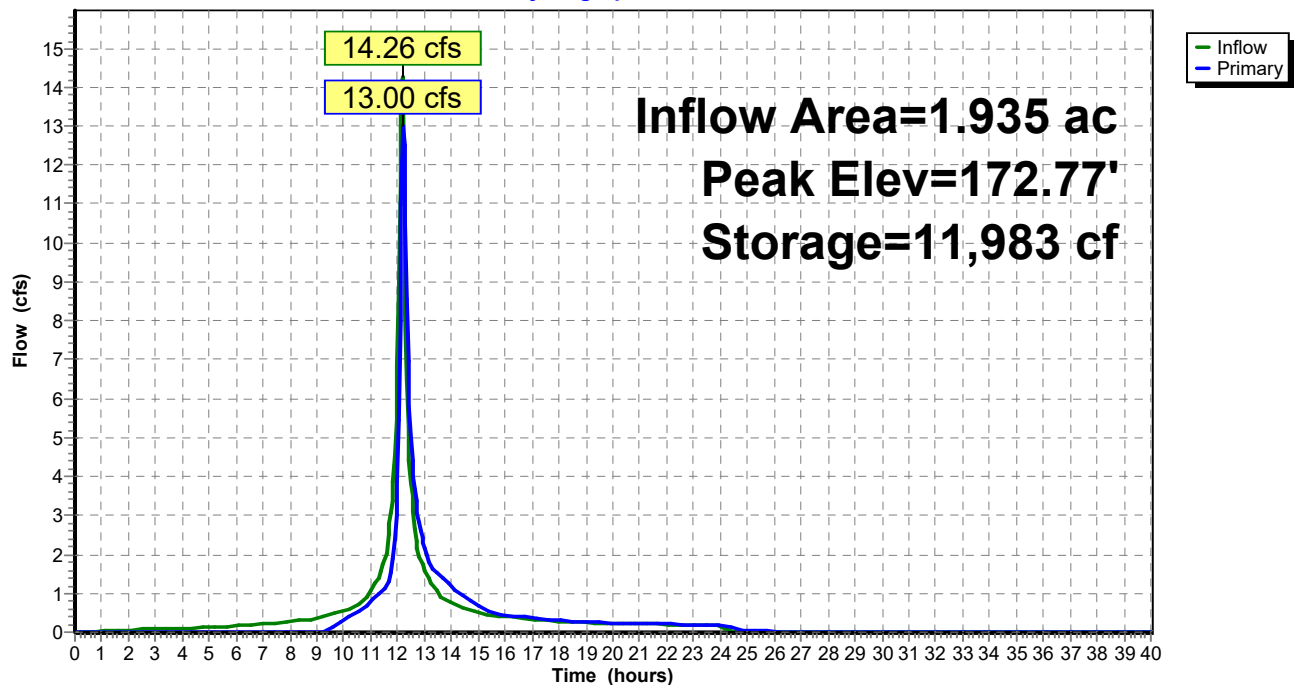
Primary OutFlow Max=12.74 cfs @ 12.22 hrs HW=172.75' (Free Discharge)

1=Culvert (Passes 12.74 cfs of 30.64 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.27 cfs @ 6.51 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.91 cfs @ 3.28 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 4.55 cfs @ 2.32 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	0	168.00	0.00
0.60	0.00	0	168.00	0.00
0.70	0.01	2	168.00	0.00
0.80	0.01	6	168.01	0.00
0.90	0.02	11	168.01	0.00
1.00	0.02	19	168.02	0.00
1.10	0.03	28	168.03	0.00
1.20	0.03	39	168.04	0.00
1.30	0.04	52	168.05	0.00
1.40	0.04	66	168.06	0.00
1.50	0.04	81	168.08	0.00
1.60	0.05	98	168.09	0.00
1.70	0.05	115	168.11	0.00
1.80	0.05	134	168.13	0.00
1.90	0.06	153	168.15	0.00
2.00	0.06	174	168.17	0.00
2.10	0.06	195	168.18	0.00
2.20	0.06	218	168.20	0.00
2.30	0.07	241	168.23	0.00
2.40	0.07	265	168.25	0.00
2.50	0.07	289	168.27	0.00
2.60	0.07	315	168.29	0.00
2.70	0.07	341	168.31	0.00
2.80	0.08	367	168.33	0.00
2.90	0.08	395	168.36	0.00
3.00	0.08	423	168.38	0.00
3.10	0.08	451	168.40	0.00
3.20	0.08	480	168.43	0.00
3.30	0.08	510	168.45	0.00
3.40	0.08	540	168.47	0.00
3.50	0.09	571	168.50	0.00
3.60	0.09	603	168.52	0.00
3.70	0.09	637	168.55	0.00
3.80	0.10	671	168.57	0.00
3.90	0.10	706	168.60	0.00
4.00	0.10	743	168.63	0.00
4.10	0.11	780	168.65	0.00
4.20	0.11	818	168.68	0.00
4.30	0.11	858	168.71	0.00
4.40	0.11	899	168.74	0.00
4.50	0.12	940	168.77	0.00
4.60	0.12	983	168.80	0.00
4.70	0.12	1,026	168.83	0.00
4.80	0.13	1,071	168.86	0.00
4.90	0.13	1,117	168.89	0.00
5.00	0.13	1,163	168.92	0.00
5.10	0.13	1,211	168.95	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,259	168.98	0.00
5.30	0.14	1,309	169.01	0.00
5.40	0.14	1,359	169.04	0.00
5.50	0.14	1,411	169.07	0.00
5.60	0.15	1,463	169.11	0.00
5.70	0.15	1,516	169.14	0.00
5.80	0.15	1,571	169.17	0.00
5.90	0.15	1,626	169.20	0.00
6.00	0.16	1,682	169.23	0.00
6.10	0.16	1,739	169.27	0.00
6.20	0.17	1,798	169.30	0.00
6.30	0.17	1,858	169.33	0.00
6.40	0.18	1,921	169.37	0.00
6.50	0.18	1,986	169.40	0.00
6.60	0.19	2,053	169.44	0.00
6.70	0.19	2,122	169.48	0.00
6.80	0.20	2,193	169.52	0.00
6.90	0.21	2,266	169.55	0.00
7.00	0.21	2,341	169.59	0.00
7.10	0.22	2,419	169.63	0.00
7.20	0.23	2,499	169.67	0.00
7.30	0.23	2,581	169.71	0.00
7.40	0.24	2,666	169.75	0.00
7.50	0.24	2,752	169.79	0.00
7.60	0.25	2,842	169.84	0.00
7.70	0.26	2,933	169.88	0.00
7.80	0.26	3,027	169.92	0.00
7.90	0.27	3,123	169.97	0.00
8.00	0.28	3,222	170.01	0.00
8.10	0.28	3,323	170.06	0.00
8.20	0.29	3,426	170.10	0.00
8.30	0.30	3,532	170.15	0.00
8.40	0.30	3,641	170.19	0.00
8.50	0.31	3,752	170.24	0.00
8.60	0.32	3,865	170.29	0.00
8.70	0.33	3,981	170.34	0.00
8.80	0.33	4,099	170.38	0.00
8.90	0.34	4,220	170.43	0.00
9.00	0.35	4,344	170.48	0.00
9.10	0.36	4,470	170.53	0.00
9.20	0.37	4,602	170.58	0.00
9.30	0.40	4,740	170.63	0.01
9.40	0.42	4,879	170.68	0.03
9.50	0.44	5,014	170.73	0.07
9.60	0.46	5,141	170.78	0.12
9.70	0.48	5,257	170.82	0.18
9.80	0.51	5,361	170.86	0.23
9.90	0.53	5,453	170.89	0.29
10.00	0.55	5,535	170.92	0.34
10.10	0.58	5,607	170.95	0.39
10.20	0.60	5,672	170.97	0.43
10.30	0.62	5,731	170.99	0.47

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.65	5,784	171.01	0.51
10.50	0.67	5,834	171.02	0.54
10.60	0.71	5,882	171.04	0.57
10.70	0.78	5,937	171.06	0.61
10.80	0.86	6,004	171.08	0.66
10.90	0.95	6,084	171.11	0.71
11.00	1.04	6,174	171.14	0.77
11.10	1.14	6,275	171.17	0.84
11.20	1.29	6,397	171.21	0.91
11.30	1.45	6,550	171.26	0.98
11.40	1.62	6,736	171.32	1.06
11.50	1.78	6,950	171.39	1.14
11.60	2.14	7,212	171.47	1.24
11.70	2.81	7,637	171.60	1.38
11.80	3.39	8,215	171.77	1.56
11.90	4.55	8,936	171.97	2.37
12.00	6.84	9,837	172.21	3.86
12.10	11.47	11,017	172.52	8.02
12.20	13.71	11,959	172.76	12.87
12.30	8.23	11,535	172.65	10.58
12.40	5.25	10,790	172.46	6.98
12.50	3.84	10,275	172.33	4.98
12.60	3.10	9,924	172.23	4.02
12.70	2.33	9,561	172.14	3.37
12.80	2.01	9,229	172.05	2.81
12.90	1.81	8,975	171.98	2.43
13.00	1.63	8,772	171.92	2.14
13.10	1.45	8,596	171.87	1.92
13.20	1.30	8,433	171.83	1.74
13.30	1.19	8,279	171.78	1.61
13.40	1.09	8,130	171.74	1.52
13.50	1.00	7,969	171.69	1.48
13.60	0.91	7,790	171.64	1.42
13.70	0.83	7,601	171.59	1.37
13.80	0.79	7,412	171.53	1.31
13.90	0.77	7,233	171.47	1.25
14.00	0.74	7,066	171.42	1.19
14.10	0.72	6,912	171.38	1.13
14.20	0.69	6,769	171.33	1.07
14.30	0.67	6,639	171.29	1.02
14.40	0.65	6,520	171.25	0.96
14.50	0.62	6,410	171.22	0.92
14.60	0.60	6,310	171.18	0.86
14.70	0.57	6,222	171.15	0.80
14.80	0.55	6,143	171.13	0.75
14.90	0.53	6,074	171.11	0.71
15.00	0.50	6,012	171.08	0.66
15.10	0.48	5,956	171.07	0.63
15.20	0.46	5,906	171.05	0.59
15.30	0.45	5,862	171.03	0.56
15.40	0.44	5,825	171.02	0.53
15.50	0.43	5,794	171.01	0.51

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.43	5,768	171.00	0.49
15.70	0.42	5,745	170.99	0.48
15.80	0.41	5,726	170.99	0.47
15.90	0.41	5,708	170.98	0.45
16.00	0.40	5,693	170.98	0.44
16.10	0.40	5,678	170.97	0.43
16.20	0.39	5,665	170.97	0.42
16.30	0.38	5,653	170.96	0.42
16.40	0.38	5,641	170.96	0.41
16.50	0.37	5,630	170.95	0.40
16.60	0.36	5,618	170.95	0.39
16.70	0.36	5,608	170.95	0.39
16.80	0.35	5,597	170.94	0.38
16.90	0.34	5,587	170.94	0.37
17.00	0.34	5,576	170.94	0.37
17.10	0.33	5,566	170.93	0.36
17.20	0.33	5,556	170.93	0.35
17.30	0.32	5,546	170.92	0.35
17.40	0.31	5,536	170.92	0.34
17.50	0.31	5,526	170.92	0.33
17.60	0.30	5,516	170.91	0.33
17.70	0.29	5,506	170.91	0.32
17.80	0.29	5,496	170.91	0.32
17.90	0.28	5,485	170.90	0.31
18.00	0.27	5,475	170.90	0.30
18.10	0.27	5,465	170.90	0.30
18.20	0.26	5,454	170.89	0.29
18.30	0.26	5,445	170.89	0.28
18.40	0.26	5,437	170.89	0.28
18.50	0.26	5,429	170.88	0.27
18.60	0.25	5,423	170.88	0.27
18.70	0.25	5,417	170.88	0.27
18.80	0.25	5,412	170.88	0.26
18.90	0.25	5,408	170.88	0.26
19.00	0.25	5,403	170.87	0.26
19.10	0.25	5,400	170.87	0.26
19.20	0.24	5,396	170.87	0.25
19.30	0.24	5,392	170.87	0.25
19.40	0.24	5,389	170.87	0.25
19.50	0.24	5,386	170.87	0.25
19.60	0.24	5,383	170.87	0.25
19.70	0.24	5,380	170.87	0.25
19.80	0.24	5,376	170.87	0.24
19.90	0.23	5,374	170.86	0.24
20.00	0.23	5,371	170.86	0.24
20.10	0.23	5,368	170.86	0.24
20.20	0.23	5,365	170.86	0.24
20.30	0.23	5,361	170.86	0.24
20.40	0.23	5,358	170.86	0.23
20.50	0.22	5,355	170.86	0.23
20.60	0.22	5,352	170.86	0.23
20.70	0.22	5,350	170.86	0.23

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.22	5,347	170.85	0.23
20.90	0.22	5,344	170.85	0.23
21.00	0.22	5,341	170.85	0.22
21.10	0.21	5,338	170.85	0.22
21.20	0.21	5,335	170.85	0.22
21.30	0.21	5,332	170.85	0.22
21.40	0.21	5,329	170.85	0.22
21.50	0.21	5,326	170.85	0.22
21.60	0.21	5,323	170.85	0.21
21.70	0.20	5,320	170.85	0.21
21.80	0.20	5,317	170.84	0.21
21.90	0.20	5,314	170.84	0.21
22.00	0.20	5,311	170.84	0.21
22.10	0.20	5,308	170.84	0.21
22.20	0.20	5,305	170.84	0.20
22.30	0.20	5,303	170.84	0.20
22.40	0.19	5,300	170.84	0.20
22.50	0.19	5,297	170.84	0.20
22.60	0.19	5,294	170.84	0.20
22.70	0.19	5,291	170.83	0.20
22.80	0.19	5,288	170.83	0.20
22.90	0.18	5,285	170.83	0.19
23.00	0.18	5,282	170.83	0.19
23.10	0.18	5,279	170.83	0.19
23.20	0.18	5,276	170.83	0.19
23.30	0.18	5,273	170.83	0.19
23.40	0.18	5,270	170.83	0.19
23.50	0.18	5,267	170.83	0.18
23.60	0.17	5,264	170.83	0.18
23.70	0.17	5,261	170.82	0.18
23.80	0.17	5,258	170.82	0.18
23.90	0.17	5,255	170.82	0.18
24.00	0.18	5,253	170.82	0.18
24.10	0.15	5,252	170.82	0.18
24.20	0.04	5,224	170.81	0.16
24.30	0.01	5,178	170.79	0.14
24.40	0.00	5,133	170.78	0.12
24.50	0.00	5,093	170.76	0.10
24.60	0.00	5,058	170.75	0.09
24.70	0.00	5,028	170.74	0.08
24.80	0.00	5,001	170.73	0.07
24.90	0.00	4,978	170.72	0.06
25.00	0.00	4,957	170.71	0.05
25.10	0.00	4,939	170.71	0.05
25.20	0.00	4,922	170.70	0.05
25.30	0.00	4,906	170.70	0.04
25.40	0.00	4,892	170.69	0.04
25.50	0.00	4,880	170.69	0.03
25.60	0.00	4,868	170.68	0.03
25.70	0.00	4,858	170.68	0.03
25.80	0.00	4,848	170.67	0.02
25.90	0.00	4,839	170.67	0.02

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,831	170.67	0.02
26.10	0.00	4,824	170.66	0.02
26.20	0.00	4,816	170.66	0.02
26.30	0.00	4,809	170.66	0.02
26.40	0.00	4,803	170.66	0.02
26.50	0.00	4,796	170.65	0.02
26.60	0.00	4,791	170.65	0.02
26.70	0.00	4,785	170.65	0.02
26.80	0.00	4,780	170.65	0.01
26.90	0.00	4,775	170.65	0.01
27.00	0.00	4,770	170.64	0.01
27.10	0.00	4,766	170.64	0.01
27.20	0.00	4,761	170.64	0.01
27.30	0.00	4,757	170.64	0.01
27.40	0.00	4,754	170.64	0.01
27.50	0.00	4,750	170.64	0.01
27.60	0.00	4,747	170.64	0.01
27.70	0.00	4,744	170.63	0.01
27.80	0.00	4,741	170.63	0.01
27.90	0.00	4,738	170.63	0.01
28.00	0.00	4,735	170.63	0.01
28.10	0.00	4,732	170.63	0.01
28.20	0.00	4,730	170.63	0.01
28.30	0.00	4,728	170.63	0.01
28.40	0.00	4,726	170.63	0.01
28.50	0.00	4,724	170.63	0.01
28.60	0.00	4,722	170.63	0.01
28.70	0.00	4,720	170.63	0.00
28.80	0.00	4,718	170.62	0.00
28.90	0.00	4,716	170.62	0.00
29.00	0.00	4,715	170.62	0.00
29.10	0.00	4,713	170.62	0.00
29.20	0.00	4,712	170.62	0.00
29.30	0.00	4,711	170.62	0.00
29.40	0.00	4,709	170.62	0.00
29.50	0.00	4,708	170.62	0.00
29.60	0.00	4,706	170.62	0.00
29.70	0.00	4,705	170.62	0.00
29.80	0.00	4,704	170.62	0.00
29.90	0.00	4,702	170.62	0.00
30.00	0.00	4,701	170.62	0.00
30.10	0.00	4,700	170.62	0.00
30.20	0.00	4,699	170.62	0.00
30.30	0.00	4,698	170.62	0.00
30.40	0.00	4,696	170.62	0.00
30.50	0.00	4,695	170.62	0.00
30.60	0.00	4,694	170.62	0.00
30.70	0.00	4,693	170.62	0.00
30.80	0.00	4,692	170.61	0.00
30.90	0.00	4,691	170.61	0.00
31.00	0.00	4,690	170.61	0.00
31.10	0.00	4,689	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,688	170.61	0.00
31.30	0.00	4,687	170.61	0.00
31.40	0.00	4,686	170.61	0.00
31.50	0.00	4,685	170.61	0.00
31.60	0.00	4,684	170.61	0.00
31.70	0.00	4,683	170.61	0.00
31.80	0.00	4,682	170.61	0.00
31.90	0.00	4,681	170.61	0.00
32.00	0.00	4,680	170.61	0.00
32.10	0.00	4,679	170.61	0.00
32.20	0.00	4,678	170.61	0.00
32.30	0.00	4,677	170.61	0.00
32.40	0.00	4,676	170.61	0.00
32.50	0.00	4,676	170.61	0.00
32.60	0.00	4,675	170.61	0.00
32.70	0.00	4,674	170.61	0.00
32.80	0.00	4,673	170.61	0.00
32.90	0.00	4,672	170.61	0.00
33.00	0.00	4,672	170.61	0.00
33.10	0.00	4,671	170.61	0.00
33.20	0.00	4,670	170.61	0.00
33.30	0.00	4,669	170.61	0.00
33.40	0.00	4,669	170.61	0.00
33.50	0.00	4,668	170.61	0.00
33.60	0.00	4,667	170.61	0.00
33.70	0.00	4,667	170.61	0.00
33.80	0.00	4,666	170.61	0.00
33.90	0.00	4,665	170.60	0.00
34.00	0.00	4,665	170.60	0.00
34.10	0.00	4,664	170.60	0.00
34.20	0.00	4,663	170.60	0.00
34.30	0.00	4,663	170.60	0.00
34.40	0.00	4,662	170.60	0.00
34.50	0.00	4,661	170.60	0.00
34.60	0.00	4,661	170.60	0.00
34.70	0.00	4,660	170.60	0.00
34.80	0.00	4,660	170.60	0.00
34.90	0.00	4,659	170.60	0.00
35.00	0.00	4,659	170.60	0.00
35.10	0.00	4,658	170.60	0.00
35.20	0.00	4,658	170.60	0.00
35.30	0.00	4,657	170.60	0.00
35.40	0.00	4,657	170.60	0.00
35.50	0.00	4,656	170.60	0.00
35.60	0.00	4,655	170.60	0.00
35.70	0.00	4,655	170.60	0.00
35.80	0.00	4,655	170.60	0.00
35.90	0.00	4,654	170.60	0.00
36.00	0.00	4,654	170.60	0.00
36.10	0.00	4,653	170.60	0.00
36.20	0.00	4,653	170.60	0.00
36.30	0.00	4,652	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,652	170.60	0.00
36.50	0.00	4,651	170.60	0.00
36.60	0.00	4,651	170.60	0.00
36.70	0.00	4,651	170.60	0.00
36.80	0.00	4,650	170.60	0.00
36.90	0.00	4,650	170.60	0.00
37.00	0.00	4,649	170.60	0.00
37.10	0.00	4,649	170.60	0.00
37.20	0.00	4,649	170.60	0.00
37.30	0.00	4,648	170.60	0.00
37.40	0.00	4,648	170.60	0.00
37.50	0.00	4,647	170.60	0.00
37.60	0.00	4,647	170.60	0.00
37.70	0.00	4,647	170.60	0.00
37.80	0.00	4,646	170.60	0.00
37.90	0.00	4,646	170.60	0.00
38.00	0.00	4,646	170.60	0.00
38.10	0.00	4,645	170.60	0.00
38.20	0.00	4,645	170.60	0.00
38.30	0.00	4,645	170.60	0.00
38.40	0.00	4,644	170.60	0.00
38.50	0.00	4,644	170.60	0.00
38.60	0.00	4,644	170.60	0.00
38.70	0.00	4,644	170.60	0.00
38.80	0.00	4,643	170.60	0.00
38.90	0.00	4,643	170.60	0.00
39.00	0.00	4,643	170.60	0.00
39.10	0.00	4,642	170.60	0.00
39.20	0.00	4,642	170.60	0.00
39.30	0.00	4,642	170.60	0.00
39.40	0.00	4,642	170.60	0.00
39.50	0.00	4,641	170.60	0.00
39.60	0.00	4,641	170.60	0.00
39.70	0.00	4,641	170.60	0.00
39.80	0.00	4,641	170.60	0.00
39.90	0.00	4,640	170.60	0.00
40.00	0.00	4,640	170.60	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 6.32" for Current 100 yr event
 Inflow = 15.14 cfs @ 12.17 hrs, Volume= 1.230 af
 Outflow = 10.93 cfs @ 12.27 hrs, Volume= 1.150 af, Atten= 28%, Lag= 5.7 min
 Primary = 10.93 cfs @ 12.27 hrs, Volume= 1.150 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 169.72' @ 12.27 hrs Surf.Area= 3,784 sf Storage= 8,924 cf

Plug-Flow detention time= 74.8 min calculated for 1.150 af (94% of inflow)
 Center-of-Mass det. time= 38.0 min (824.5 - 786.5)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=10.83 cfs @ 12.27 hrs HW=169.70' (Free Discharge)

1=Culvert (Passes 10.83 cfs of 13.59 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 10.55 cfs @ 5.63 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.28 cfs @ 1.46 fps)
 4=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

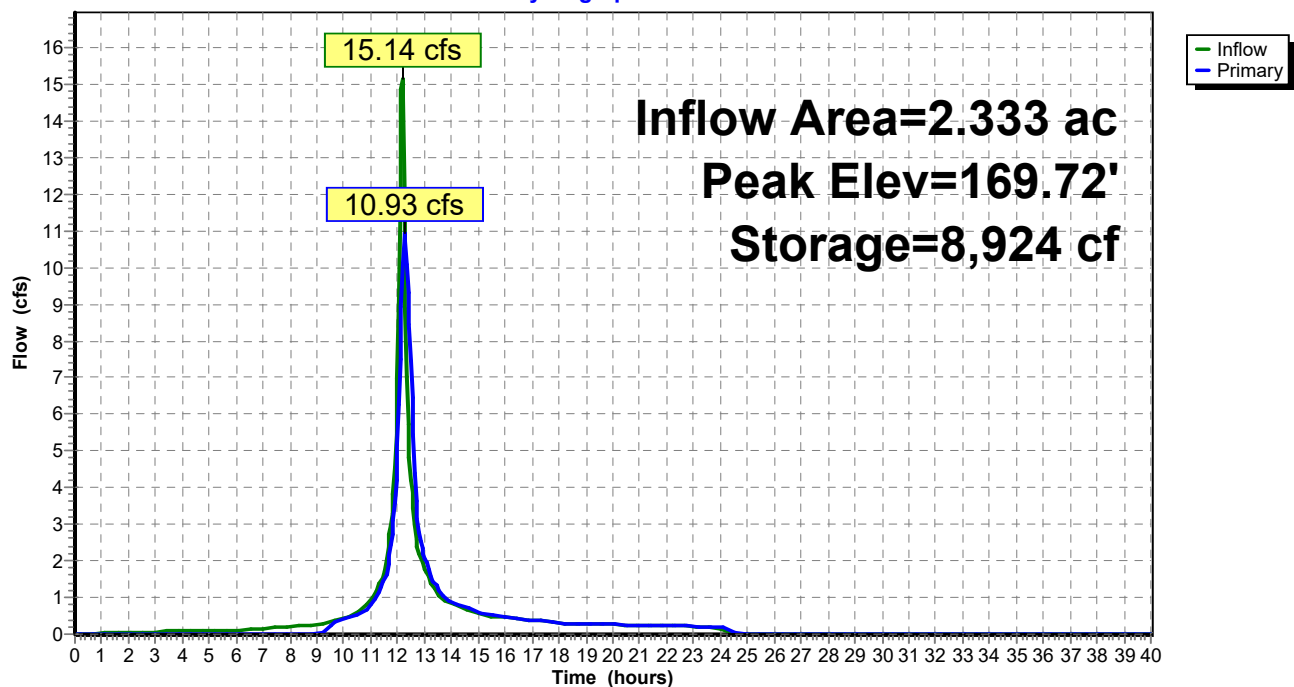
Pond B-28: Basin #28

Orifice Gate

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.01	2	166.00	0.00
0.80	0.01	5	166.00	0.00
0.90	0.02	10	166.01	0.00
1.00	0.02	17	166.01	0.00
1.10	0.03	26	166.02	0.00
1.20	0.03	36	166.03	0.00
1.30	0.03	47	166.04	0.00
1.40	0.04	60	166.05	0.00
1.50	0.04	73	166.06	0.00
1.60	0.04	88	166.08	0.00
1.70	0.05	104	166.09	0.00
1.80	0.05	121	166.10	0.00
1.90	0.05	139	166.12	0.00
2.00	0.05	157	166.13	0.00
2.10	0.06	177	166.15	0.00
2.20	0.06	197	166.16	0.00
2.30	0.06	218	166.18	0.00
2.40	0.06	240	166.20	0.00
2.50	0.06	262	166.22	0.00
2.60	0.06	285	166.23	0.00
2.70	0.07	308	166.25	0.00
2.80	0.07	333	166.27	0.00
2.90	0.07	357	166.29	0.00
3.00	0.07	383	166.31	0.00
3.10	0.07	409	166.33	0.00
3.20	0.07	435	166.35	0.00
3.30	0.08	462	166.37	0.00
3.40	0.08	489	166.39	0.00
3.50	0.08	517	166.41	0.00
3.60	0.08	545	166.43	0.00
3.70	0.08	574	166.45	0.00
3.80	0.08	603	166.47	0.00
3.90	0.08	633	166.49	0.00
4.00	0.08	663	166.51	0.00
4.10	0.09	693	166.53	0.00
4.20	0.09	724	166.55	0.00
4.30	0.09	755	166.57	0.00
4.40	0.09	787	166.59	0.00
4.50	0.09	819	166.61	0.00
4.60	0.09	851	166.63	0.00
4.70	0.09	884	166.65	0.00
4.80	0.09	917	166.67	0.00
4.90	0.09	950	166.70	0.00
5.00	0.09	984	166.72	0.00
5.10	0.10	1,018	166.74	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,053	166.76	0.00
5.30	0.10	1,088	166.78	0.00
5.40	0.10	1,123	166.80	0.00
5.50	0.10	1,158	166.82	0.00
5.60	0.10	1,194	166.85	0.00
5.70	0.10	1,230	166.87	0.00
5.80	0.10	1,267	166.89	0.00
5.90	0.10	1,304	166.91	0.00
6.00	0.10	1,341	166.93	0.00
6.10	0.11	1,379	166.95	0.00
6.20	0.11	1,417	166.97	0.00
6.30	0.11	1,456	167.00	0.00
6.40	0.11	1,496	167.02	0.00
6.50	0.12	1,538	167.04	0.00
6.60	0.12	1,581	167.07	0.00
6.70	0.13	1,626	167.09	0.00
6.80	0.13	1,673	167.12	0.00
6.90	0.14	1,722	167.14	0.00
7.00	0.14	1,772	167.17	0.00
7.10	0.15	1,825	167.20	0.00
7.20	0.15	1,879	167.23	0.00
7.30	0.16	1,936	167.25	0.00
7.40	0.17	1,994	167.28	0.00
7.50	0.17	2,055	167.31	0.00
7.60	0.18	2,117	167.35	0.00
7.70	0.18	2,182	167.38	0.00
7.80	0.19	2,249	167.41	0.00
7.90	0.20	2,318	167.44	0.00
8.00	0.20	2,389	167.48	0.00
8.10	0.21	2,463	167.51	0.00
8.20	0.21	2,539	167.55	0.00
8.30	0.22	2,617	167.58	0.00
8.40	0.23	2,698	167.62	0.00
8.50	0.23	2,781	167.66	0.00
8.60	0.24	2,867	167.70	0.00
8.70	0.25	2,955	167.74	0.00
8.80	0.26	3,045	167.77	0.00
8.90	0.26	3,139	167.81	0.00
9.00	0.27	3,234	167.86	0.00
9.10	0.28	3,333	167.90	0.00
9.20	0.30	3,436	167.94	0.00
9.30	0.31	3,539	167.98	0.05
9.40	0.33	3,622	168.02	0.14
9.50	0.35	3,681	168.04	0.22
9.60	0.37	3,722	168.06	0.28
9.70	0.39	3,751	168.07	0.32
9.80	0.42	3,773	168.08	0.36
9.90	0.44	3,791	168.08	0.39
10.00	0.46	3,806	168.09	0.42
10.10	0.48	3,820	168.09	0.45
10.20	0.51	3,833	168.10	0.47
10.30	0.53	3,846	168.11	0.49

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.55	3,860	168.11	0.52
10.50	0.58	3,873	168.12	0.54
10.60	0.62	3,888	168.12	0.57
10.70	0.68	3,909	168.13	0.61
10.80	0.76	3,938	168.14	0.67
10.90	0.84	3,972	168.15	0.74
11.00	0.93	4,010	168.17	0.82
11.10	1.03	4,050	168.18	0.91
11.20	1.18	4,099	168.20	1.02
11.30	1.33	4,158	168.23	1.16
11.40	1.50	4,222	168.25	1.32
11.50	1.67	4,288	168.27	1.49
11.60	2.04	4,371	168.31	1.70
11.70	2.70	4,539	168.37	2.17
11.80	3.31	4,732	168.44	2.73
11.90	4.52	5,002	168.53	3.57
12.00	6.96	5,474	168.69	5.15
12.10	11.98	6,537	169.04	7.52
12.20	14.64	8,410	169.58	10.14
12.30	8.90	8,800	169.68	10.73
12.40	5.74	7,769	169.40	9.31
12.50	4.23	6,504	169.03	7.46
12.60	3.43	5,565	168.72	5.43
12.70	2.59	5,028	168.54	3.65
12.80	2.23	4,747	168.44	2.78
12.90	2.01	4,597	168.39	2.33
13.00	1.81	4,499	168.35	2.05
13.10	1.63	4,419	168.32	1.83
13.20	1.45	4,348	168.30	1.64
13.30	1.33	4,287	168.27	1.49
13.40	1.23	4,237	168.26	1.36
13.50	1.12	4,193	168.24	1.25
13.60	1.02	4,149	168.22	1.14
13.70	0.94	4,108	168.21	1.04
13.80	0.89	4,075	168.19	0.97
13.90	0.86	4,052	168.19	0.92
14.00	0.84	4,035	168.18	0.88
14.10	0.81	4,020	168.17	0.85
14.20	0.78	4,007	168.17	0.82
14.30	0.76	3,995	168.16	0.79
14.40	0.73	3,983	168.16	0.76
14.50	0.70	3,970	168.15	0.74
14.60	0.68	3,957	168.15	0.71
14.70	0.65	3,944	168.14	0.69
14.80	0.62	3,931	168.14	0.66
14.90	0.60	3,918	168.13	0.63
15.00	0.57	3,904	168.13	0.60
15.10	0.54	3,891	168.12	0.58
15.20	0.52	3,878	168.12	0.55
15.30	0.51	3,868	168.11	0.53
15.40	0.50	3,860	168.11	0.52
15.50	0.49	3,854	168.11	0.51

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	3,849	168.11	0.50
15.70	0.48	3,844	168.10	0.49
15.80	0.47	3,840	168.10	0.48
15.90	0.46	3,836	168.10	0.47
16.00	0.46	3,832	168.10	0.47
16.10	0.45	3,828	168.10	0.46
16.20	0.44	3,824	168.10	0.45
16.30	0.43	3,820	168.09	0.45
16.40	0.43	3,816	168.09	0.44
16.50	0.42	3,812	168.09	0.43
16.60	0.41	3,808	168.09	0.42
16.70	0.41	3,804	168.09	0.42
16.80	0.40	3,800	168.09	0.41
16.90	0.39	3,796	168.09	0.40
17.00	0.38	3,792	168.08	0.39
17.10	0.38	3,788	168.08	0.39
17.20	0.37	3,784	168.08	0.38
17.30	0.36	3,780	168.08	0.37
17.40	0.35	3,775	168.08	0.37
17.50	0.35	3,771	168.08	0.36
17.60	0.34	3,767	168.07	0.35
17.70	0.33	3,763	168.07	0.34
17.80	0.33	3,759	168.07	0.34
17.90	0.32	3,755	168.07	0.33
18.00	0.31	3,751	168.07	0.32
18.10	0.30	3,746	168.07	0.32
18.20	0.30	3,742	168.06	0.31
18.30	0.30	3,738	168.06	0.30
18.40	0.29	3,735	168.06	0.30
18.50	0.29	3,733	168.06	0.30
18.60	0.29	3,731	168.06	0.29
18.70	0.29	3,730	168.06	0.29
18.80	0.29	3,728	168.06	0.29
18.90	0.28	3,727	168.06	0.29
19.00	0.28	3,726	168.06	0.29
19.10	0.28	3,724	168.06	0.28
19.20	0.28	3,723	168.06	0.28
19.30	0.28	3,722	168.06	0.28
19.40	0.28	3,721	168.06	0.28
19.50	0.27	3,720	168.05	0.28
19.60	0.27	3,718	168.05	0.27
19.70	0.27	3,717	168.05	0.27
19.80	0.27	3,716	168.05	0.27
19.90	0.27	3,715	168.05	0.27
20.00	0.26	3,714	168.05	0.27
20.10	0.26	3,713	168.05	0.27
20.20	0.26	3,711	168.05	0.26
20.30	0.26	3,710	168.05	0.26
20.40	0.26	3,709	168.05	0.26
20.50	0.26	3,708	168.05	0.26
20.60	0.25	3,706	168.05	0.26
20.70	0.25	3,705	168.05	0.26

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	3,704	168.05	0.25
20.90	0.25	3,703	168.05	0.25
21.00	0.25	3,702	168.05	0.25
21.10	0.24	3,700	168.05	0.25
21.20	0.24	3,699	168.05	0.25
21.30	0.24	3,698	168.05	0.24
21.40	0.24	3,697	168.05	0.24
21.50	0.24	3,696	168.05	0.24
21.60	0.24	3,694	168.04	0.24
21.70	0.23	3,693	168.04	0.24
21.80	0.23	3,692	168.04	0.24
21.90	0.23	3,691	168.04	0.23
22.00	0.23	3,690	168.04	0.23
22.10	0.23	3,688	168.04	0.23
22.20	0.22	3,687	168.04	0.23
22.30	0.22	3,686	168.04	0.23
22.40	0.22	3,685	168.04	0.22
22.50	0.22	3,684	168.04	0.22
22.60	0.22	3,682	168.04	0.22
22.70	0.22	3,681	168.04	0.22
22.80	0.21	3,680	168.04	0.22
22.90	0.21	3,679	168.04	0.22
23.00	0.21	3,677	168.04	0.21
23.10	0.21	3,676	168.04	0.21
23.20	0.21	3,675	168.04	0.21
23.30	0.20	3,674	168.04	0.21
23.40	0.20	3,672	168.04	0.21
23.50	0.20	3,671	168.04	0.20
23.60	0.20	3,670	168.04	0.20
23.70	0.20	3,669	168.03	0.20
23.80	0.20	3,668	168.03	0.20
23.90	0.19	3,667	168.03	0.20
24.00	0.20	3,666	168.03	0.20
24.10	0.17	3,667	168.03	0.20
24.20	0.05	3,640	168.02	0.16
24.30	0.01	3,601	168.01	0.11
24.40	0.00	3,570	167.99	0.08
24.50	0.00	3,547	167.99	0.05
24.60	0.00	3,530	167.98	0.04
24.70	0.00	3,517	167.97	0.03
24.80	0.00	3,507	167.97	0.03
24.90	0.00	3,498	167.97	0.02
25.00	0.00	3,491	167.96	0.02
25.10	0.00	3,486	167.96	0.01
25.20	0.00	3,481	167.96	0.01
25.30	0.00	3,477	167.96	0.01
25.40	0.00	3,474	167.96	0.01
25.50	0.00	3,472	167.95	0.01
25.60	0.00	3,470	167.95	0.01
25.70	0.00	3,468	167.95	0.00
25.80	0.00	3,467	167.95	0.00
25.90	0.00	3,465	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,465	167.95	0.00
26.10	0.00	3,464	167.95	0.00
26.20	0.00	3,463	167.95	0.00
26.30	0.00	3,463	167.95	0.00
26.40	0.00	3,462	167.95	0.00
26.50	0.00	3,462	167.95	0.00
26.60	0.00	3,462	167.95	0.00
26.70	0.00	3,462	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

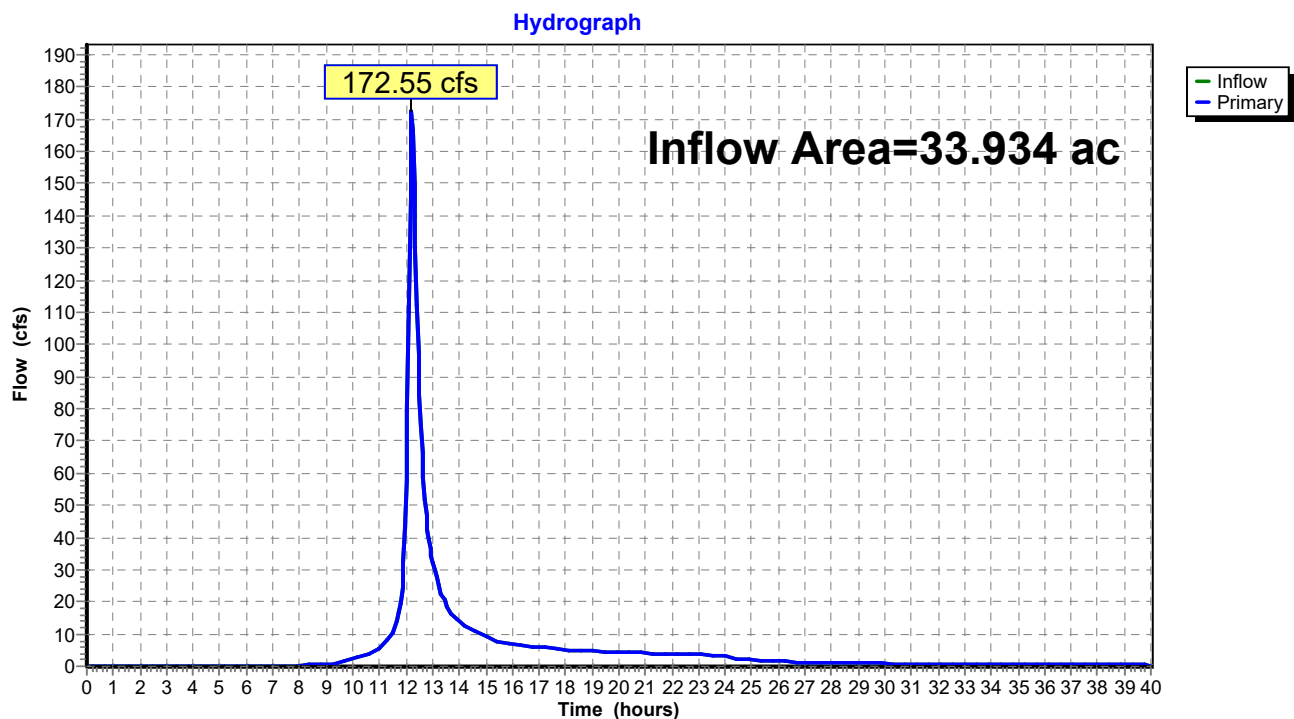
Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 5.76" for Current 100 yr event
Inflow = 172.55 cfs @ 12.22 hrs, Volume= 16.282 af
Primary = 172.55 cfs @ 12.22 hrs, Volume= 16.282 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.22	0.00	0.22
5.25	0.00	0.00	0.00	7.85	0.23	0.00	0.23
5.30	0.00	0.00	0.00	7.90	0.25	0.00	0.25
5.35	0.00	0.00	0.00	7.95	0.26	0.00	0.26
5.40	0.00	0.00	0.00	8.00	0.27	0.00	0.27
5.45	0.00	0.00	0.00	8.05	0.28	0.00	0.28
5.50	0.00	0.00	0.00	8.10	0.29	0.00	0.29
5.55	0.00	0.00	0.00	8.15	0.30	0.00	0.30
5.60	0.00	0.00	0.00	8.20	0.31	0.00	0.31
5.65	0.00	0.00	0.00	8.25	0.32	0.00	0.32
5.70	0.00	0.00	0.00	8.30	0.33	0.00	0.33
5.75	0.00	0.00	0.00	8.35	0.35	0.00	0.35
5.80	0.00	0.00	0.00	8.40	0.36	0.00	0.36
5.85	0.00	0.00	0.00	8.45	0.37	0.00	0.37
5.90	0.00	0.00	0.00	8.50	0.38	0.00	0.38
5.95	0.00	0.00	0.00	8.55	0.39	0.00	0.39
6.00	0.00	0.00	0.00	8.60	0.41	0.00	0.41
6.05	0.00	0.00	0.00	8.65	0.42	0.00	0.42
6.10	0.00	0.00	0.00	8.70	0.43	0.00	0.43
6.15	0.00	0.00	0.00	8.75	0.45	0.00	0.45
6.20	0.00	0.00	0.00	8.80	0.46	0.00	0.46
6.25	0.00	0.00	0.00	8.85	0.47	0.00	0.47
6.30	0.00	0.00	0.00	8.90	0.48	0.00	0.48
6.35	0.00	0.00	0.00	8.95	0.50	0.00	0.50
6.40	0.00	0.00	0.00	9.00	0.51	0.00	0.51
6.45	0.01	0.00	0.01	9.05	0.53	0.00	0.53
6.50	0.01	0.00	0.01	9.10	0.54	0.00	0.54
6.55	0.02	0.00	0.02	9.15	0.57	0.00	0.57
6.60	0.03	0.00	0.03	9.20	0.59	0.00	0.59
6.65	0.03	0.00	0.03	9.25	0.63	0.00	0.63
6.70	0.04	0.00	0.04	9.30	0.70	0.00	0.70
6.75	0.05	0.00	0.05	9.35	0.80	0.00	0.80
6.80	0.05	0.00	0.05	9.40	0.90	0.00	0.90
6.85	0.06	0.00	0.06	9.45	1.01	0.00	1.01
6.90	0.07	0.00	0.07	9.50	1.12	0.00	1.12
6.95	0.07	0.00	0.07	9.55	1.24	0.00	1.24
7.00	0.08	0.00	0.08	9.60	1.36	0.00	1.36
7.05	0.09	0.00	0.09	9.65	1.48	0.00	1.48
7.10	0.10	0.00	0.10	9.70	1.60	0.00	1.60
7.15	0.11	0.00	0.11	9.75	1.72	0.00	1.72
7.20	0.11	0.00	0.11	9.80	1.84	0.00	1.84
7.25	0.12	0.00	0.12	9.85	1.96	0.00	1.96
7.30	0.13	0.00	0.13	9.90	2.09	0.00	2.09
7.35	0.14	0.00	0.14	9.95	2.21	0.00	2.21
7.40	0.15	0.00	0.15	10.00	2.33	0.00	2.33
7.45	0.16	0.00	0.16	10.05	2.46	0.00	2.46
7.50	0.17	0.00	0.17	10.10	2.58	0.00	2.58
7.55	0.18	0.00	0.18	10.15	2.70	0.00	2.70
7.60	0.19	0.00	0.19	10.20	2.82	0.00	2.82
7.65	0.19	0.00	0.19	10.25	2.94	0.00	2.94
7.70	0.20	0.00	0.20	10.30	3.06	0.00	3.06
7.75	0.21	0.00	0.21	10.35	3.18	0.00	3.18

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	3.30	0.00	3.30	13.00	32.08	0.00	32.08
10.45	3.42	0.00	3.42	13.05	30.20	0.00	30.20
10.50	3.54	0.00	3.54	13.10	28.48	0.00	28.48
10.55	3.67	0.00	3.67	13.15	26.88	0.00	26.88
10.60	3.82	0.00	3.82	13.20	25.43	0.00	25.43
10.65	4.00	0.00	4.00	13.25	24.15	0.00	24.15
10.70	4.20	0.00	4.20	13.30	23.01	0.00	23.01
10.75	4.41	0.00	4.41	13.35	21.97	0.00	21.97
10.80	4.64	0.00	4.64	13.40	21.04	0.00	21.04
10.85	4.88	0.00	4.88	13.45	20.17	0.00	20.17
10.90	5.13	0.00	5.13	13.50	19.33	0.00	19.33
10.95	5.39	0.00	5.39	13.55	18.52	0.00	18.52
11.00	5.66	0.00	5.66	13.60	17.74	0.00	17.74
11.05	5.94	0.00	5.94	13.65	16.99	0.00	16.99
11.10	6.26	0.00	6.26	13.70	16.32	0.00	16.32
11.15	6.63	0.00	6.63	13.75	15.75	0.00	15.75
11.20	7.03	0.00	7.03	13.80	15.25	0.00	15.25
11.25	7.45	0.00	7.45	13.85	14.81	0.00	14.81
11.30	7.89	0.00	7.89	13.90	14.42	0.00	14.42
11.35	8.35	0.00	8.35	13.95	14.07	0.00	14.07
11.40	8.84	0.00	8.84	14.00	13.74	0.00	13.74
11.45	9.33	0.00	9.33	14.05	13.44	0.00	13.44
11.50	9.82	0.00	9.82	14.10	13.15	0.00	13.15
11.55	10.40	0.00	10.40	14.15	12.87	0.00	12.87
11.60	11.52	0.00	11.52	14.20	12.61	0.00	12.61
11.65	13.12	0.00	13.12	14.25	12.37	0.00	12.37
11.70	14.90	0.00	14.90	14.30	12.13	0.00	12.13
11.75	16.88	0.00	16.88	14.35	11.90	0.00	11.90
11.80	19.63	0.00	19.63	14.40	11.67	0.00	11.67
11.85	24.49	0.00	24.49	14.45	11.45	0.00	11.45
11.90	31.89	0.00	31.89	14.50	11.24	0.00	11.24
11.95	42.25	0.00	42.25	14.55	11.02	0.00	11.02
12.00	57.58	0.00	57.58	14.60	10.81	0.00	10.81
12.05	79.34	0.00	79.34	14.65	10.60	0.00	10.60
12.10	110.01	0.00	110.01	14.70	10.38	0.00	10.38
12.15	145.59	0.00	145.59	14.75	10.17	0.00	10.17
12.20	170.70	0.00	170.70	14.80	9.97	0.00	9.97
12.25	166.44	0.00	166.44	14.85	9.77	0.00	9.77
12.30	149.39	0.00	149.39	14.90	9.57	0.00	9.57
12.35	130.69	0.00	130.69	14.95	9.37	0.00	9.37
12.40	112.33	0.00	112.33	15.00	9.17	0.00	9.17
12.45	96.67	0.00	96.67	15.05	8.97	0.00	8.97
12.50	84.20	0.00	84.20	15.10	8.77	0.00	8.77
12.55	74.75	0.00	74.75	15.15	8.59	0.00	8.59
12.60	66.50	0.00	66.50	15.20	8.41	0.00	8.41
12.65	58.63	0.00	58.63	15.25	8.26	0.00	8.26
12.70	51.96	0.00	51.96	15.30	8.12	0.00	8.12
12.75	46.72	0.00	46.72	15.35	8.00	0.00	8.00
12.80	42.59	0.00	42.59	15.40	7.89	0.00	7.89
12.85	39.27	0.00	39.27	15.45	7.79	0.00	7.79
12.90	36.52	0.00	36.52	15.50	7.70	0.00	7.70
12.95	34.16	0.00	34.16	15.55	7.61	0.00	7.61

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	7.53	0.00	7.53	18.20	5.00	0.00	5.00
15.65	7.46	0.00	7.46	18.25	4.96	0.00	4.96
15.70	7.38	0.00	7.38	18.30	4.93	0.00	4.93
15.75	7.31	0.00	7.31	18.35	4.90	0.00	4.90
15.80	7.25	0.00	7.25	18.40	4.87	0.00	4.87
15.85	7.18	0.00	7.18	18.45	4.85	0.00	4.85
15.90	7.12	0.00	7.12	18.50	4.83	0.00	4.83
15.95	7.06	0.00	7.06	18.55	4.81	0.00	4.81
16.00	7.01	0.00	7.01	18.60	4.79	0.00	4.79
16.05	6.95	0.00	6.95	18.65	4.77	0.00	4.77
16.10	6.90	0.00	6.90	18.70	4.75	0.00	4.75
16.15	6.85	0.00	6.85	18.75	4.73	0.00	4.73
16.20	6.80	0.00	6.80	18.80	4.71	0.00	4.71
16.25	6.76	0.00	6.76	18.85	4.70	0.00	4.70
16.30	6.71	0.00	6.71	18.90	4.68	0.00	4.68
16.35	6.66	0.00	6.66	18.95	4.67	0.00	4.67
16.40	6.61	0.00	6.61	19.00	4.65	0.00	4.65
16.45	6.57	0.00	6.57	19.05	4.63	0.00	4.63
16.50	6.52	0.00	6.52	19.10	4.62	0.00	4.62
16.55	6.47	0.00	6.47	19.15	4.60	0.00	4.60
16.60	6.43	0.00	6.43	19.20	4.59	0.00	4.59
16.65	6.38	0.00	6.38	19.25	4.58	0.00	4.58
16.70	6.34	0.00	6.34	19.30	4.56	0.00	4.56
16.75	6.29	0.00	6.29	19.35	4.55	0.00	4.55
16.80	6.24	0.00	6.24	19.40	4.53	0.00	4.53
16.85	6.20	0.00	6.20	19.45	4.52	0.00	4.52
16.90	6.15	0.00	6.15	19.50	4.51	0.00	4.51
16.95	6.11	0.00	6.11	19.55	4.49	0.00	4.49
17.00	6.06	0.00	6.06	19.60	4.48	0.00	4.48
17.05	6.02	0.00	6.02	19.65	4.47	0.00	4.47
17.10	5.97	0.00	5.97	19.70	4.45	0.00	4.45
17.15	5.93	0.00	5.93	19.75	4.44	0.00	4.44
17.20	5.89	0.00	5.89	19.80	4.43	0.00	4.43
17.25	5.84	0.00	5.84	19.85	4.42	0.00	4.42
17.30	5.80	0.00	5.80	19.90	4.40	0.00	4.40
17.35	5.75	0.00	5.75	19.95	4.39	0.00	4.39
17.40	5.70	0.00	5.70	20.00	4.37	0.00	4.37
17.45	5.66	0.00	5.66	20.05	4.36	0.00	4.36
17.50	5.61	0.00	5.61	20.10	4.35	0.00	4.35
17.55	5.57	0.00	5.57	20.15	4.33	0.00	4.33
17.60	5.52	0.00	5.52	20.20	4.32	0.00	4.32
17.65	5.48	0.00	5.48	20.25	4.31	0.00	4.31
17.70	5.44	0.00	5.44	20.30	4.29	0.00	4.29
17.75	5.39	0.00	5.39	20.35	4.28	0.00	4.28
17.80	5.35	0.00	5.35	20.40	4.27	0.00	4.27
17.85	5.30	0.00	5.30	20.45	4.26	0.00	4.26
17.90	5.26	0.00	5.26	20.50	4.24	0.00	4.24
17.95	5.22	0.00	5.22	20.55	4.23	0.00	4.23
18.00	5.17	0.00	5.17	20.60	4.22	0.00	4.22
18.05	5.13	0.00	5.13	20.65	4.21	0.00	4.21
18.10	5.08	0.00	5.08	20.70	4.20	0.00	4.20
18.15	5.04	0.00	5.04	20.75	4.18	0.00	4.18

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	4.17	0.00	4.17	23.40	3.48	0.00	3.48
20.85	4.16	0.00	4.16	23.45	3.47	0.00	3.47
20.90	4.14	0.00	4.14	23.50	3.46	0.00	3.46
20.95	4.13	0.00	4.13	23.55	3.45	0.00	3.45
21.00	4.12	0.00	4.12	23.60	3.43	0.00	3.43
21.05	4.10	0.00	4.10	23.65	3.42	0.00	3.42
21.10	4.09	0.00	4.09	23.70	3.41	0.00	3.41
21.15	4.08	0.00	4.08	23.75	3.39	0.00	3.39
21.20	4.06	0.00	4.06	23.80	3.38	0.00	3.38
21.25	4.05	0.00	4.05	23.85	3.37	0.00	3.37
21.30	4.04	0.00	4.04	23.90	3.35	0.00	3.35
21.35	4.03	0.00	4.03	23.95	3.35	0.00	3.35
21.40	4.02	0.00	4.02	24.00	3.37	0.00	3.37
21.45	4.00	0.00	4.00	24.05	3.40	0.00	3.40
21.50	3.99	0.00	3.99	24.10	3.24	0.00	3.24
21.55	3.97	0.00	3.97	24.15	2.92	0.00	2.92
21.60	3.96	0.00	3.96	24.20	2.64	0.00	2.64
21.65	3.95	0.00	3.95	24.25	2.46	0.00	2.46
21.70	3.93	0.00	3.93	24.30	2.34	0.00	2.34
21.75	3.92	0.00	3.92	24.35	2.25	0.00	2.25
21.80	3.91	0.00	3.91	24.40	2.19	0.00	2.19
21.85	3.90	0.00	3.90	24.45	2.14	0.00	2.14
21.90	3.89	0.00	3.89	24.50	2.09	0.00	2.09
21.95	3.87	0.00	3.87	24.55	2.06	0.00	2.06
22.00	3.86	0.00	3.86	24.60	2.03	0.00	2.03
22.05	3.84	0.00	3.84	24.65	2.01	0.00	2.01
22.10	3.83	0.00	3.83	24.70	1.99	0.00	1.99
22.15	3.82	0.00	3.82	24.75	1.97	0.00	1.97
22.20	3.81	0.00	3.81	24.80	1.95	0.00	1.95
22.25	3.79	0.00	3.79	24.85	1.92	0.00	1.92
22.30	3.78	0.00	3.78	24.90	1.90	0.00	1.90
22.35	3.77	0.00	3.77	24.95	1.88	0.00	1.88
22.40	3.75	0.00	3.75	25.00	1.87	0.00	1.87
22.45	3.74	0.00	3.74	25.05	1.85	0.00	1.85
22.50	3.73	0.00	3.73	25.10	1.83	0.00	1.83
22.55	3.71	0.00	3.71	25.15	1.81	0.00	1.81
22.60	3.70	0.00	3.70	25.20	1.79	0.00	1.79
22.65	3.69	0.00	3.69	25.25	1.77	0.00	1.77
22.70	3.68	0.00	3.68	25.30	1.76	0.00	1.76
22.75	3.66	0.00	3.66	25.35	1.74	0.00	1.74
22.80	3.65	0.00	3.65	25.40	1.72	0.00	1.72
22.85	3.63	0.00	3.63	25.45	1.70	0.00	1.70
22.90	3.62	0.00	3.62	25.50	1.69	0.00	1.69
22.95	3.60	0.00	3.60	25.55	1.67	0.00	1.67
23.00	3.59	0.00	3.59	25.60	1.65	0.00	1.65
23.05	3.58	0.00	3.58	25.65	1.64	0.00	1.64
23.10	3.57	0.00	3.57	25.70	1.62	0.00	1.62
23.15	3.55	0.00	3.55	25.75	1.60	0.00	1.60
23.20	3.54	0.00	3.54	25.80	1.59	0.00	1.59
23.25	3.52	0.00	3.52	25.85	1.57	0.00	1.57
23.30	3.51	0.00	3.51	25.90	1.56	0.00	1.56
23.35	3.50	0.00	3.50	25.95	1.54	0.00	1.54

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.53	0.00	1.53	28.60	1.00	0.00	1.00
26.05	1.51	0.00	1.51	28.65	0.99	0.00	0.99
26.10	1.50	0.00	1.50	28.70	0.98	0.00	0.98
26.15	1.49	0.00	1.49	28.75	0.98	0.00	0.98
26.20	1.47	0.00	1.47	28.80	0.97	0.00	0.97
26.25	1.46	0.00	1.46	28.85	0.96	0.00	0.96
26.30	1.45	0.00	1.45	28.90	0.96	0.00	0.96
26.35	1.43	0.00	1.43	28.95	0.95	0.00	0.95
26.40	1.42	0.00	1.42	29.00	0.94	0.00	0.94
26.45	1.41	0.00	1.41	29.05	0.94	0.00	0.94
26.50	1.40	0.00	1.40	29.10	0.93	0.00	0.93
26.55	1.38	0.00	1.38	29.15	0.92	0.00	0.92
26.60	1.37	0.00	1.37	29.20	0.92	0.00	0.92
26.65	1.36	0.00	1.36	29.25	0.91	0.00	0.91
26.70	1.35	0.00	1.35	29.30	0.90	0.00	0.90
26.75	1.34	0.00	1.34	29.35	0.90	0.00	0.90
26.80	1.33	0.00	1.33	29.40	0.89	0.00	0.89
26.85	1.32	0.00	1.32	29.45	0.89	0.00	0.89
26.90	1.31	0.00	1.31	29.50	0.88	0.00	0.88
26.95	1.29	0.00	1.29	29.55	0.87	0.00	0.87
27.00	1.28	0.00	1.28	29.60	0.87	0.00	0.87
27.05	1.27	0.00	1.27	29.65	0.86	0.00	0.86
27.10	1.26	0.00	1.26	29.70	0.86	0.00	0.86
27.15	1.25	0.00	1.25	29.75	0.85	0.00	0.85
27.20	1.24	0.00	1.24	29.80	0.84	0.00	0.84
27.25	1.23	0.00	1.23	29.85	0.84	0.00	0.84
27.30	1.22	0.00	1.22	29.90	0.83	0.00	0.83
27.35	1.21	0.00	1.21	29.95	0.83	0.00	0.83
27.40	1.20	0.00	1.20	30.00	0.82	0.00	0.82
27.45	1.19	0.00	1.19	30.05	0.82	0.00	0.82
27.50	1.18	0.00	1.18	30.10	0.81	0.00	0.81
27.55	1.17	0.00	1.17	30.15	0.81	0.00	0.81
27.60	1.16	0.00	1.16	30.20	0.80	0.00	0.80
27.65	1.15	0.00	1.15	30.25	0.79	0.00	0.79
27.70	1.14	0.00	1.14	30.30	0.79	0.00	0.79
27.75	1.13	0.00	1.13	30.35	0.78	0.00	0.78
27.80	1.12	0.00	1.12	30.40	0.78	0.00	0.78
27.85	1.12	0.00	1.12	30.45	0.77	0.00	0.77
27.90	1.11	0.00	1.11	30.50	0.77	0.00	0.77
27.95	1.10	0.00	1.10	30.55	0.76	0.00	0.76
28.00	1.09	0.00	1.09	30.60	0.76	0.00	0.76
28.05	1.08	0.00	1.08	30.65	0.75	0.00	0.75
28.10	1.07	0.00	1.07	30.70	0.75	0.00	0.75
28.15	1.07	0.00	1.07	30.75	0.74	0.00	0.74
28.20	1.06	0.00	1.06	30.80	0.74	0.00	0.74
28.25	1.05	0.00	1.05	30.85	0.73	0.00	0.73
28.30	1.04	0.00	1.04	30.90	0.73	0.00	0.73
28.35	1.03	0.00	1.03	30.95	0.72	0.00	0.72
28.40	1.03	0.00	1.03	31.00	0.72	0.00	0.72
28.45	1.02	0.00	1.02	31.05	0.72	0.00	0.72
28.50	1.01	0.00	1.01	31.10	0.71	0.00	0.71
28.55	1.00	0.00	1.00	31.15	0.71	0.00	0.71

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.70	0.00	0.70	33.80	0.52	0.00	0.52
31.25	0.70	0.00	0.70	33.85	0.52	0.00	0.52
31.30	0.69	0.00	0.69	33.90	0.51	0.00	0.51
31.35	0.69	0.00	0.69	33.95	0.51	0.00	0.51
31.40	0.69	0.00	0.69	34.00	0.51	0.00	0.51
31.45	0.68	0.00	0.68	34.05	0.50	0.00	0.50
31.50	0.68	0.00	0.68	34.10	0.50	0.00	0.50
31.55	0.67	0.00	0.67	34.15	0.50	0.00	0.50
31.60	0.67	0.00	0.67	34.20	0.50	0.00	0.50
31.65	0.66	0.00	0.66	34.25	0.49	0.00	0.49
31.70	0.66	0.00	0.66	34.30	0.49	0.00	0.49
31.75	0.66	0.00	0.66	34.35	0.49	0.00	0.49
31.80	0.65	0.00	0.65	34.40	0.49	0.00	0.49
31.85	0.65	0.00	0.65	34.45	0.48	0.00	0.48
31.90	0.65	0.00	0.65	34.50	0.48	0.00	0.48
31.95	0.64	0.00	0.64	34.55	0.48	0.00	0.48
32.00	0.64	0.00	0.64	34.60	0.47	0.00	0.47
32.05	0.63	0.00	0.63	34.65	0.47	0.00	0.47
32.10	0.63	0.00	0.63	34.70	0.47	0.00	0.47
32.15	0.63	0.00	0.63	34.75	0.47	0.00	0.47
32.20	0.62	0.00	0.62	34.80	0.46	0.00	0.46
32.25	0.62	0.00	0.62	34.85	0.46	0.00	0.46
32.30	0.62	0.00	0.62	34.90	0.46	0.00	0.46
32.35	0.61	0.00	0.61	34.95	0.46	0.00	0.46
32.40	0.61	0.00	0.61	35.00	0.46	0.00	0.46
32.45	0.61	0.00	0.61	35.05	0.45	0.00	0.45
32.50	0.60	0.00	0.60	35.10	0.45	0.00	0.45
32.55	0.60	0.00	0.60	35.15	0.45	0.00	0.45
32.60	0.60	0.00	0.60	35.20	0.45	0.00	0.45
32.65	0.59	0.00	0.59	35.25	0.44	0.00	0.44
32.70	0.59	0.00	0.59	35.30	0.44	0.00	0.44
32.75	0.59	0.00	0.59	35.35	0.44	0.00	0.44
32.80	0.58	0.00	0.58	35.40	0.44	0.00	0.44
32.85	0.58	0.00	0.58	35.45	0.43	0.00	0.43
32.90	0.58	0.00	0.58	35.50	0.43	0.00	0.43
32.95	0.57	0.00	0.57	35.55	0.43	0.00	0.43
33.00	0.57	0.00	0.57	35.60	0.43	0.00	0.43
33.05	0.57	0.00	0.57	35.65	0.43	0.00	0.43
33.10	0.56	0.00	0.56	35.70	0.42	0.00	0.42
33.15	0.56	0.00	0.56	35.75	0.42	0.00	0.42
33.20	0.56	0.00	0.56	35.80	0.42	0.00	0.42
33.25	0.55	0.00	0.55	35.85	0.42	0.00	0.42
33.30	0.55	0.00	0.55	35.90	0.42	0.00	0.42
33.35	0.55	0.00	0.55	35.95	0.41	0.00	0.41
33.40	0.54	0.00	0.54	36.00	0.41	0.00	0.41
33.45	0.54	0.00	0.54	36.05	0.41	0.00	0.41
33.50	0.54	0.00	0.54	36.10	0.41	0.00	0.41
33.55	0.53	0.00	0.53	36.15	0.41	0.00	0.41
33.60	0.53	0.00	0.53	36.20	0.40	0.00	0.40
33.65	0.53	0.00	0.53	36.25	0.40	0.00	0.40
33.70	0.53	0.00	0.53	36.30	0.40	0.00	0.40
33.75	0.52	0.00	0.52	36.35	0.40	0.00	0.40

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.40	0.00	0.40	39.00	0.30	0.00	0.30
36.45	0.39	0.00	0.39	39.05	0.30	0.00	0.30
36.50	0.39	0.00	0.39	39.10	0.30	0.00	0.30
36.55	0.39	0.00	0.39	39.15	0.30	0.00	0.30
36.60	0.39	0.00	0.39	39.20	0.29	0.00	0.29
36.65	0.39	0.00	0.39	39.25	0.29	0.00	0.29
36.70	0.38	0.00	0.38	39.30	0.29	0.00	0.29
36.75	0.38	0.00	0.38	39.35	0.29	0.00	0.29
36.80	0.38	0.00	0.38	39.40	0.29	0.00	0.29
36.85	0.38	0.00	0.38	39.45	0.29	0.00	0.29
36.90	0.38	0.00	0.38	39.50	0.28	0.00	0.28
36.95	0.37	0.00	0.37	39.55	0.28	0.00	0.28
37.00	0.37	0.00	0.37	39.60	0.28	0.00	0.28
37.05	0.37	0.00	0.37	39.65	0.28	0.00	0.28
37.10	0.37	0.00	0.37	39.70	0.28	0.00	0.28
37.15	0.37	0.00	0.37	39.75	0.28	0.00	0.28
37.20	0.36	0.00	0.36	39.80	0.27	0.00	0.27
37.25	0.36	0.00	0.36	39.85	0.27	0.00	0.27
37.30	0.36	0.00	0.36	39.90	0.27	0.00	0.27
37.35	0.36	0.00	0.36	39.95	0.27	0.00	0.27
37.40	0.36	0.00	0.36	40.00	0.27	0.00	0.27
37.45	0.36	0.00	0.36				
37.50	0.35	0.00	0.35				
37.55	0.35	0.00	0.35				
37.60	0.35	0.00	0.35				
37.65	0.35	0.00	0.35				
37.70	0.35	0.00	0.35				
37.75	0.34	0.00	0.34				
37.80	0.34	0.00	0.34				
37.85	0.34	0.00	0.34				
37.90	0.34	0.00	0.34				
37.95	0.34	0.00	0.34				
38.00	0.34	0.00	0.34				
38.05	0.33	0.00	0.33				
38.10	0.33	0.00	0.33				
38.15	0.33	0.00	0.33				
38.20	0.33	0.00	0.33				
38.25	0.33	0.00	0.33				
38.30	0.32	0.00	0.32				
38.35	0.32	0.00	0.32				
38.40	0.32	0.00	0.32				
38.45	0.32	0.00	0.32				
38.50	0.32	0.00	0.32				
38.55	0.32	0.00	0.32				
38.60	0.31	0.00	0.31				
38.65	0.31	0.00	0.31				
38.70	0.31	0.00	0.31				
38.75	0.31	0.00	0.31				
38.80	0.31	0.00	0.31				
38.85	0.31	0.00	0.31				
38.90	0.30	0.00	0.30				
38.95	0.30	0.00	0.30				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 1.57 cfs @ 12.17 hrs, Volume= 0.136 af, Depth= 3.62"
 Routed to Pond B-18 : Basin #18

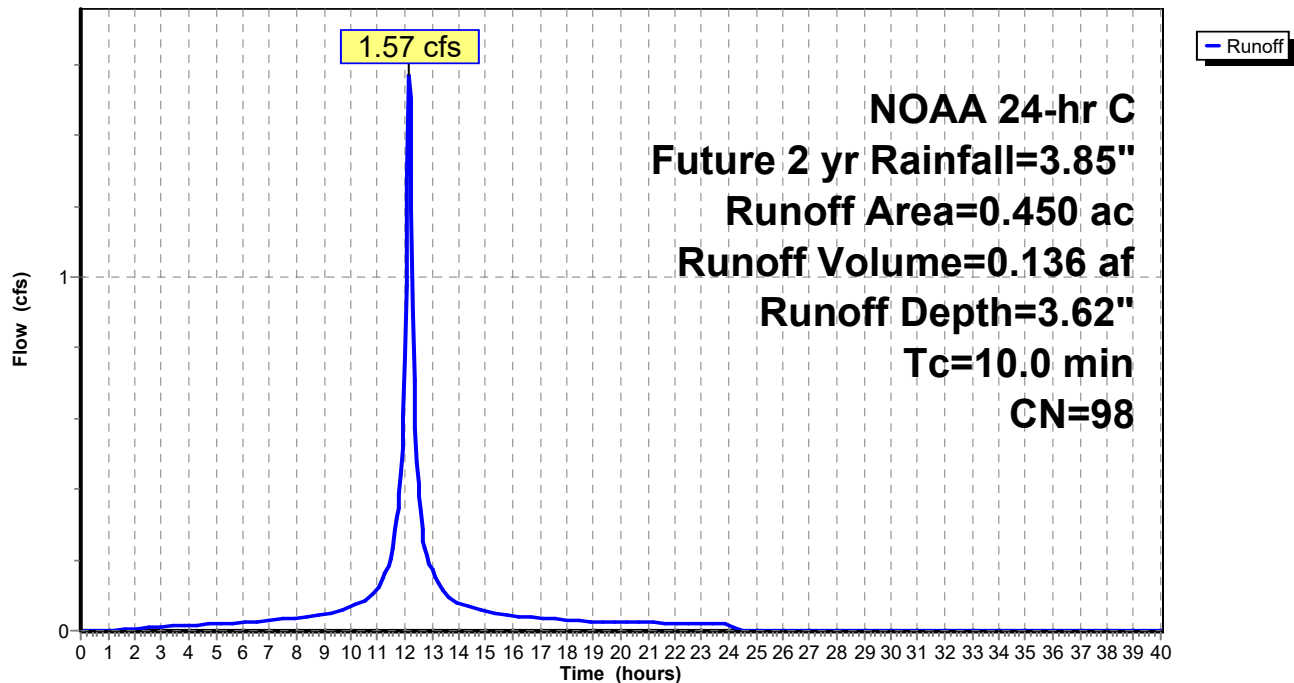
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.02	7.80	0.44	0.27	0.04
5.25	0.26	0.11	0.02	7.85	0.45	0.27	0.04
5.30	0.26	0.12	0.02	7.90	0.45	0.27	0.04
5.35	0.27	0.12	0.02	7.95	0.46	0.28	0.04
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.04
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.04
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.04
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.04
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.04
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.04
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.04
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.04
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.04
5.85	0.30	0.14	0.02	8.45	0.50	0.32	0.04
5.90	0.30	0.14	0.02	8.50	0.51	0.33	0.04
5.95	0.30	0.15	0.02	8.55	0.51	0.33	0.04
6.00	0.31	0.15	0.02	8.60	0.52	0.34	0.04
6.05	0.31	0.15	0.02	8.65	0.53	0.34	0.04
6.10	0.31	0.15	0.02	8.70	0.53	0.35	0.04
6.15	0.31	0.16	0.02	8.75	0.54	0.35	0.04
6.20	0.32	0.16	0.02	8.80	0.54	0.36	0.04
6.25	0.32	0.16	0.02	8.85	0.55	0.36	0.04
6.30	0.32	0.17	0.02	8.90	0.55	0.36	0.04
6.35	0.33	0.17	0.02	8.95	0.56	0.37	0.04
6.40	0.33	0.17	0.02	9.00	0.56	0.37	0.04
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.04
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.05
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.05
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.05
6.65	0.35	0.19	0.03	9.25	0.59	0.40	0.05
6.70	0.35	0.19	0.03	9.30	0.60	0.41	0.05
6.75	0.36	0.19	0.03	9.35	0.60	0.41	0.05
6.80	0.36	0.19	0.03	9.40	0.61	0.42	0.05
6.85	0.36	0.20	0.03	9.45	0.62	0.43	0.05
6.90	0.37	0.20	0.03	9.50	0.62	0.43	0.06
6.95	0.37	0.20	0.03	9.55	0.63	0.44	0.06
7.00	0.38	0.21	0.03	9.60	0.64	0.45	0.06
7.05	0.38	0.21	0.03	9.65	0.65	0.45	0.06
7.10	0.38	0.21	0.03	9.70	0.65	0.46	0.06
7.15	0.39	0.22	0.03	9.75	0.66	0.47	0.06
7.20	0.39	0.22	0.03	9.80	0.67	0.47	0.06
7.25	0.40	0.23	0.03	9.85	0.68	0.48	0.06
7.30	0.40	0.23	0.03	9.90	0.69	0.49	0.07
7.35	0.40	0.23	0.03	9.95	0.69	0.50	0.07
7.40	0.41	0.24	0.03	10.00	0.70	0.51	0.07
7.45	0.41	0.24	0.03	10.05	0.71	0.51	0.07
7.50	0.42	0.24	0.03	10.10	0.72	0.52	0.07
7.55	0.42	0.25	0.03	10.15	0.73	0.53	0.07
7.60	0.43	0.25	0.03	10.20	0.74	0.54	0.07
7.65	0.43	0.25	0.03	10.25	0.75	0.55	0.07
7.70	0.43	0.26	0.03	10.30	0.76	0.56	0.08
7.75	0.44	0.26	0.03	10.35	0.76	0.56	0.08

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.08	13.00	2.93	2.69	0.18
10.45	0.78	0.58	0.08	13.05	2.94	2.71	0.17
10.50	0.79	0.59	0.08	13.10	2.96	2.73	0.16
10.55	0.80	0.60	0.08	13.15	2.97	2.74	0.15
10.60	0.82	0.61	0.09	13.20	2.98	2.75	0.14
10.65	0.83	0.62	0.09	13.25	3.00	2.77	0.13
10.70	0.84	0.64	0.09	13.30	3.01	2.78	0.13
10.75	0.85	0.65	0.10	13.35	3.02	2.79	0.12
10.80	0.87	0.66	0.10	13.40	3.03	2.80	0.12
10.85	0.88	0.67	0.11	13.45	3.05	2.81	0.11
10.90	0.89	0.69	0.11	13.50	3.06	2.82	0.11
10.95	0.91	0.70	0.12	13.55	3.07	2.83	0.10
11.00	0.92	0.72	0.12	13.60	3.08	2.84	0.10
11.05	0.94	0.73	0.13	13.65	3.09	2.85	0.09
11.10	0.96	0.75	0.13	13.70	3.09	2.86	0.09
11.15	0.98	0.77	0.14	13.75	3.10	2.87	0.09
11.20	1.00	0.79	0.15	13.80	3.11	2.88	0.09
11.25	1.02	0.81	0.16	13.85	3.12	2.89	0.08
11.30	1.04	0.83	0.17	13.90	3.13	2.90	0.08
11.35	1.06	0.85	0.18	13.95	3.14	2.91	0.08
11.40	1.09	0.88	0.19	14.00	3.15	2.92	0.08
11.45	1.11	0.90	0.20	14.05	3.16	2.92	0.08
11.50	1.14	0.92	0.21	14.10	3.16	2.93	0.08
11.55	1.18	0.96	0.22	14.15	3.17	2.94	0.08
11.60	1.22	1.00	0.25	14.20	3.18	2.95	0.07
11.65	1.26	1.04	0.29	14.25	3.19	2.96	0.07
11.70	1.30	1.08	0.32	14.30	3.20	2.96	0.07
11.75	1.35	1.14	0.35	14.35	3.20	2.97	0.07
11.80	1.41	1.19	0.39	14.40	3.21	2.98	0.07
11.85	1.49	1.27	0.44	14.45	3.22	2.99	0.07
11.90	1.57	1.34	0.51	14.50	3.23	2.99	0.07
11.95	1.70	1.48	0.61	14.55	3.23	3.00	0.07
12.00	1.83	1.61	0.77	14.60	3.24	3.01	0.06
12.05	2.06	1.83	0.98	14.65	3.25	3.01	0.06
12.10	2.28	2.06	1.27	14.70	3.25	3.02	0.06
12.15	2.36	2.13	1.55	14.75	3.26	3.03	0.06
12.20	2.44	2.21	1.51	14.80	3.26	3.03	0.06
12.25	2.50	2.27	1.19	14.85	3.27	3.04	0.06
12.30	2.55	2.32	0.90	14.90	3.28	3.04	0.06
12.35	2.59	2.36	0.71	14.95	3.28	3.05	0.06
12.40	2.63	2.40	0.57	15.00	3.29	3.05	0.05
12.45	2.67	2.44	0.48	15.05	3.29	3.06	0.05
12.50	2.71	2.48	0.42	15.10	3.30	3.07	0.05
12.55	2.74	2.51	0.38	15.15	3.30	3.07	0.05
12.60	2.76	2.53	0.34	15.20	3.31	3.08	0.05
12.65	2.79	2.56	0.29	15.25	3.31	3.08	0.05
12.70	2.81	2.58	0.25	15.30	3.32	3.09	0.05
12.75	2.83	2.60	0.23	15.35	3.32	3.09	0.05
12.80	2.85	2.62	0.22	15.40	3.33	3.10	0.05
12.85	2.87	2.64	0.21	15.45	3.34	3.10	0.05
12.90	2.89	2.66	0.20	15.50	3.34	3.11	0.05
12.95	2.91	2.68	0.19	15.55	3.35	3.11	0.05

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.05	18.20	3.56	3.32	0.03
15.65	3.36	3.12	0.05	18.25	3.56	3.33	0.03
15.70	3.36	3.13	0.05	18.30	3.56	3.33	0.03
15.75	3.36	3.13	0.05	18.35	3.57	3.33	0.03
15.80	3.37	3.14	0.04	18.40	3.57	3.34	0.03
15.85	3.37	3.14	0.04	18.45	3.57	3.34	0.03
15.90	3.38	3.15	0.04	18.50	3.58	3.34	0.03
15.95	3.38	3.15	0.04	18.55	3.58	3.34	0.03
16.00	3.39	3.16	0.04	18.60	3.58	3.35	0.03
16.05	3.39	3.16	0.04	18.65	3.58	3.35	0.03
16.10	3.40	3.16	0.04	18.70	3.59	3.35	0.03
16.15	3.40	3.17	0.04	18.75	3.59	3.36	0.03
16.20	3.41	3.17	0.04	18.80	3.59	3.36	0.03
16.25	3.41	3.18	0.04	18.85	3.60	3.36	0.03
16.30	3.42	3.18	0.04	18.90	3.60	3.37	0.03
16.35	3.42	3.19	0.04	18.95	3.60	3.37	0.03
16.40	3.42	3.19	0.04	19.00	3.61	3.37	0.03
16.45	3.43	3.20	0.04	19.05	3.61	3.37	0.03
16.50	3.43	3.20	0.04	19.10	3.61	3.38	0.03
16.55	3.44	3.20	0.04	19.15	3.61	3.38	0.03
16.60	3.44	3.21	0.04	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.04	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.04	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.04	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.04	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.04	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.04	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.04	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.04	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.04	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.04	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.04	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.04	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.03	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.03	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.03	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.03	20.00	3.66	3.43	0.02
17.45	3.51	3.27	0.03	20.05	3.66	3.43	0.02
17.50	3.51	3.28	0.03	20.10	3.67	3.43	0.02
17.55	3.52	3.28	0.03	20.15	3.67	3.44	0.02
17.60	3.52	3.28	0.03	20.20	3.67	3.44	0.02
17.65	3.52	3.29	0.03	20.25	3.68	3.44	0.02
17.70	3.53	3.29	0.03	20.30	3.68	3.44	0.02
17.75	3.53	3.30	0.03	20.35	3.68	3.45	0.02
17.80	3.53	3.30	0.03	20.40	3.68	3.45	0.02
17.85	3.54	3.30	0.03	20.45	3.69	3.45	0.02
17.90	3.54	3.30	0.03	20.50	3.69	3.45	0.02
17.95	3.54	3.31	0.03	20.55	3.69	3.46	0.02
18.00	3.54	3.31	0.03	20.60	3.69	3.46	0.02
18.05	3.55	3.31	0.03	20.65	3.70	3.46	0.02
18.10	3.55	3.32	0.03	20.70	3.70	3.46	0.02
18.15	3.55	3.32	0.03	20.75	3.70	3.47	0.02

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 1.56 cfs @ 12.18 hrs, Volume= 0.119 af, Depth= 1.49"
 Routed to Pond B-18 : Basin #18

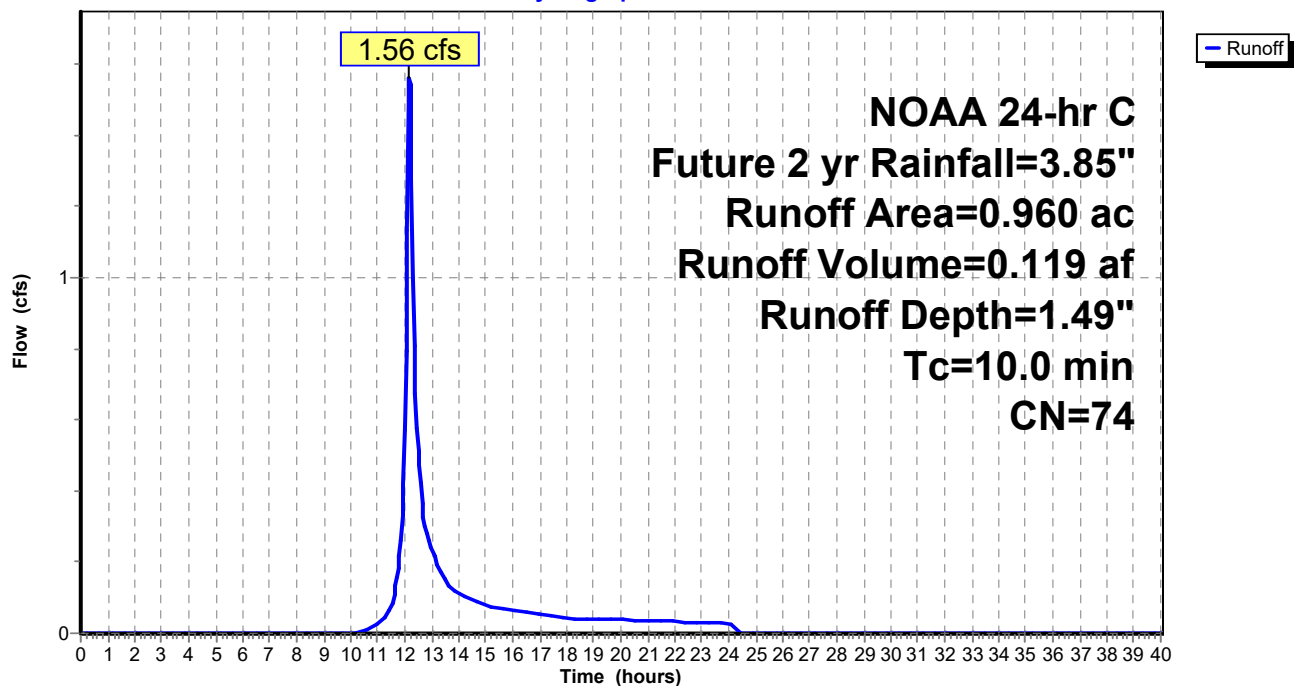
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.23
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.22
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.21
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.20
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.19
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.18
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.17
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.17
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.16
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.15
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.15
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.14
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.13
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.13
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.12
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.12
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.12
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.12
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.11
11.35	1.06	0.03	0.06	13.95	3.14	1.00	0.11
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.11
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.11
11.50	1.14	0.05	0.08	14.10	3.16	1.01	0.11
11.55	1.18	0.06	0.09	14.15	3.17	1.02	0.11
11.60	1.22	0.07	0.11	14.20	3.18	1.02	0.10
11.65	1.26	0.08	0.13	14.25	3.19	1.03	0.10
11.70	1.30	0.09	0.16	14.30	3.20	1.03	0.10
11.75	1.35	0.10	0.18	14.35	3.20	1.04	0.10
11.80	1.41	0.12	0.22	14.40	3.21	1.04	0.10
11.85	1.49	0.14	0.26	14.45	3.22	1.05	0.10
11.90	1.57	0.17	0.33	14.50	3.23	1.05	0.09
11.95	1.70	0.22	0.42	14.55	3.23	1.06	0.09
12.00	1.83	0.28	0.57	14.60	3.24	1.06	0.09
12.05	2.06	0.38	0.79	14.65	3.25	1.07	0.09
12.10	2.28	0.49	1.13	14.70	3.25	1.07	0.09
12.15	2.36	0.53	1.49	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.54	14.80	3.26	1.08	0.08
12.25	2.50	0.61	1.27	14.85	3.27	1.08	0.08
12.30	2.55	0.64	1.00	14.90	3.28	1.09	0.08
12.35	2.59	0.66	0.81	14.95	3.28	1.09	0.08
12.40	2.63	0.69	0.67	15.00	3.29	1.10	0.08
12.45	2.67	0.71	0.57	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.51	15.10	3.30	1.10	0.07
12.55	2.74	0.75	0.47	15.15	3.30	1.11	0.07
12.60	2.76	0.76	0.42	15.20	3.31	1.11	0.07
12.65	2.79	0.78	0.37	15.25	3.31	1.11	0.07
12.70	2.81	0.79	0.32	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.30	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.28	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.27	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.26	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.24	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Summary for Subcatchment 19I: PDA-19 (impervious)

Runoff = 2.09 cfs @ 12.17 hrs, Volume= 0.180 af, Depth= 3.62"
 Routed to Pond B-19 : Basin #19

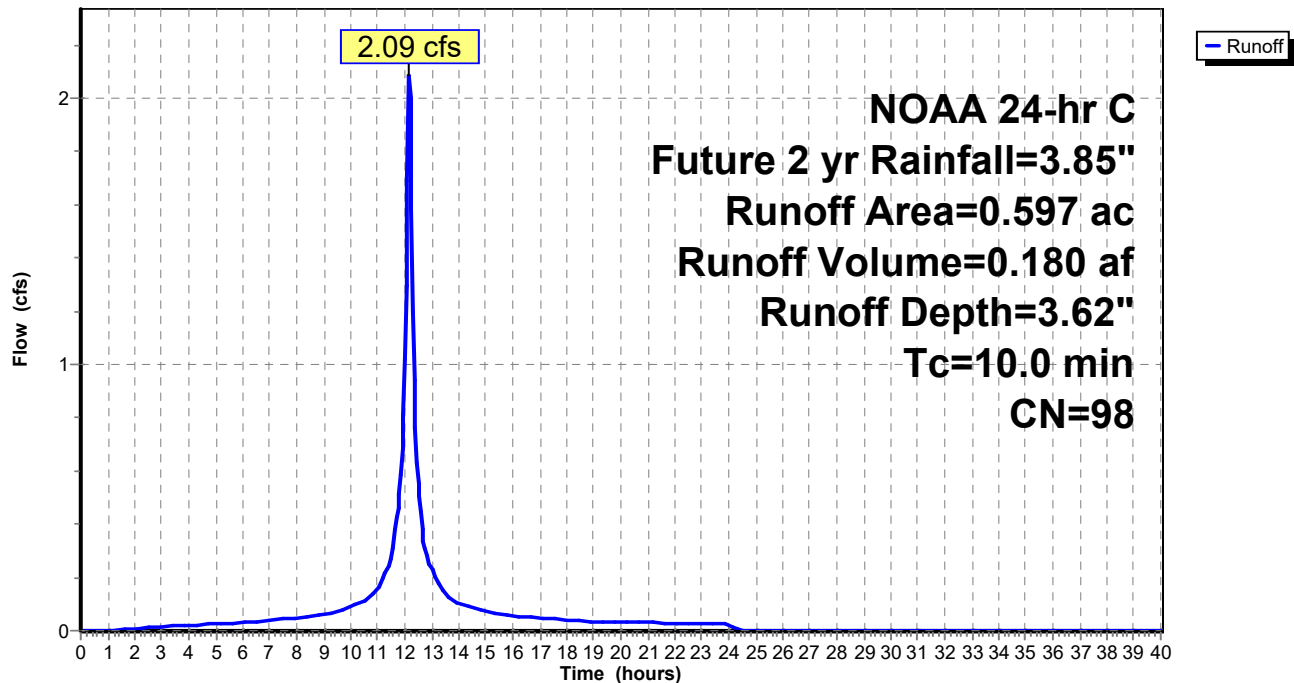
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.132	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.015	98	Concrete, HSG C
0.597	98	Weighted Average
0.597		100.00% Impervious Area

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



Hydrograph for Subcatchment 19I: PDA-19 (impervious)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.05
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.05
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.05
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.05
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.05
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.05
5.50	0.27	0.12	0.03	8.10	0.47	0.29	0.05
5.55	0.28	0.13	0.03	8.15	0.48	0.30	0.05
5.60	0.28	0.13	0.03	8.20	0.48	0.30	0.05
5.65	0.28	0.13	0.03	8.25	0.49	0.30	0.05
5.70	0.29	0.13	0.03	8.30	0.49	0.31	0.05
5.75	0.29	0.14	0.03	8.35	0.49	0.31	0.05
5.80	0.29	0.14	0.03	8.40	0.50	0.32	0.05
5.85	0.30	0.14	0.03	8.45	0.50	0.32	0.05
5.90	0.30	0.14	0.03	8.50	0.51	0.33	0.05
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.05
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.05
6.05	0.31	0.15	0.03	8.65	0.53	0.34	0.06
6.10	0.31	0.15	0.03	8.70	0.53	0.35	0.06
6.15	0.31	0.16	0.03	8.75	0.54	0.35	0.06
6.20	0.32	0.16	0.03	8.80	0.54	0.36	0.06
6.25	0.32	0.16	0.03	8.85	0.55	0.36	0.06
6.30	0.32	0.17	0.03	8.90	0.55	0.36	0.06
6.35	0.33	0.17	0.03	8.95	0.56	0.37	0.06
6.40	0.33	0.17	0.03	9.00	0.56	0.37	0.06
6.45	0.33	0.17	0.03	9.05	0.57	0.38	0.06
6.50	0.34	0.18	0.03	9.10	0.57	0.39	0.06
6.55	0.34	0.18	0.03	9.15	0.58	0.39	0.06
6.60	0.35	0.18	0.03	9.20	0.59	0.40	0.06
6.65	0.35	0.19	0.04	9.25	0.59	0.40	0.06
6.70	0.35	0.19	0.04	9.30	0.60	0.41	0.07
6.75	0.36	0.19	0.04	9.35	0.60	0.41	0.07
6.80	0.36	0.19	0.04	9.40	0.61	0.42	0.07
6.85	0.36	0.20	0.04	9.45	0.62	0.43	0.07
6.90	0.37	0.20	0.04	9.50	0.62	0.43	0.07
6.95	0.37	0.20	0.04	9.55	0.63	0.44	0.07
7.00	0.38	0.21	0.04	9.60	0.64	0.45	0.08
7.05	0.38	0.21	0.04	9.65	0.65	0.45	0.08
7.10	0.38	0.21	0.04	9.70	0.65	0.46	0.08
7.15	0.39	0.22	0.04	9.75	0.66	0.47	0.08
7.20	0.39	0.22	0.04	9.80	0.67	0.47	0.08
7.25	0.40	0.23	0.04	9.85	0.68	0.48	0.09
7.30	0.40	0.23	0.04	9.90	0.69	0.49	0.09
7.35	0.40	0.23	0.04	9.95	0.69	0.50	0.09
7.40	0.41	0.24	0.04	10.00	0.70	0.51	0.09
7.45	0.41	0.24	0.04	10.05	0.71	0.51	0.09
7.50	0.42	0.24	0.04	10.10	0.72	0.52	0.09
7.55	0.42	0.25	0.04	10.15	0.73	0.53	0.10
7.60	0.43	0.25	0.04	10.20	0.74	0.54	0.10
7.65	0.43	0.25	0.05	10.25	0.75	0.55	0.10
7.70	0.43	0.26	0.05	10.30	0.76	0.56	0.10
7.75	0.44	0.26	0.05	10.35	0.76	0.56	0.10

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.10	13.00	2.93	2.69	0.23
10.45	0.78	0.58	0.11	13.05	2.94	2.71	0.22
10.50	0.79	0.59	0.11	13.10	2.96	2.73	0.21
10.55	0.80	0.60	0.11	13.15	2.97	2.74	0.20
10.60	0.82	0.61	0.11	13.20	2.98	2.75	0.19
10.65	0.83	0.62	0.12	13.25	3.00	2.77	0.18
10.70	0.84	0.64	0.12	13.30	3.01	2.78	0.17
10.75	0.85	0.65	0.13	13.35	3.02	2.79	0.16
10.80	0.87	0.66	0.14	13.40	3.03	2.80	0.16
10.85	0.88	0.67	0.14	13.45	3.05	2.81	0.15
10.90	0.89	0.69	0.15	13.50	3.06	2.82	0.14
10.95	0.91	0.70	0.16	13.55	3.07	2.83	0.14
11.00	0.92	0.72	0.16	13.60	3.08	2.84	0.13
11.05	0.94	0.73	0.17	13.65	3.09	2.85	0.12
11.10	0.96	0.75	0.18	13.70	3.09	2.86	0.12
11.15	0.98	0.77	0.19	13.75	3.10	2.87	0.12
11.20	1.00	0.79	0.20	13.80	3.11	2.88	0.11
11.25	1.02	0.81	0.21	13.85	3.12	2.89	0.11
11.30	1.04	0.83	0.23	13.90	3.13	2.90	0.11
11.35	1.06	0.85	0.24	13.95	3.14	2.91	0.11
11.40	1.09	0.88	0.25	14.00	3.15	2.92	0.11
11.45	1.11	0.90	0.26	14.05	3.16	2.92	0.10
11.50	1.14	0.92	0.27	14.10	3.16	2.93	0.10
11.55	1.18	0.96	0.29	14.15	3.17	2.94	0.10
11.60	1.22	1.00	0.33	14.20	3.18	2.95	0.10
11.65	1.26	1.04	0.38	14.25	3.19	2.96	0.10
11.70	1.30	1.08	0.43	14.30	3.20	2.96	0.10
11.75	1.35	1.14	0.46	14.35	3.20	2.97	0.09
11.80	1.41	1.19	0.51	14.40	3.21	2.98	0.09
11.85	1.49	1.27	0.58	14.45	3.22	2.99	0.09
11.90	1.57	1.34	0.68	14.50	3.23	2.99	0.09
11.95	1.70	1.48	0.81	14.55	3.23	3.00	0.09
12.00	1.83	1.61	1.02	14.60	3.24	3.01	0.09
12.05	2.06	1.83	1.30	14.65	3.25	3.01	0.08
12.10	2.28	2.06	1.69	14.70	3.25	3.02	0.08
12.15	2.36	2.13	2.06	14.75	3.26	3.03	0.08
12.20	2.44	2.21	2.00	14.80	3.26	3.03	0.08
12.25	2.50	2.27	1.59	14.85	3.27	3.04	0.08
12.30	2.55	2.32	1.19	14.90	3.28	3.04	0.08
12.35	2.59	2.36	0.94	14.95	3.28	3.05	0.07
12.40	2.63	2.40	0.76	15.00	3.29	3.05	0.07
12.45	2.67	2.44	0.63	15.05	3.29	3.06	0.07
12.50	2.71	2.48	0.55	15.10	3.30	3.07	0.07
12.55	2.74	2.51	0.50	15.15	3.30	3.07	0.07
12.60	2.76	2.53	0.45	15.20	3.31	3.08	0.07
12.65	2.79	2.56	0.38	15.25	3.31	3.08	0.06
12.70	2.81	2.58	0.34	15.30	3.32	3.09	0.06
12.75	2.83	2.60	0.31	15.35	3.32	3.09	0.06
12.80	2.85	2.62	0.29	15.40	3.33	3.10	0.06
12.85	2.87	2.64	0.27	15.45	3.34	3.10	0.06
12.90	2.89	2.66	0.26	15.50	3.34	3.11	0.06
12.95	2.91	2.68	0.25	15.55	3.35	3.11	0.06

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.06	18.20	3.56	3.32	0.04
15.65	3.36	3.12	0.06	18.25	3.56	3.33	0.04
15.70	3.36	3.13	0.06	18.30	3.56	3.33	0.04
15.75	3.36	3.13	0.06	18.35	3.57	3.33	0.04
15.80	3.37	3.14	0.06	18.40	3.57	3.34	0.04
15.85	3.37	3.14	0.06	18.45	3.57	3.34	0.04
15.90	3.38	3.15	0.06	18.50	3.58	3.34	0.04
15.95	3.38	3.15	0.06	18.55	3.58	3.34	0.04
16.00	3.39	3.16	0.06	18.60	3.58	3.35	0.04
16.05	3.39	3.16	0.06	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.06	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.06	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.06	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.06	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.05	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.05	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.05	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.05	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.05	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.05	19.15	3.61	3.38	0.04
16.60	3.44	3.21	0.05	19.20	3.62	3.38	0.03
16.65	3.45	3.21	0.05	19.25	3.62	3.39	0.03
16.70	3.45	3.22	0.05	19.30	3.62	3.39	0.03
16.75	3.45	3.22	0.05	19.35	3.63	3.39	0.03
16.80	3.46	3.23	0.05	19.40	3.63	3.39	0.03
16.85	3.46	3.23	0.05	19.45	3.63	3.40	0.03
16.90	3.47	3.23	0.05	19.50	3.63	3.40	0.03
16.95	3.47	3.24	0.05	19.55	3.64	3.40	0.03
17.00	3.47	3.24	0.05	19.60	3.64	3.41	0.03
17.05	3.48	3.24	0.05	19.65	3.64	3.41	0.03
17.10	3.48	3.25	0.05	19.70	3.65	3.41	0.03
17.15	3.49	3.25	0.05	19.75	3.65	3.41	0.03
17.20	3.49	3.26	0.05	19.80	3.65	3.42	0.03
17.25	3.49	3.26	0.05	19.85	3.65	3.42	0.03
17.30	3.50	3.26	0.05	19.90	3.66	3.42	0.03
17.35	3.50	3.27	0.04	19.95	3.66	3.42	0.03
17.40	3.50	3.27	0.04	20.00	3.66	3.43	0.03
17.45	3.51	3.27	0.04	20.05	3.66	3.43	0.03
17.50	3.51	3.28	0.04	20.10	3.67	3.43	0.03
17.55	3.52	3.28	0.04	20.15	3.67	3.44	0.03
17.60	3.52	3.28	0.04	20.20	3.67	3.44	0.03
17.65	3.52	3.29	0.04	20.25	3.68	3.44	0.03
17.70	3.53	3.29	0.04	20.30	3.68	3.44	0.03
17.75	3.53	3.30	0.04	20.35	3.68	3.45	0.03
17.80	3.53	3.30	0.04	20.40	3.68	3.45	0.03
17.85	3.54	3.30	0.04	20.45	3.69	3.45	0.03
17.90	3.54	3.30	0.04	20.50	3.69	3.45	0.03
17.95	3.54	3.31	0.04	20.55	3.69	3.46	0.03
18.00	3.54	3.31	0.04	20.60	3.69	3.46	0.03
18.05	3.55	3.31	0.04	20.65	3.70	3.46	0.03
18.10	3.55	3.32	0.04	20.70	3.70	3.46	0.03
18.15	3.55	3.32	0.04	20.75	3.70	3.47	0.03

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.03	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.03	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.03	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.03	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.03	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.03	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.03	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.03	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.03	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.03	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.03	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.03	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.03	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.03	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.03	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.03	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.03	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.03	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.03	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.03	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.03	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Summary for Subcatchment 19P: PDA-19 (pervious)

Runoff = 1.81 cfs @ 12.18 hrs, Volume= 0.139 af, Depth= 1.49"
 Routed to Pond B-19 : Basin #19

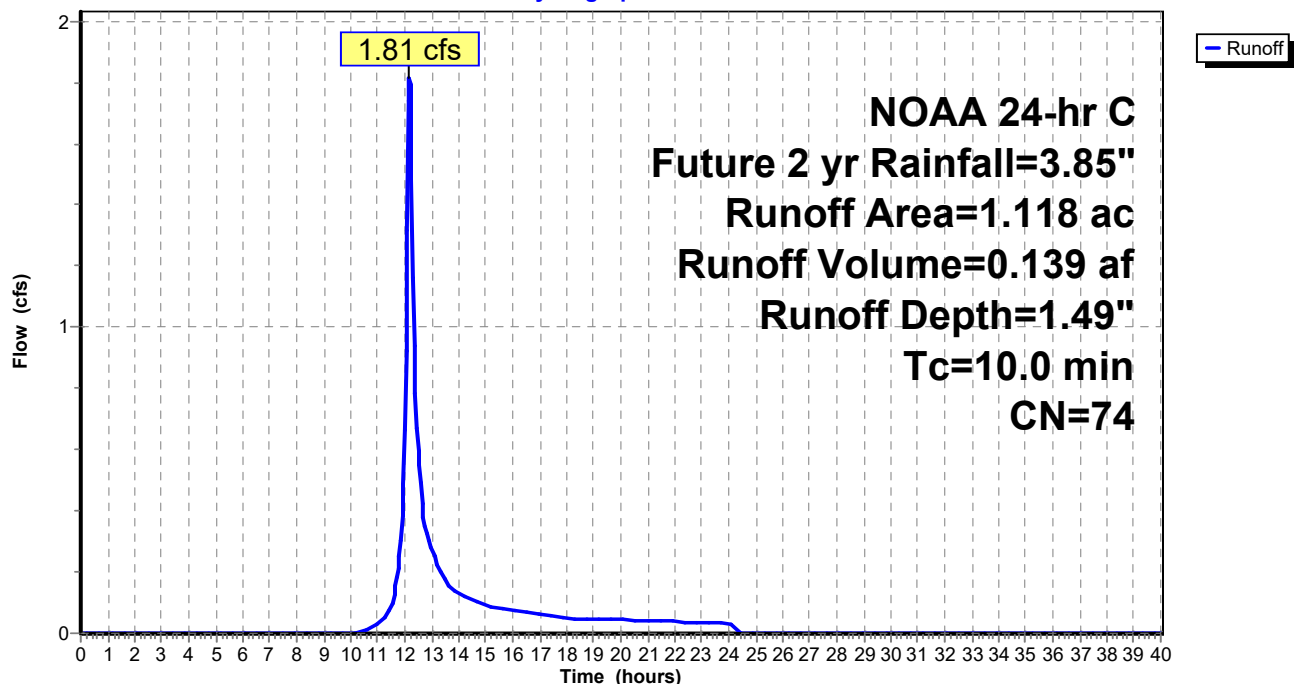
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.118	74	>75% Grass cover, Good, HSG C
1.118		100.00% Pervious Area

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



Hydrograph for Subcatchment 19P: PDA-19 (pervious)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.27
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.26
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.24
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.23
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.22
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.21
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.20
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.19
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.19
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.18
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.17
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.16
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.16
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.15
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.14
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.14
11.20	1.00	0.02	0.05	13.80	3.11	0.98	0.14
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.14
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.13
11.35	1.06	0.03	0.07	13.95	3.14	1.00	0.13
11.40	1.09	0.04	0.08	14.00	3.15	1.00	0.13
11.45	1.11	0.04	0.08	14.05	3.16	1.01	0.13
11.50	1.14	0.05	0.09	14.10	3.16	1.01	0.13
11.55	1.18	0.06	0.10	14.15	3.17	1.02	0.12
11.60	1.22	0.07	0.13	14.20	3.18	1.02	0.12
11.65	1.26	0.08	0.16	14.25	3.19	1.03	0.12
11.70	1.30	0.09	0.19	14.30	3.20	1.03	0.12
11.75	1.35	0.10	0.21	14.35	3.20	1.04	0.12
11.80	1.41	0.12	0.25	14.40	3.21	1.04	0.11
11.85	1.49	0.14	0.31	14.45	3.22	1.05	0.11
11.90	1.57	0.17	0.38	14.50	3.23	1.05	0.11
11.95	1.70	0.22	0.49	14.55	3.23	1.06	0.11
12.00	1.83	0.28	0.66	14.60	3.24	1.06	0.11
12.05	2.06	0.38	0.92	14.65	3.25	1.07	0.10
12.10	2.28	0.49	1.31	14.70	3.25	1.07	0.10
12.15	2.36	0.53	1.74	14.75	3.26	1.08	0.10
12.20	2.44	0.57	1.79	14.80	3.26	1.08	0.10
12.25	2.50	0.61	1.48	14.85	3.27	1.08	0.10
12.30	2.55	0.64	1.16	14.90	3.28	1.09	0.09
12.35	2.59	0.66	0.94	14.95	3.28	1.09	0.09
12.40	2.63	0.69	0.78	15.00	3.29	1.10	0.09
12.45	2.67	0.71	0.67	15.05	3.29	1.10	0.09
12.50	2.71	0.73	0.59	15.10	3.30	1.10	0.09
12.55	2.74	0.75	0.55	15.15	3.30	1.11	0.08
12.60	2.76	0.76	0.49	15.20	3.31	1.11	0.08
12.65	2.79	0.78	0.43	15.25	3.31	1.11	0.08
12.70	2.81	0.79	0.38	15.30	3.32	1.12	0.08
12.75	2.83	0.80	0.35	15.35	3.32	1.12	0.08
12.80	2.85	0.82	0.33	15.40	3.33	1.12	0.08
12.85	2.87	0.83	0.31	15.45	3.34	1.13	0.08
12.90	2.89	0.84	0.30	15.50	3.34	1.13	0.08
12.95	2.91	0.85	0.28	15.55	3.35	1.13	0.08

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Summary for Subcatchment 20I: PDA-20 (impervious)

Runoff = 3.95 cfs @ 12.17 hrs, Volume= 0.340 af, Depth= 3.62"
 Routed to Pond B-20 : Basin #20

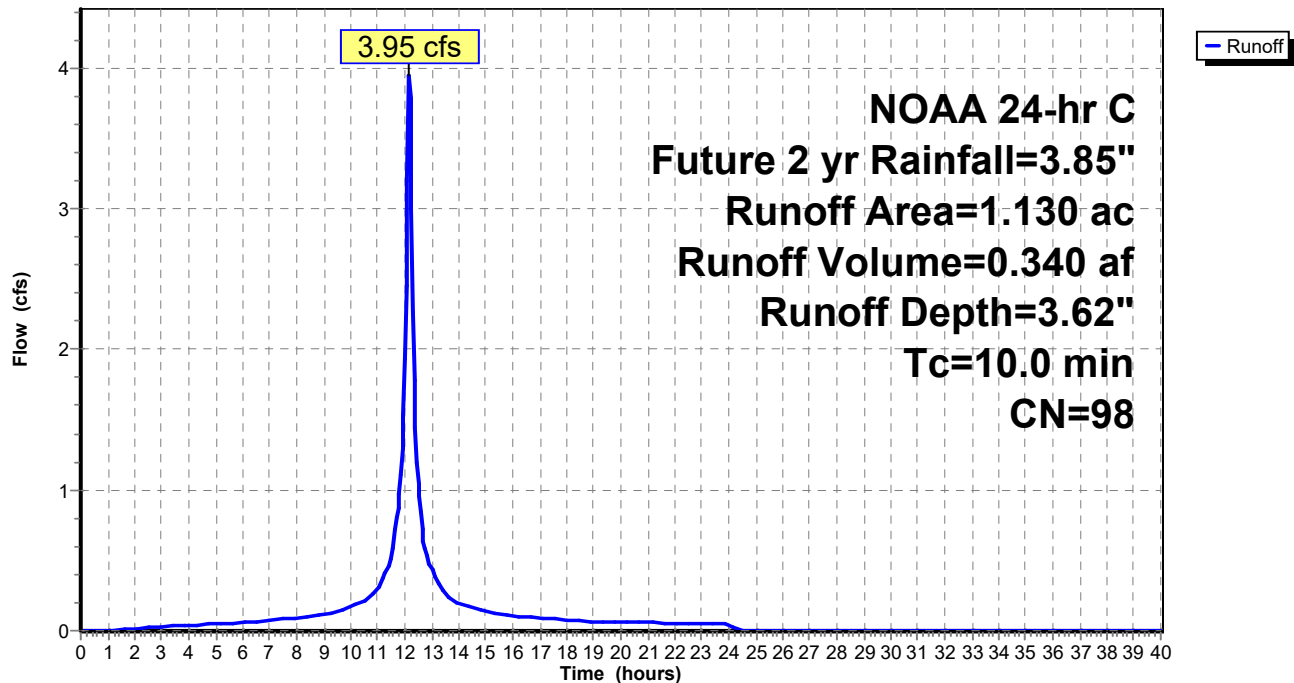
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.572	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.108	98	Concrete, HSC C
1.130	98	Weighted Average
1.130		100.00% Impervious Area

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



Hydrograph for Subcatchment 20I: PDA-20 (impervious)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.05	7.80	0.44	0.27	0.09
5.25	0.26	0.11	0.05	7.85	0.45	0.27	0.09
5.30	0.26	0.12	0.05	7.90	0.45	0.27	0.09
5.35	0.27	0.12	0.05	7.95	0.46	0.28	0.09
5.40	0.27	0.12	0.05	8.00	0.46	0.28	0.09
5.45	0.27	0.12	0.05	8.05	0.47	0.29	0.09
5.50	0.27	0.12	0.05	8.10	0.47	0.29	0.09
5.55	0.28	0.13	0.05	8.15	0.48	0.30	0.09
5.60	0.28	0.13	0.05	8.20	0.48	0.30	0.10
5.65	0.28	0.13	0.05	8.25	0.49	0.30	0.10
5.70	0.29	0.13	0.05	8.30	0.49	0.31	0.10
5.75	0.29	0.14	0.05	8.35	0.49	0.31	0.10
5.80	0.29	0.14	0.05	8.40	0.50	0.32	0.10
5.85	0.30	0.14	0.06	8.45	0.50	0.32	0.10
5.90	0.30	0.14	0.06	8.50	0.51	0.33	0.10
5.95	0.30	0.15	0.06	8.55	0.51	0.33	0.10
6.00	0.31	0.15	0.06	8.60	0.52	0.34	0.10
6.05	0.31	0.15	0.06	8.65	0.53	0.34	0.10
6.10	0.31	0.15	0.06	8.70	0.53	0.35	0.11
6.15	0.31	0.16	0.06	8.75	0.54	0.35	0.11
6.20	0.32	0.16	0.06	8.80	0.54	0.36	0.11
6.25	0.32	0.16	0.06	8.85	0.55	0.36	0.11
6.30	0.32	0.17	0.06	8.90	0.55	0.36	0.11
6.35	0.33	0.17	0.06	8.95	0.56	0.37	0.11
6.40	0.33	0.17	0.06	9.00	0.56	0.37	0.11
6.45	0.33	0.17	0.06	9.05	0.57	0.38	0.11
6.50	0.34	0.18	0.06	9.10	0.57	0.39	0.11
6.55	0.34	0.18	0.07	9.15	0.58	0.39	0.12
6.60	0.35	0.18	0.07	9.20	0.59	0.40	0.12
6.65	0.35	0.19	0.07	9.25	0.59	0.40	0.12
6.70	0.35	0.19	0.07	9.30	0.60	0.41	0.13
6.75	0.36	0.19	0.07	9.35	0.60	0.41	0.13
6.80	0.36	0.19	0.07	9.40	0.61	0.42	0.13
6.85	0.36	0.20	0.07	9.45	0.62	0.43	0.14
6.90	0.37	0.20	0.07	9.50	0.62	0.43	0.14
6.95	0.37	0.20	0.07	9.55	0.63	0.44	0.14
7.00	0.38	0.21	0.07	9.60	0.64	0.45	0.14
7.05	0.38	0.21	0.07	9.65	0.65	0.45	0.15
7.10	0.38	0.21	0.08	9.70	0.65	0.46	0.15
7.15	0.39	0.22	0.08	9.75	0.66	0.47	0.15
7.20	0.39	0.22	0.08	9.80	0.67	0.47	0.16
7.25	0.40	0.23	0.08	9.85	0.68	0.48	0.16
7.30	0.40	0.23	0.08	9.90	0.69	0.49	0.16
7.35	0.40	0.23	0.08	9.95	0.69	0.50	0.17
7.40	0.41	0.24	0.08	10.00	0.70	0.51	0.17
7.45	0.41	0.24	0.08	10.05	0.71	0.51	0.17
7.50	0.42	0.24	0.08	10.10	0.72	0.52	0.18
7.55	0.42	0.25	0.08	10.15	0.73	0.53	0.18
7.60	0.43	0.25	0.08	10.20	0.74	0.54	0.18
7.65	0.43	0.25	0.09	10.25	0.75	0.55	0.19
7.70	0.43	0.26	0.09	10.30	0.76	0.56	0.19
7.75	0.44	0.26	0.09	10.35	0.76	0.56	0.19

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.20	13.00	2.93	2.69	0.44
10.45	0.78	0.58	0.20	13.05	2.94	2.71	0.42
10.50	0.79	0.59	0.20	13.10	2.96	2.73	0.40
10.55	0.80	0.60	0.21	13.15	2.97	2.74	0.37
10.60	0.82	0.61	0.22	13.20	2.98	2.75	0.35
10.65	0.83	0.62	0.22	13.25	3.00	2.77	0.34
10.70	0.84	0.64	0.24	13.30	3.01	2.78	0.32
10.75	0.85	0.65	0.25	13.35	3.02	2.79	0.31
10.80	0.87	0.66	0.26	13.40	3.03	2.80	0.30
10.85	0.88	0.67	0.27	13.45	3.05	2.81	0.28
10.90	0.89	0.69	0.28	13.50	3.06	2.82	0.27
10.95	0.91	0.70	0.30	13.55	3.07	2.83	0.26
11.00	0.92	0.72	0.31	13.60	3.08	2.84	0.25
11.05	0.94	0.73	0.32	13.65	3.09	2.85	0.24
11.10	0.96	0.75	0.34	13.70	3.09	2.86	0.23
11.15	0.98	0.77	0.36	13.75	3.10	2.87	0.22
11.20	1.00	0.79	0.38	13.80	3.11	2.88	0.22
11.25	1.02	0.81	0.40	13.85	3.12	2.89	0.21
11.30	1.04	0.83	0.43	13.90	3.13	2.90	0.21
11.35	1.06	0.85	0.45	13.95	3.14	2.91	0.20
11.40	1.09	0.88	0.47	14.00	3.15	2.92	0.20
11.45	1.11	0.90	0.50	14.05	3.16	2.92	0.20
11.50	1.14	0.92	0.52	14.10	3.16	2.93	0.19
11.55	1.18	0.96	0.55	14.15	3.17	2.94	0.19
11.60	1.22	1.00	0.62	14.20	3.18	2.95	0.19
11.65	1.26	1.04	0.72	14.25	3.19	2.96	0.19
11.70	1.30	1.08	0.81	14.30	3.20	2.96	0.18
11.75	1.35	1.14	0.87	14.35	3.20	2.97	0.18
11.80	1.41	1.19	0.97	14.40	3.21	2.98	0.18
11.85	1.49	1.27	1.11	14.45	3.22	2.99	0.17
11.90	1.57	1.34	1.29	14.50	3.23	2.99	0.17
11.95	1.70	1.48	1.54	14.55	3.23	3.00	0.17
12.00	1.83	1.61	1.93	14.60	3.24	3.01	0.16
12.05	2.06	1.83	2.46	14.65	3.25	3.01	0.16
12.10	2.28	2.06	3.20	14.70	3.25	3.02	0.16
12.15	2.36	2.13	3.89	14.75	3.26	3.03	0.15
12.20	2.44	2.21	3.79	14.80	3.26	3.03	0.15
12.25	2.50	2.27	3.00	14.85	3.27	3.04	0.15
12.30	2.55	2.32	2.26	14.90	3.28	3.04	0.14
12.35	2.59	2.36	1.77	14.95	3.28	3.05	0.14
12.40	2.63	2.40	1.44	15.00	3.29	3.05	0.14
12.45	2.67	2.44	1.20	15.05	3.29	3.06	0.13
12.50	2.71	2.48	1.05	15.10	3.30	3.07	0.13
12.55	2.74	2.51	0.95	15.15	3.30	3.07	0.13
12.60	2.76	2.53	0.85	15.20	3.31	3.08	0.12
12.65	2.79	2.56	0.72	15.25	3.31	3.08	0.12
12.70	2.81	2.58	0.64	15.30	3.32	3.09	0.12
12.75	2.83	2.60	0.58	15.35	3.32	3.09	0.12
12.80	2.85	2.62	0.55	15.40	3.33	3.10	0.12
12.85	2.87	2.64	0.52	15.45	3.34	3.10	0.12
12.90	2.89	2.66	0.49	15.50	3.34	3.11	0.12
12.95	2.91	2.68	0.47	15.55	3.35	3.11	0.12

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.12	18.20	3.56	3.32	0.07
15.65	3.36	3.12	0.11	18.25	3.56	3.33	0.07
15.70	3.36	3.13	0.11	18.30	3.56	3.33	0.07
15.75	3.36	3.13	0.11	18.35	3.57	3.33	0.07
15.80	3.37	3.14	0.11	18.40	3.57	3.34	0.07
15.85	3.37	3.14	0.11	18.45	3.57	3.34	0.07
15.90	3.38	3.15	0.11	18.50	3.58	3.34	0.07
15.95	3.38	3.15	0.11	18.55	3.58	3.34	0.07
16.00	3.39	3.16	0.11	18.60	3.58	3.35	0.07
16.05	3.39	3.16	0.11	18.65	3.58	3.35	0.07
16.10	3.40	3.16	0.11	18.70	3.59	3.35	0.07
16.15	3.40	3.17	0.11	18.75	3.59	3.36	0.07
16.20	3.41	3.17	0.11	18.80	3.59	3.36	0.07
16.25	3.41	3.18	0.10	18.85	3.60	3.36	0.07
16.30	3.42	3.18	0.10	18.90	3.60	3.37	0.07
16.35	3.42	3.19	0.10	18.95	3.60	3.37	0.07
16.40	3.42	3.19	0.10	19.00	3.61	3.37	0.07
16.45	3.43	3.20	0.10	19.05	3.61	3.37	0.07
16.50	3.43	3.20	0.10	19.10	3.61	3.38	0.07
16.55	3.44	3.20	0.10	19.15	3.61	3.38	0.07
16.60	3.44	3.21	0.10	19.20	3.62	3.38	0.07
16.65	3.45	3.21	0.10	19.25	3.62	3.39	0.07
16.70	3.45	3.22	0.10	19.30	3.62	3.39	0.07
16.75	3.45	3.22	0.10	19.35	3.63	3.39	0.07
16.80	3.46	3.23	0.09	19.40	3.63	3.39	0.07
16.85	3.46	3.23	0.09	19.45	3.63	3.40	0.06
16.90	3.47	3.23	0.09	19.50	3.63	3.40	0.06
16.95	3.47	3.24	0.09	19.55	3.64	3.40	0.06
17.00	3.47	3.24	0.09	19.60	3.64	3.41	0.06
17.05	3.48	3.24	0.09	19.65	3.64	3.41	0.06
17.10	3.48	3.25	0.09	19.70	3.65	3.41	0.06
17.15	3.49	3.25	0.09	19.75	3.65	3.41	0.06
17.20	3.49	3.26	0.09	19.80	3.65	3.42	0.06
17.25	3.49	3.26	0.09	19.85	3.65	3.42	0.06
17.30	3.50	3.26	0.09	19.90	3.66	3.42	0.06
17.35	3.50	3.27	0.09	19.95	3.66	3.42	0.06
17.40	3.50	3.27	0.08	20.00	3.66	3.43	0.06
17.45	3.51	3.27	0.08	20.05	3.66	3.43	0.06
17.50	3.51	3.28	0.08	20.10	3.67	3.43	0.06
17.55	3.52	3.28	0.08	20.15	3.67	3.44	0.06
17.60	3.52	3.28	0.08	20.20	3.67	3.44	0.06
17.65	3.52	3.29	0.08	20.25	3.68	3.44	0.06
17.70	3.53	3.29	0.08	20.30	3.68	3.44	0.06
17.75	3.53	3.30	0.08	20.35	3.68	3.45	0.06
17.80	3.53	3.30	0.08	20.40	3.68	3.45	0.06
17.85	3.54	3.30	0.08	20.45	3.69	3.45	0.06
17.90	3.54	3.30	0.08	20.50	3.69	3.45	0.06
17.95	3.54	3.31	0.07	20.55	3.69	3.46	0.06
18.00	3.54	3.31	0.07	20.60	3.69	3.46	0.06
18.05	3.55	3.31	0.07	20.65	3.70	3.46	0.06
18.10	3.55	3.32	0.07	20.70	3.70	3.46	0.06
18.15	3.55	3.32	0.07	20.75	3.70	3.47	0.06

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.06	23.40	3.82	3.59	0.05
20.85	3.71	3.47	0.06	23.45	3.83	3.59	0.05
20.90	3.71	3.47	0.06	23.50	3.83	3.59	0.05
20.95	3.71	3.48	0.06	23.55	3.83	3.60	0.05
21.00	3.71	3.48	0.06	23.60	3.83	3.60	0.05
21.05	3.72	3.48	0.06	23.65	3.84	3.60	0.05
21.10	3.72	3.49	0.06	23.70	3.84	3.60	0.05
21.15	3.72	3.49	0.06	23.75	3.84	3.60	0.05
21.20	3.72	3.49	0.06	23.80	3.84	3.61	0.05
21.25	3.73	3.49	0.06	23.85	3.84	3.61	0.05
21.30	3.73	3.50	0.06	23.90	3.85	3.61	0.05
21.35	3.73	3.50	0.06	23.95	3.85	3.61	0.05
21.40	3.73	3.50	0.06	24.00	3.85	3.62	0.05
21.45	3.74	3.50	0.06	24.05	3.85	3.62	0.05
21.50	3.74	3.50	0.06	24.10	3.85	3.62	0.04
21.55	3.74	3.51	0.06	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.06	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.06	24.25	3.85	3.62	0.01
21.70	3.75	3.51	0.06	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.05	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.05	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.05	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.05	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.05	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.05	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.05	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.05	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.05	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.05	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.05	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.05	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.05	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.05	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.05	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.05	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.05	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.05	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.05	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.05	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.05	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.05	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.05	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.05	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.05	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.05	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.05	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.05	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.05	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Summary for Subcatchment 20P: PDA-20 (pervious)

Runoff = 2.15 cfs @ 12.18 hrs, Volume= 0.164 af, Depth= 1.49"
 Routed to Pond B-20 : Basin #20

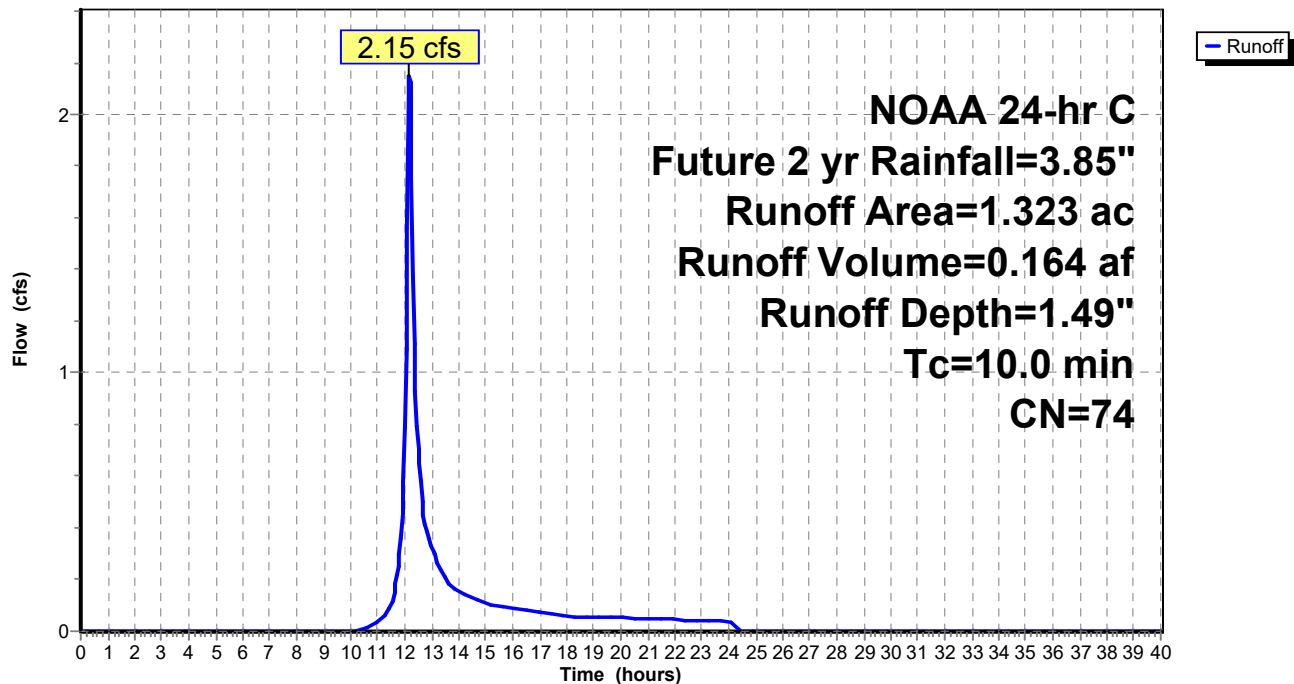
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.323	74	>75% Grass cover, Good, HSG C
1.323		100.00% Pervious Area

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



Hydrograph for Subcatchment 20P: PDA-20 (pervious)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.32
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.31
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.29
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.27
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.26
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.25
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.24
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.23
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.22
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.21
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.20
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.19
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.19
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.18
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.17
11.15	0.98	0.02	0.05	13.75	3.10	0.97	0.17
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.16
11.25	1.02	0.03	0.06	13.85	3.12	0.99	0.16
11.30	1.04	0.03	0.07	13.90	3.13	0.99	0.16
11.35	1.06	0.03	0.08	13.95	3.14	1.00	0.16
11.40	1.09	0.04	0.09	14.00	3.15	1.00	0.15
11.45	1.11	0.04	0.10	14.05	3.16	1.01	0.15
11.50	1.14	0.05	0.11	14.10	3.16	1.01	0.15
11.55	1.18	0.06	0.12	14.15	3.17	1.02	0.15
11.60	1.22	0.07	0.15	14.20	3.18	1.02	0.14
11.65	1.26	0.08	0.19	14.25	3.19	1.03	0.14
11.70	1.30	0.09	0.22	14.30	3.20	1.03	0.14
11.75	1.35	0.10	0.25	14.35	3.20	1.04	0.14
11.80	1.41	0.12	0.30	14.40	3.21	1.04	0.14
11.85	1.49	0.14	0.36	14.45	3.22	1.05	0.13
11.90	1.57	0.17	0.45	14.50	3.23	1.05	0.13
11.95	1.70	0.22	0.58	14.55	3.23	1.06	0.13
12.00	1.83	0.28	0.79	14.60	3.24	1.06	0.13
12.05	2.06	0.38	1.09	14.65	3.25	1.07	0.12
12.10	2.28	0.49	1.56	14.70	3.25	1.07	0.12
12.15	2.36	0.53	2.06	14.75	3.26	1.08	0.12
12.20	2.44	0.57	2.12	14.80	3.26	1.08	0.12
12.25	2.50	0.61	1.75	14.85	3.27	1.08	0.11
12.30	2.55	0.64	1.37	14.90	3.28	1.09	0.11
12.35	2.59	0.66	1.11	14.95	3.28	1.09	0.11
12.40	2.63	0.69	0.93	15.00	3.29	1.10	0.11
12.45	2.67	0.71	0.79	15.05	3.29	1.10	0.10
12.50	2.71	0.73	0.70	15.10	3.30	1.10	0.10
12.55	2.74	0.75	0.65	15.15	3.30	1.11	0.10
12.60	2.76	0.76	0.58	15.20	3.31	1.11	0.10
12.65	2.79	0.78	0.50	15.25	3.31	1.11	0.10
12.70	2.81	0.79	0.45	15.30	3.32	1.12	0.10
12.75	2.83	0.80	0.41	15.35	3.32	1.12	0.09
12.80	2.85	0.82	0.39	15.40	3.33	1.12	0.09
12.85	2.87	0.83	0.37	15.45	3.34	1.13	0.09
12.90	2.89	0.84	0.35	15.50	3.34	1.13	0.09
12.95	2.91	0.85	0.34	15.55	3.35	1.13	0.09

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.09	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.09	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.09	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.09	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.09	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.09	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.09	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.09	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.09	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.09	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.09	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.08	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.08	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.08	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.08	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.08	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.08	19.00	3.61	1.31	0.05
16.45	3.43	1.19	0.08	19.05	3.61	1.32	0.05
16.50	3.43	1.19	0.08	19.10	3.61	1.32	0.05
16.55	3.44	1.20	0.08	19.15	3.61	1.32	0.05
16.60	3.44	1.20	0.08	19.20	3.62	1.32	0.05
16.65	3.45	1.20	0.08	19.25	3.62	1.32	0.05
16.70	3.45	1.21	0.08	19.30	3.62	1.33	0.05
16.75	3.45	1.21	0.08	19.35	3.63	1.33	0.05
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.05
16.85	3.46	1.21	0.08	19.45	3.63	1.33	0.05
16.90	3.47	1.22	0.07	19.50	3.63	1.33	0.05
16.95	3.47	1.22	0.07	19.55	3.64	1.34	0.05
17.00	3.47	1.22	0.07	19.60	3.64	1.34	0.05
17.05	3.48	1.22	0.07	19.65	3.64	1.34	0.05
17.10	3.48	1.23	0.07	19.70	3.65	1.34	0.05
17.15	3.49	1.23	0.07	19.75	3.65	1.34	0.05
17.20	3.49	1.23	0.07	19.80	3.65	1.34	0.05
17.25	3.49	1.24	0.07	19.85	3.65	1.35	0.05
17.30	3.50	1.24	0.07	19.90	3.66	1.35	0.05
17.35	3.50	1.24	0.07	19.95	3.66	1.35	0.05
17.40	3.50	1.24	0.07	20.00	3.66	1.35	0.05
17.45	3.51	1.25	0.07	20.05	3.66	1.35	0.05
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.05
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.05
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.05
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.05
17.70	3.53	1.26	0.06	20.30	3.68	1.36	0.05
17.75	3.53	1.26	0.06	20.35	3.68	1.37	0.05
17.80	3.53	1.26	0.06	20.40	3.68	1.37	0.05
17.85	3.54	1.26	0.06	20.45	3.69	1.37	0.05
17.90	3.54	1.27	0.06	20.50	3.69	1.37	0.05
17.95	3.54	1.27	0.06	20.55	3.69	1.37	0.05
18.00	3.54	1.27	0.06	20.60	3.69	1.38	0.05
18.05	3.55	1.27	0.06	20.65	3.70	1.38	0.05
18.10	3.55	1.28	0.06	20.70	3.70	1.38	0.05
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.04
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.04
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.03
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.04	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.04	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.04	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.04	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.04	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.04	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.04	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.04	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.04	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.04	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.04	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.04	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.04	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.04	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.04	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.04	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.04	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.04	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.04	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.04	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.04	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.04	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.04	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.04	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.04	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.04	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Summary for Subcatchment 21I: PDA-21 (impervious)

Runoff = 3.09 cfs @ 12.17 hrs, Volume= 0.267 af, Depth= 3.62"
 Routed to Pond B-21 : Basin #21

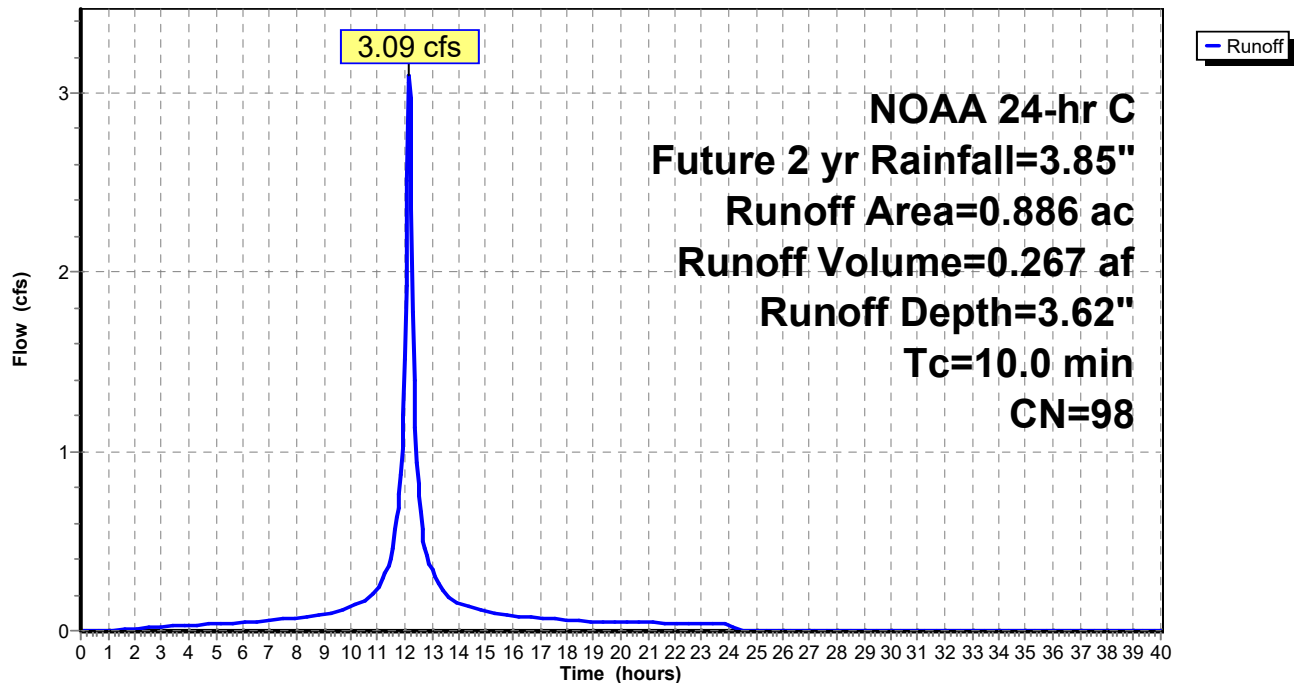
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.511	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.054	98	Concrete, HSC C
0.886	98	Weighted Average
0.886		100.00% Impervious Area

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



Hydrograph for Subcatchment 21I: PDA-21 (impervious)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.10
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.11
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.12
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.12
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.13
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.13
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.14
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.14
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.15
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.15	13.00	2.93	2.69	0.35
10.45	0.78	0.58	0.16	13.05	2.94	2.71	0.33
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.31
10.55	0.80	0.60	0.16	13.15	2.97	2.74	0.29
10.60	0.82	0.61	0.17	13.20	2.98	2.75	0.28
10.65	0.83	0.62	0.18	13.25	3.00	2.77	0.26
10.70	0.84	0.64	0.18	13.30	3.01	2.78	0.25
10.75	0.85	0.65	0.19	13.35	3.02	2.79	0.24
10.80	0.87	0.66	0.20	13.40	3.03	2.80	0.23
10.85	0.88	0.67	0.21	13.45	3.05	2.81	0.22
10.90	0.89	0.69	0.22	13.50	3.06	2.82	0.21
10.95	0.91	0.70	0.23	13.55	3.07	2.83	0.20
11.00	0.92	0.72	0.24	13.60	3.08	2.84	0.19
11.05	0.94	0.73	0.25	13.65	3.09	2.85	0.18
11.10	0.96	0.75	0.27	13.70	3.09	2.86	0.18
11.15	0.98	0.77	0.28	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.30	13.80	3.11	2.88	0.17
11.25	1.02	0.81	0.32	13.85	3.12	2.89	0.17
11.30	1.04	0.83	0.33	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.35	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.37	14.00	3.15	2.92	0.16
11.45	1.11	0.90	0.39	14.05	3.16	2.92	0.16
11.50	1.14	0.92	0.41	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.43	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.49	14.20	3.18	2.95	0.15
11.65	1.26	1.04	0.57	14.25	3.19	2.96	0.15
11.70	1.30	1.08	0.63	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.68	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.76	14.40	3.21	2.98	0.14
11.85	1.49	1.27	0.87	14.45	3.22	2.99	0.13
11.90	1.57	1.34	1.01	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.20	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.51	14.60	3.24	3.01	0.13
12.05	2.06	1.83	1.93	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.51	14.70	3.25	3.02	0.12
12.15	2.36	2.13	3.05	14.75	3.26	3.03	0.12
12.20	2.44	2.21	2.97	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.35	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.77	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.39	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.13	15.00	3.29	3.05	0.11
12.45	2.67	2.44	0.94	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.82	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.75	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.66	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.57	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.50	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.46	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.43	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.41	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.39	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.37	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Summary for Subcatchment 21P: PDA-21 (pervious)

Runoff = 2.62 cfs @ 12.18 hrs, Volume= 0.200 af, Depth= 1.49"
 Routed to Pond B-21 : Basin #21

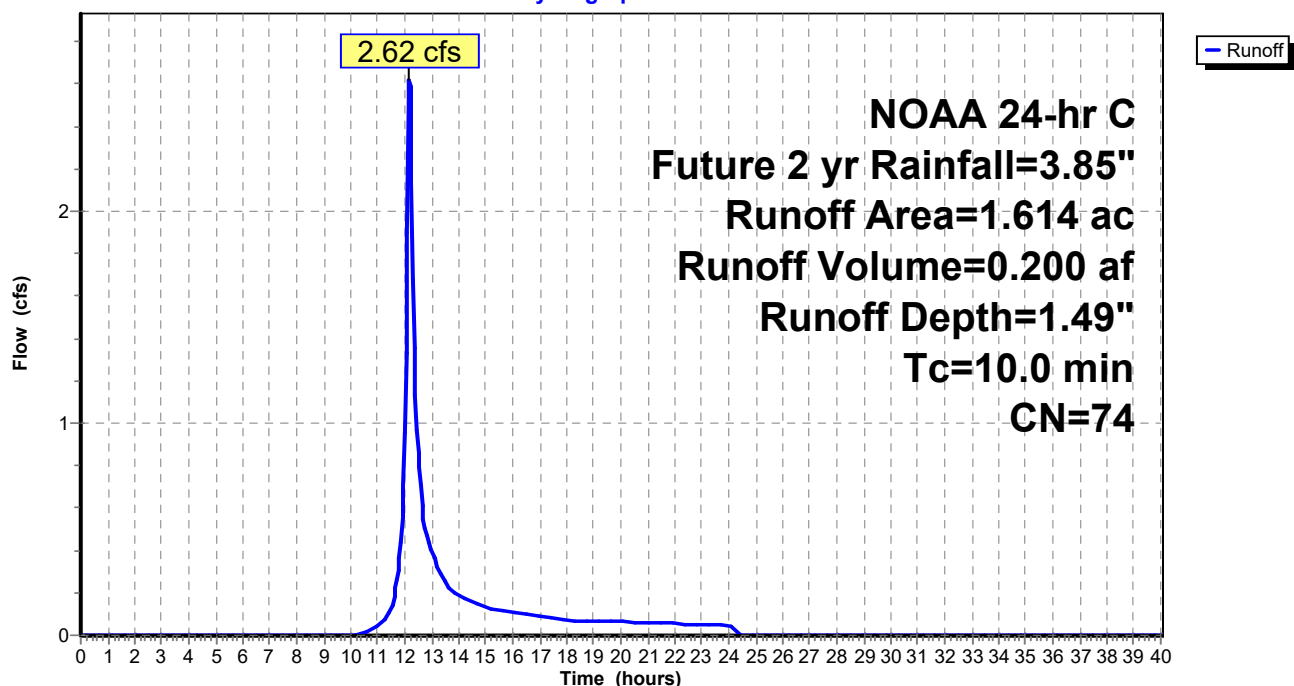
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.614	74	>75% Grass cover, Good, HSG C
1.614		100.00% Pervious Area

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



Hydrograph for Subcatchment 21P: PDA-21 (pervious)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.39
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.37
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.35
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.33
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.30
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.29
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.28
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.27
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.20
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.19
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.18
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.18	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.17
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.36	14.40	3.21	1.04	0.16
11.85	1.49	0.14	0.44	14.45	3.22	1.05	0.16
11.90	1.57	0.17	0.55	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.70	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.96	14.60	3.24	1.06	0.15
12.05	2.06	0.38	1.33	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.90	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.51	14.75	3.26	1.08	0.14
12.20	2.44	0.57	2.59	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.14	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.67	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.36	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.13	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.96	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.86	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.79	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.71	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.62	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.54	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.50	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.47	15.40	3.33	1.12	0.11
12.85	2.87	0.83	0.45	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.43	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.41	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Summary for Subcatchment 22I: PDA-22 (impervious)

Runoff = 2.84 cfs @ 12.17 hrs, Volume= 0.245 af, Depth= 3.62"
 Routed to Pond B-22 : Basin #22

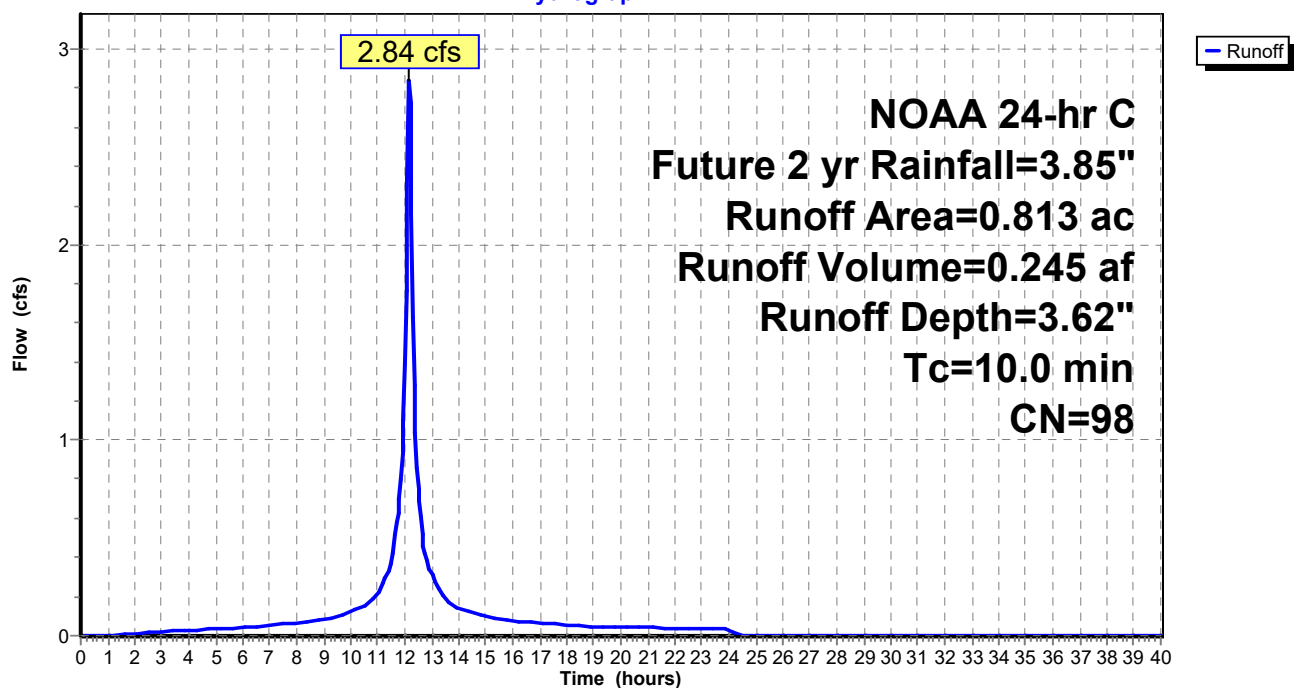
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.083	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.023	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



Hydrograph for Subcatchment 22I: PDA-22 (impervious)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.07
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.10
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.12
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.13
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.13
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.14
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.14

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.14	13.00	2.93	2.69	0.32
10.45	0.78	0.58	0.14	13.05	2.94	2.71	0.30
10.50	0.79	0.59	0.15	13.10	2.96	2.73	0.28
10.55	0.80	0.60	0.15	13.15	2.97	2.74	0.27
10.60	0.82	0.61	0.15	13.20	2.98	2.75	0.25
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.24
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.23
10.75	0.85	0.65	0.18	13.35	3.02	2.79	0.22
10.80	0.87	0.66	0.19	13.40	3.03	2.80	0.21
10.85	0.88	0.67	0.20	13.45	3.05	2.81	0.20
10.90	0.89	0.69	0.20	13.50	3.06	2.82	0.20
10.95	0.91	0.70	0.21	13.55	3.07	2.83	0.19
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.18
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.17
11.10	0.96	0.75	0.24	13.70	3.09	2.86	0.16
11.15	0.98	0.77	0.26	13.75	3.10	2.87	0.16
11.20	1.00	0.79	0.27	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.29	13.85	3.12	2.89	0.15
11.30	1.04	0.83	0.31	13.90	3.13	2.90	0.15
11.35	1.06	0.85	0.32	13.95	3.14	2.91	0.15
11.40	1.09	0.88	0.34	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.36	14.05	3.16	2.92	0.14
11.50	1.14	0.92	0.37	14.10	3.16	2.93	0.14
11.55	1.18	0.96	0.39	14.15	3.17	2.94	0.14
11.60	1.22	1.00	0.45	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.52	14.25	3.19	2.96	0.13
11.70	1.30	1.08	0.58	14.30	3.20	2.96	0.13
11.75	1.35	1.14	0.63	14.35	3.20	2.97	0.13
11.80	1.41	1.19	0.70	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.80	14.45	3.22	2.99	0.12
11.90	1.57	1.34	0.93	14.50	3.23	2.99	0.12
11.95	1.70	1.48	1.11	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.39	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.77	14.65	3.25	3.01	0.11
12.10	2.28	2.06	2.30	14.70	3.25	3.02	0.11
12.15	2.36	2.13	2.80	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.72	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.16	14.85	3.27	3.04	0.10
12.30	2.55	2.32	1.63	14.90	3.28	3.04	0.10
12.35	2.59	2.36	1.28	14.95	3.28	3.05	0.10
12.40	2.63	2.40	1.04	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.86	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.75	15.10	3.30	3.07	0.09
12.55	2.74	2.51	0.69	15.15	3.30	3.07	0.09
12.60	2.76	2.53	0.61	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.52	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.46	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.42	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.39	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.37	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.35	15.50	3.34	3.11	0.08
12.95	2.91	2.68	0.34	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.08	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.08	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.08	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.07	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.07	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Summary for Subcatchment 22P: PDA-22 (pervious)

Runoff = 2.67 cfs @ 12.18 hrs, Volume= 0.204 af, Depth= 1.49"
 Routed to Pond B-22 : Basin #22

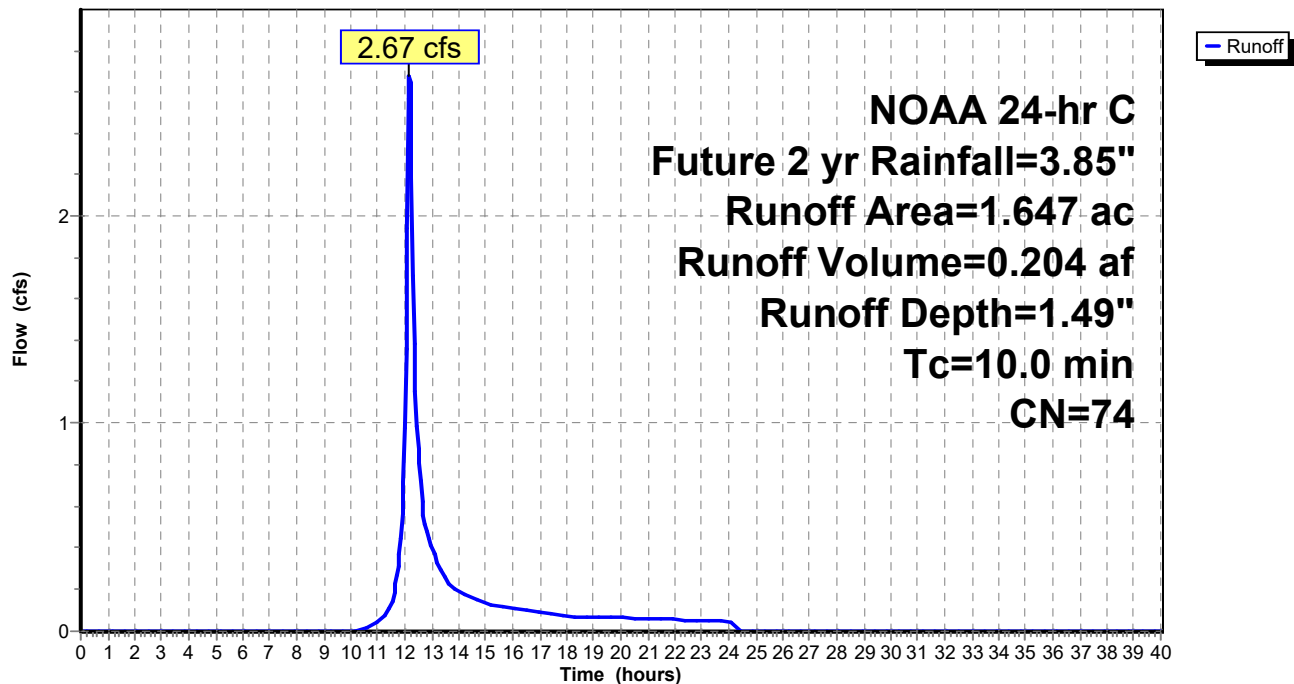
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.647	74	>75% Grass cover, Good, HSG C
1.647		100.00% Pervious Area

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



Hydrograph for Subcatchment 22P: PDA-22 (pervious)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.40
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.38
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.36
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.34
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.31
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.30
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.29
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.28
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.06	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.21
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.20
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.13	14.05	3.16	1.01	0.19
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.19
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.19	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.18
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.37	14.40	3.21	1.04	0.17
11.85	1.49	0.14	0.45	14.45	3.22	1.05	0.17
11.90	1.57	0.17	0.56	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.72	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.98	14.60	3.24	1.06	0.16
12.05	2.06	0.38	1.36	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.94	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.56	14.75	3.26	1.08	0.15
12.20	2.44	0.57	2.64	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.18	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.71	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.38	14.95	3.28	1.09	0.14
12.40	2.63	0.69	1.15	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.98	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.88	15.10	3.30	1.10	0.13
12.55	2.74	0.75	0.81	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.73	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.63	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.56	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.51	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.48	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.46	15.45	3.34	1.13	0.12
12.90	2.89	0.84	0.44	15.50	3.34	1.13	0.12
12.95	2.91	0.85	0.42	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.11	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.11	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.10	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.07
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.07
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.07
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.07
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.07
17.35	3.50	1.24	0.09	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.08	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.03
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.06	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.06	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.06	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.06	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Summary for Subcatchment 23I: PDA-23 (impervious)

Runoff = 2.87 cfs @ 12.17 hrs, Volume= 0.248 af, Depth= 3.62"
 Routed to Pond B-23 : Basin #23

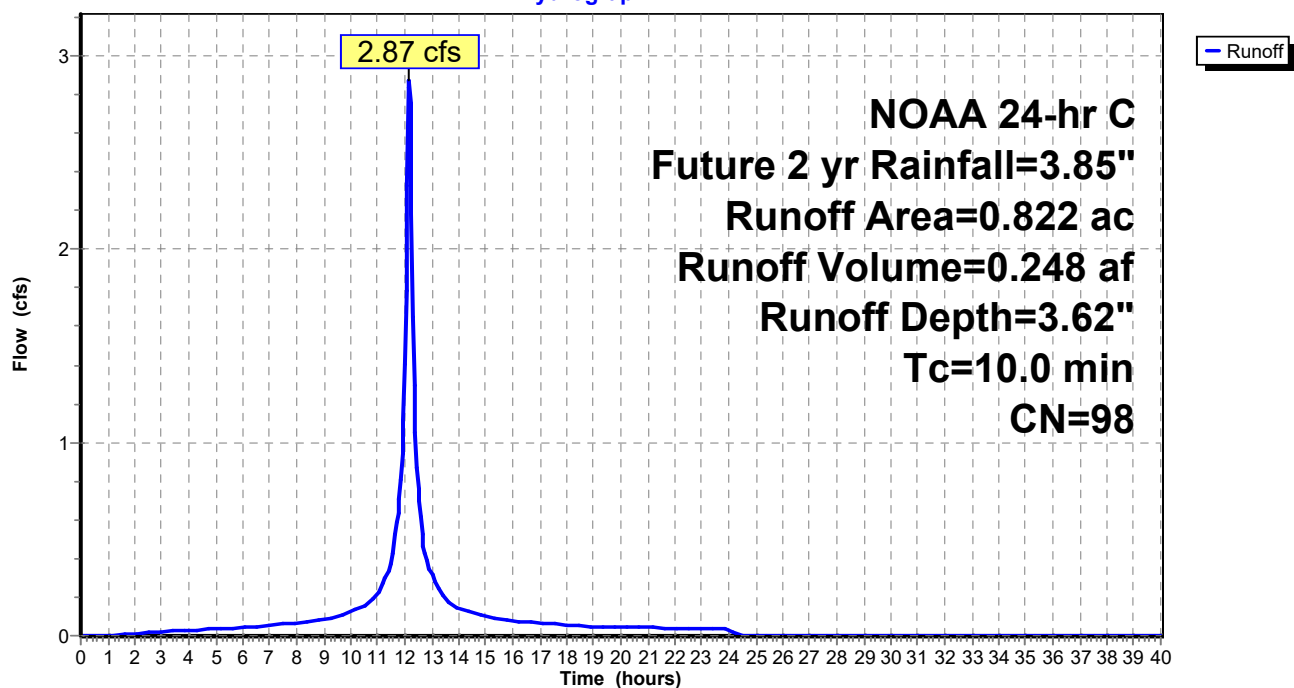
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.719	98	Pavement, HSG C
* 0.103	98	Concrete, HSG C
0.000	98	Roofs, HSG C
0.822	98	Weighted Average
0.822		100.00% Impervious Area

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



Hydrograph for Subcatchment 23I: PDA-23 (impervious)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.12
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.13
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.13
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.14
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.14

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.14	13.00	2.93	2.69	0.32
10.45	0.78	0.58	0.15	13.05	2.94	2.71	0.30
10.50	0.79	0.59	0.15	13.10	2.96	2.73	0.29
10.55	0.80	0.60	0.15	13.15	2.97	2.74	0.27
10.60	0.82	0.61	0.16	13.20	2.98	2.75	0.26
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.25
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.24
10.75	0.85	0.65	0.18	13.35	3.02	2.79	0.23
10.80	0.87	0.66	0.19	13.40	3.03	2.80	0.22
10.85	0.88	0.67	0.20	13.45	3.05	2.81	0.21
10.90	0.89	0.69	0.21	13.50	3.06	2.82	0.20
10.95	0.91	0.70	0.22	13.55	3.07	2.83	0.19
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.18
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.17
11.10	0.96	0.75	0.25	13.70	3.09	2.86	0.16
11.15	0.98	0.77	0.26	13.75	3.10	2.87	0.16
11.20	1.00	0.79	0.28	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.29	13.85	3.12	2.89	0.15
11.30	1.04	0.83	0.31	13.90	3.13	2.90	0.15
11.35	1.06	0.85	0.33	13.95	3.14	2.91	0.15
11.40	1.09	0.88	0.34	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.36	14.05	3.16	2.92	0.14
11.50	1.14	0.92	0.38	14.10	3.16	2.93	0.14
11.55	1.18	0.96	0.40	14.15	3.17	2.94	0.14
11.60	1.22	1.00	0.45	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.53	14.25	3.19	2.96	0.13
11.70	1.30	1.08	0.59	14.30	3.20	2.96	0.13
11.75	1.35	1.14	0.63	14.35	3.20	2.97	0.13
11.80	1.41	1.19	0.70	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.80	14.45	3.22	2.99	0.13
11.90	1.57	1.34	0.94	14.50	3.23	2.99	0.12
11.95	1.70	1.48	1.12	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.40	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.79	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.32	14.70	3.25	3.02	0.11
12.15	2.36	2.13	2.83	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.75	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.18	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.65	14.90	3.28	3.04	0.10
12.35	2.59	2.36	1.29	14.95	3.28	3.05	0.10
12.40	2.63	2.40	1.05	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.87	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.76	15.10	3.30	3.07	0.09
12.55	2.74	2.51	0.69	15.15	3.30	3.07	0.09
12.60	2.76	2.53	0.62	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.53	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.46	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.42	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.40	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.38	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.36	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.34	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.08	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.08	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.08	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.07	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Summary for Subcatchment 23P: PDA-23 (pervious)

Runoff = 2.64 cfs @ 12.18 hrs, Volume= 0.202 af, Depth= 1.49"
 Routed to Pond B-23 : Basin #23

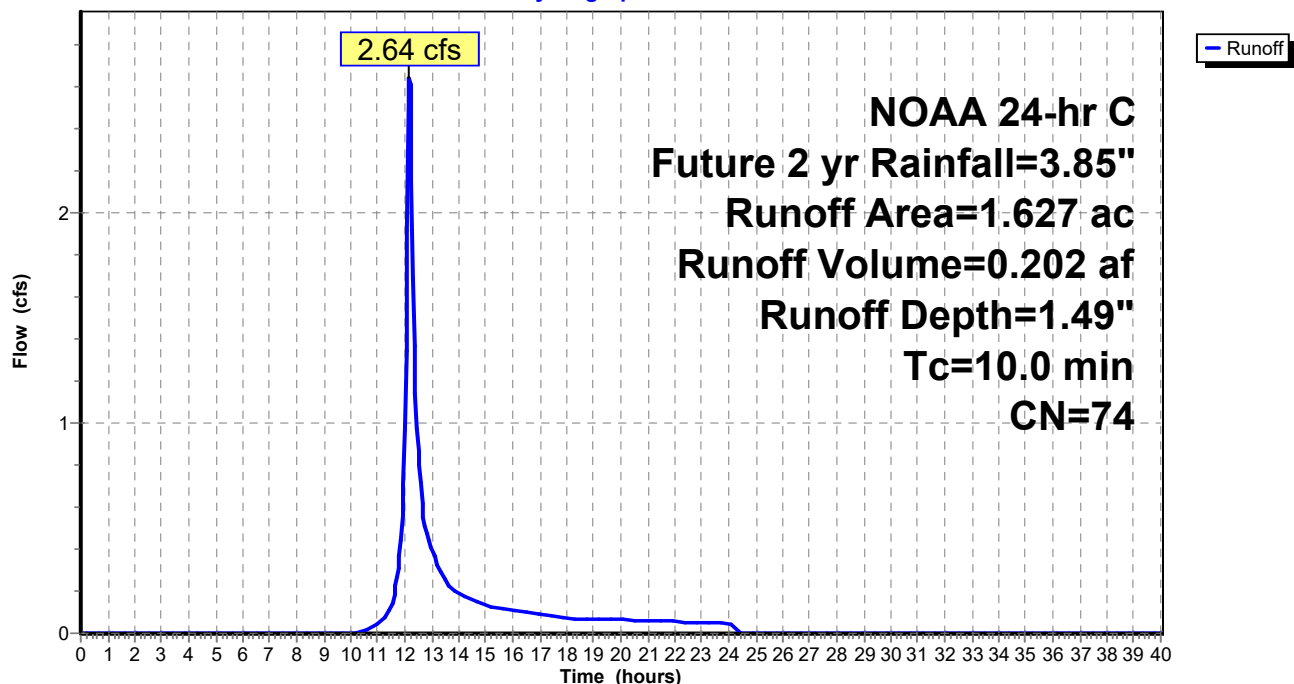
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.627	74	>75% Grass cover, Good, HSG C
1.627		100.00% Pervious Area

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



Hydrograph for Subcatchment 23P: PDA-23 (pervious)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.39
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.38
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.36
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.34
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.31
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.29
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.28
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.27
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.20
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.19
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.19
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.18	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.18
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.37	14.40	3.21	1.04	0.17
11.85	1.49	0.14	0.44	14.45	3.22	1.05	0.16
11.90	1.57	0.17	0.56	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.71	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.97	14.60	3.24	1.06	0.15
12.05	2.06	0.38	1.34	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.91	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.53	14.75	3.26	1.08	0.15
12.20	2.44	0.57	2.61	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.16	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.69	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.37	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.14	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.97	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.87	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.80	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.72	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.62	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.55	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.51	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.48	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.46	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.43	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.41	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Summary for Subcatchment 24I: PDA-24 (impervious)

Runoff = 3.15 cfs @ 12.17 hrs, Volume= 0.272 af, Depth= 3.62"
 Routed to Pond B-24 : Basin #24

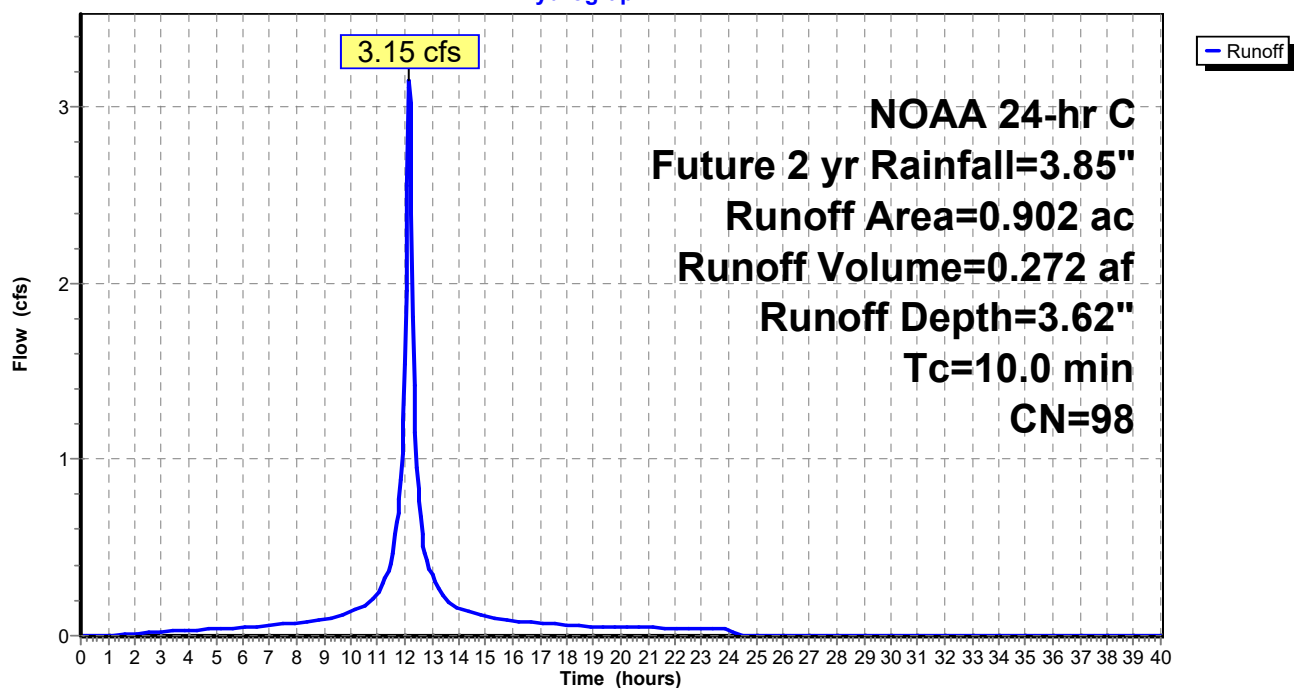
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



Hydrograph for Subcatchment 24I: PDA-24 (impervious)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.08
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.10
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.10
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.11
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.11
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.12
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.12
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.13
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.13
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.14
7.45	0.41	0.24	0.07	10.05	0.71	0.51	0.14
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.15
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.15
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.16

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.16	13.00	2.93	2.69	0.35
10.45	0.78	0.58	0.16	13.05	2.94	2.71	0.33
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.32
10.55	0.80	0.60	0.17	13.15	2.97	2.74	0.30
10.60	0.82	0.61	0.17	13.20	2.98	2.75	0.28
10.65	0.83	0.62	0.18	13.25	3.00	2.77	0.27
10.70	0.84	0.64	0.19	13.30	3.01	2.78	0.26
10.75	0.85	0.65	0.20	13.35	3.02	2.79	0.25
10.80	0.87	0.66	0.21	13.40	3.03	2.80	0.24
10.85	0.88	0.67	0.22	13.45	3.05	2.81	0.23
10.90	0.89	0.69	0.23	13.50	3.06	2.82	0.22
10.95	0.91	0.70	0.24	13.55	3.07	2.83	0.21
11.00	0.92	0.72	0.25	13.60	3.08	2.84	0.20
11.05	0.94	0.73	0.26	13.65	3.09	2.85	0.19
11.10	0.96	0.75	0.27	13.70	3.09	2.86	0.18
11.15	0.98	0.77	0.29	13.75	3.10	2.87	0.18
11.20	1.00	0.79	0.30	13.80	3.11	2.88	0.17
11.25	1.02	0.81	0.32	13.85	3.12	2.89	0.17
11.30	1.04	0.83	0.34	13.90	3.13	2.90	0.17
11.35	1.06	0.85	0.36	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.38	14.00	3.15	2.92	0.16
11.45	1.11	0.90	0.40	14.05	3.16	2.92	0.16
11.50	1.14	0.92	0.41	14.10	3.16	2.93	0.16
11.55	1.18	0.96	0.44	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.49	14.20	3.18	2.95	0.15
11.65	1.26	1.04	0.58	14.25	3.19	2.96	0.15
11.70	1.30	1.08	0.64	14.30	3.20	2.96	0.15
11.75	1.35	1.14	0.70	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.77	14.40	3.21	2.98	0.14
11.85	1.49	1.27	0.88	14.45	3.22	2.99	0.14
11.90	1.57	1.34	1.03	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.23	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.54	14.60	3.24	3.01	0.13
12.05	2.06	1.83	1.96	14.65	3.25	3.01	0.13
12.10	2.28	2.06	2.55	14.70	3.25	3.02	0.12
12.15	2.36	2.13	3.11	14.75	3.26	3.03	0.12
12.20	2.44	2.21	3.02	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.40	14.85	3.27	3.04	0.12
12.30	2.55	2.32	1.81	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.42	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.15	15.00	3.29	3.05	0.11
12.45	2.67	2.44	0.96	15.05	3.29	3.06	0.11
12.50	2.71	2.48	0.84	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.76	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.67	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.58	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.51	15.30	3.32	3.09	0.10
12.75	2.83	2.60	0.47	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.44	15.40	3.33	3.10	0.10
12.85	2.87	2.64	0.41	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.39	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.37	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.06
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.06
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.09	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.07	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 2.44 cfs @ 12.18 hrs, Volume= 0.187 af, Depth= 1.49"
 Routed to Pond B-24 : Basin #24

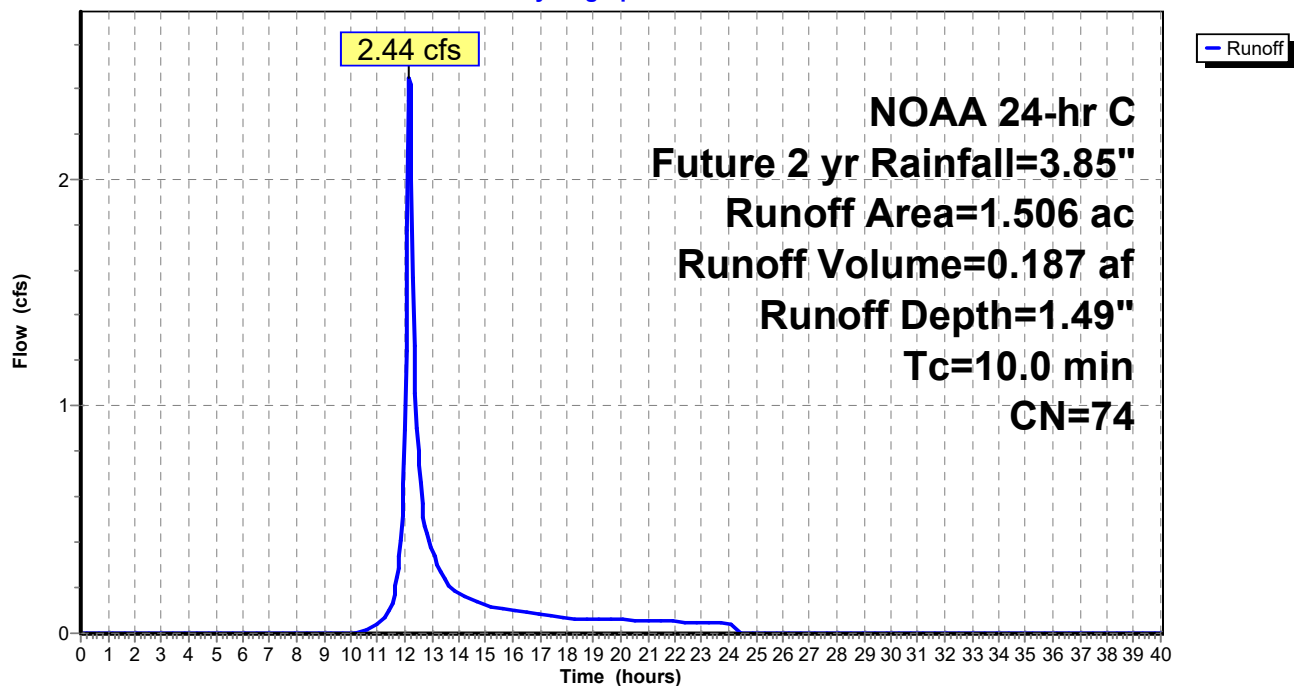
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.37
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.35
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.33
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.31
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.30
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.28
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.27
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.26
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.25
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.24
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.23
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.22
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.21
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.20
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.19
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.19
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.19
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.18
11.30	1.04	0.03	0.08	13.90	3.13	0.99	0.18
11.35	1.06	0.03	0.09	13.95	3.14	1.00	0.18
11.40	1.09	0.04	0.10	14.00	3.15	1.00	0.18
11.45	1.11	0.04	0.11	14.05	3.16	1.01	0.17
11.50	1.14	0.05	0.13	14.10	3.16	1.01	0.17
11.55	1.18	0.06	0.14	14.15	3.17	1.02	0.17
11.60	1.22	0.07	0.17	14.20	3.18	1.02	0.16
11.65	1.26	0.08	0.21	14.25	3.19	1.03	0.16
11.70	1.30	0.09	0.25	14.30	3.20	1.03	0.16
11.75	1.35	0.10	0.29	14.35	3.20	1.04	0.16
11.80	1.41	0.12	0.34	14.40	3.21	1.04	0.15
11.85	1.49	0.14	0.41	14.45	3.22	1.05	0.15
11.90	1.57	0.17	0.51	14.50	3.23	1.05	0.15
11.95	1.70	0.22	0.66	14.55	3.23	1.06	0.15
12.00	1.83	0.28	0.89	14.60	3.24	1.06	0.14
12.05	2.06	0.38	1.24	14.65	3.25	1.07	0.14
12.10	2.28	0.49	1.77	14.70	3.25	1.07	0.14
12.15	2.36	0.53	2.34	14.75	3.26	1.08	0.13
12.20	2.44	0.57	2.41	14.80	3.26	1.08	0.13
12.25	2.50	0.61	2.00	14.85	3.27	1.08	0.13
12.30	2.55	0.64	1.56	14.90	3.28	1.09	0.13
12.35	2.59	0.66	1.27	14.95	3.28	1.09	0.12
12.40	2.63	0.69	1.05	15.00	3.29	1.10	0.12
12.45	2.67	0.71	0.90	15.05	3.29	1.10	0.12
12.50	2.71	0.73	0.80	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.74	15.15	3.30	1.11	0.11
12.60	2.76	0.76	0.66	15.20	3.31	1.11	0.11
12.65	2.79	0.78	0.57	15.25	3.31	1.11	0.11
12.70	2.81	0.79	0.51	15.30	3.32	1.12	0.11
12.75	2.83	0.80	0.47	15.35	3.32	1.12	0.11
12.80	2.85	0.82	0.44	15.40	3.33	1.12	0.11
12.85	2.87	0.83	0.42	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.40	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.38	15.55	3.35	1.13	0.10

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.10	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.10	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.10	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.10	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.10	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.10	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.10	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.10	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.10	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.09	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.09	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.09	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.09	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.09	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.09	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.09	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.09	19.25	3.62	1.32	0.06
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.06
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.06
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.06
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.06
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.08	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.08	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.08	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.08	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.08	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.08	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.08	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.07	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.07	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.07	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 3.05 cfs @ 12.17 hrs, Volume= 0.263 af, Depth= 3.62"
 Routed to Pond B-25 : Basin #25

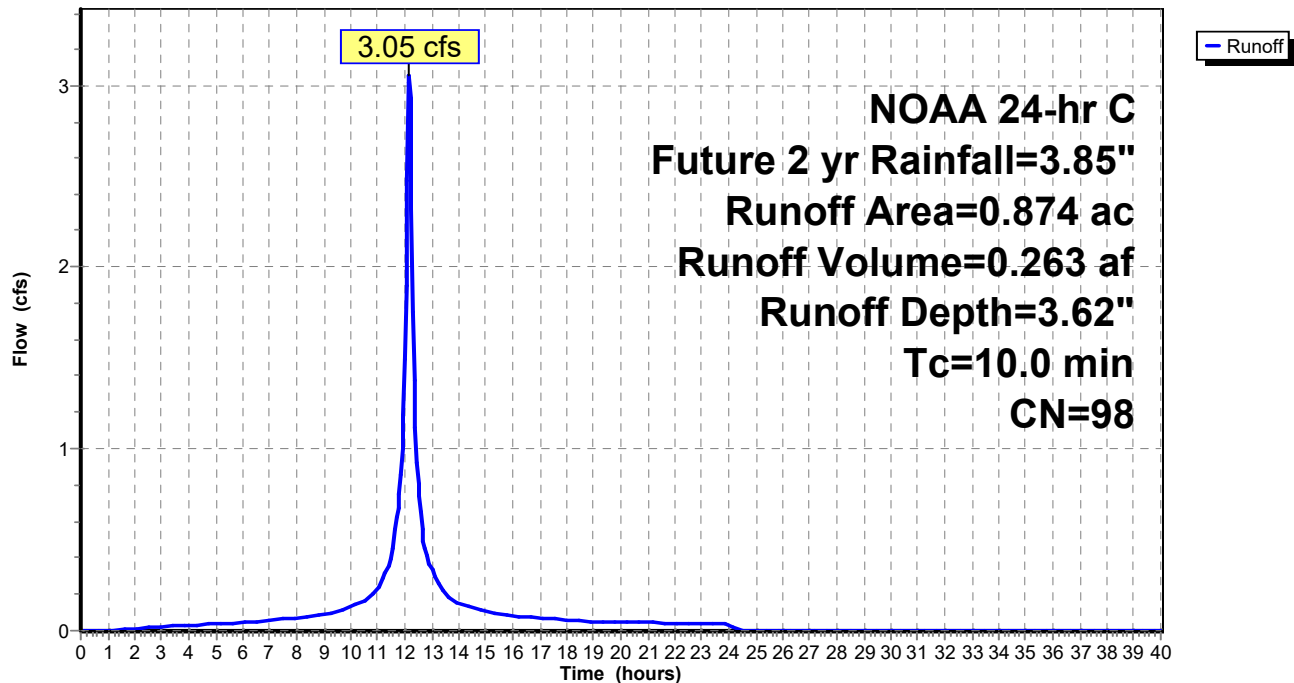
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.11
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.12
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.13
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.14
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.15
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.15	13.00	2.93	2.69	0.34
10.45	0.78	0.58	0.16	13.05	2.94	2.71	0.32
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.31
10.55	0.80	0.60	0.16	13.15	2.97	2.74	0.29
10.60	0.82	0.61	0.17	13.20	2.98	2.75	0.27
10.65	0.83	0.62	0.17	13.25	3.00	2.77	0.26
10.70	0.84	0.64	0.18	13.30	3.01	2.78	0.25
10.75	0.85	0.65	0.19	13.35	3.02	2.79	0.24
10.80	0.87	0.66	0.20	13.40	3.03	2.80	0.23
10.85	0.88	0.67	0.21	13.45	3.05	2.81	0.22
10.90	0.89	0.69	0.22	13.50	3.06	2.82	0.21
10.95	0.91	0.70	0.23	13.55	3.07	2.83	0.20
11.00	0.92	0.72	0.24	13.60	3.08	2.84	0.19
11.05	0.94	0.73	0.25	13.65	3.09	2.85	0.18
11.10	0.96	0.75	0.26	13.70	3.09	2.86	0.18
11.15	0.98	0.77	0.28	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.29	13.80	3.11	2.88	0.17
11.25	1.02	0.81	0.31	13.85	3.12	2.89	0.16
11.30	1.04	0.83	0.33	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.35	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.37	14.00	3.15	2.92	0.16
11.45	1.11	0.90	0.38	14.05	3.16	2.92	0.15
11.50	1.14	0.92	0.40	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.42	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.48	14.20	3.18	2.95	0.15
11.65	1.26	1.04	0.56	14.25	3.19	2.96	0.14
11.70	1.30	1.08	0.62	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.67	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.75	14.40	3.21	2.98	0.14
11.85	1.49	1.27	0.86	14.45	3.22	2.99	0.13
11.90	1.57	1.34	1.00	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.19	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.49	14.60	3.24	3.01	0.13
12.05	2.06	1.83	1.90	14.65	3.25	3.01	0.12
12.10	2.28	2.06	2.47	14.70	3.25	3.02	0.12
12.15	2.36	2.13	3.01	14.75	3.26	3.03	0.12
12.20	2.44	2.21	2.93	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.32	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.75	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.37	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.11	15.00	3.29	3.05	0.11
12.45	2.67	2.44	0.93	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.81	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.74	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.65	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.56	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.49	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.45	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.42	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.40	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.38	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.36	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 2.64 cfs @ 12.18 hrs, Volume= 0.202 af, Depth= 1.49"
 Routed to Pond B-25 : Basin #25

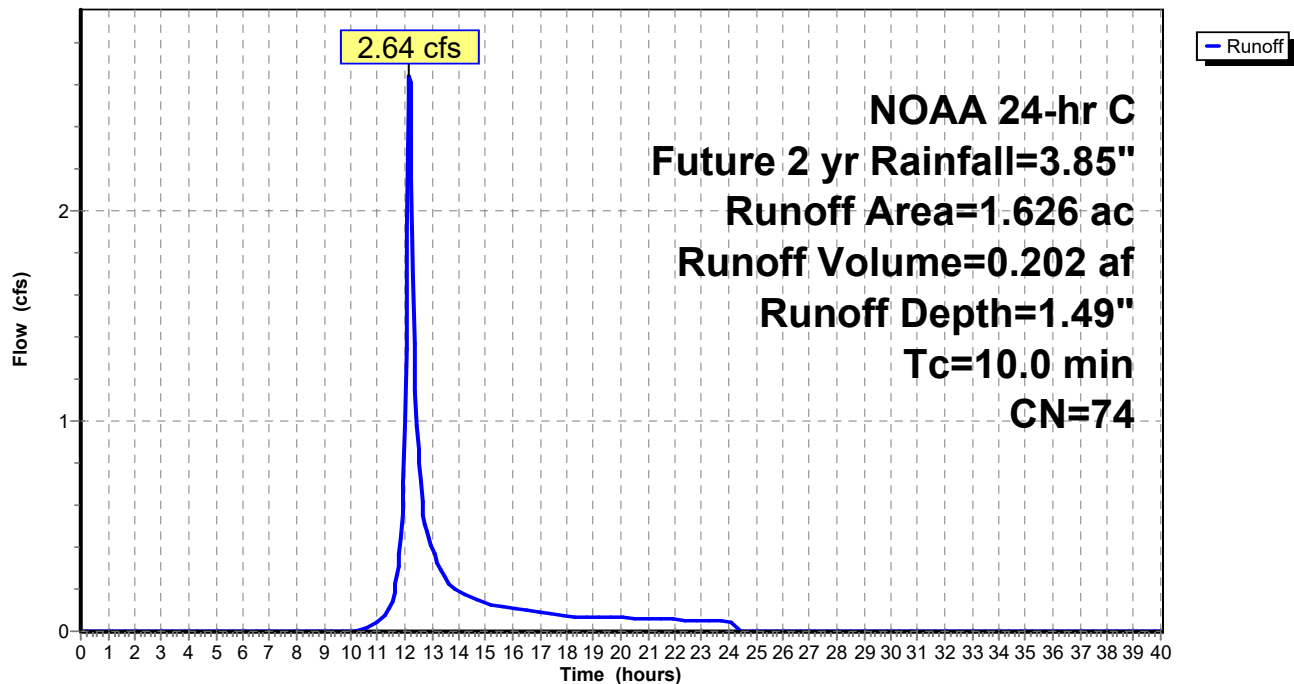
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

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

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.39
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.38
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.36
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.34
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.32
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.31
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.29
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.28
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.27
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.26
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.25
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.24
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.23
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.22
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.20
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.19
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.19
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.15	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.18	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.17
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.37	14.40	3.21	1.04	0.17
11.85	1.49	0.14	0.44	14.45	3.22	1.05	0.16
11.90	1.57	0.17	0.56	14.50	3.23	1.05	0.16
11.95	1.70	0.22	0.71	14.55	3.23	1.06	0.16
12.00	1.83	0.28	0.97	14.60	3.24	1.06	0.15
12.05	2.06	0.38	1.34	14.65	3.25	1.07	0.15
12.10	2.28	0.49	1.91	14.70	3.25	1.07	0.15
12.15	2.36	0.53	2.53	14.75	3.26	1.08	0.15
12.20	2.44	0.57	2.61	14.80	3.26	1.08	0.14
12.25	2.50	0.61	2.16	14.85	3.27	1.08	0.14
12.30	2.55	0.64	1.69	14.90	3.28	1.09	0.14
12.35	2.59	0.66	1.37	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.14	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.97	15.05	3.29	1.10	0.13
12.50	2.71	0.73	0.87	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.80	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.72	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.62	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.55	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.51	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.48	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.46	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.43	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.41	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 3.30 cfs @ 12.17 hrs, Volume= 0.284 af, Depth= 3.62"
 Routed to Pond B-26 : Basin #26

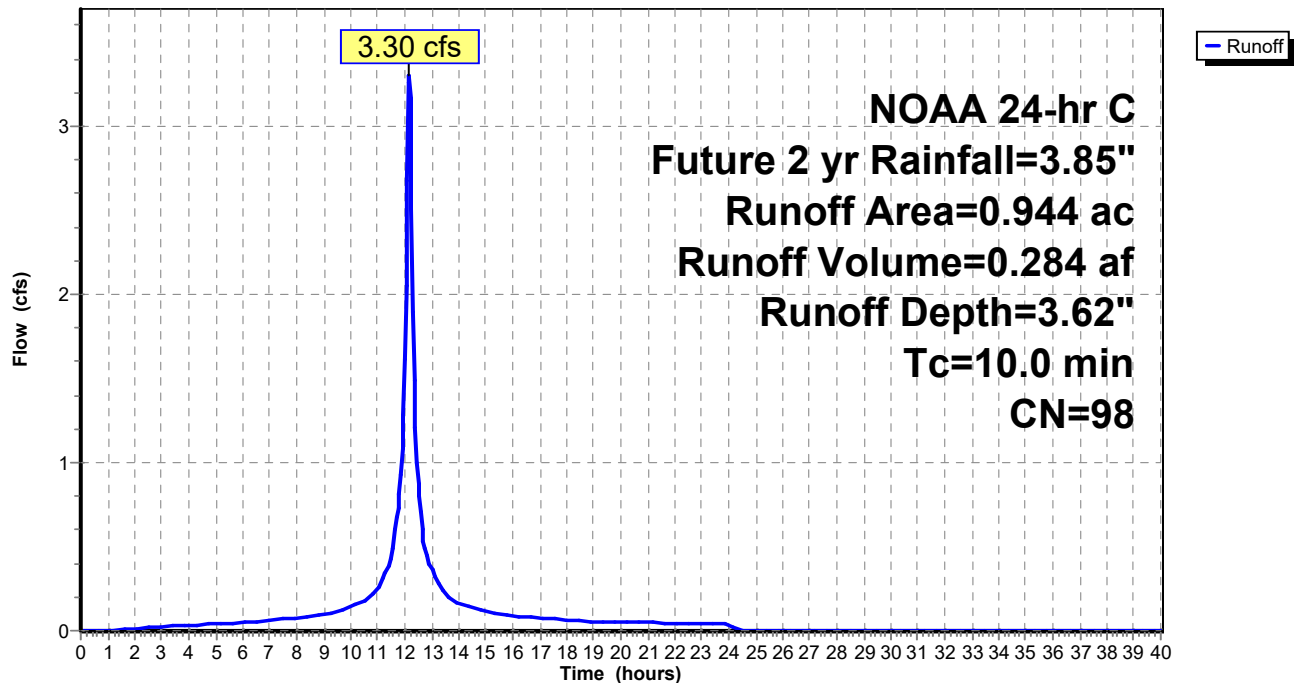
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

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

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.08
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.08
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.08
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.08
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.08
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.05	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.05	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.05	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.05	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.05	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.05	8.55	0.51	0.33	0.09
6.00	0.31	0.15	0.05	8.60	0.52	0.34	0.09
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.09
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.09
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.09
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.10
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.10
6.60	0.35	0.18	0.06	9.20	0.59	0.40	0.10
6.65	0.35	0.19	0.06	9.25	0.59	0.40	0.10
6.70	0.35	0.19	0.06	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.06	9.35	0.60	0.41	0.11
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.11
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.11
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.12
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.12
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.12
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.12
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.13
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.13
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.13
7.25	0.40	0.23	0.07	9.85	0.68	0.48	0.13
7.30	0.40	0.23	0.07	9.90	0.69	0.49	0.14
7.35	0.40	0.23	0.07	9.95	0.69	0.50	0.14
7.40	0.41	0.24	0.07	10.00	0.70	0.51	0.14
7.45	0.41	0.24	0.07	10.05	0.71	0.51	0.15
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.15
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.15
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.15
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.16
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.16
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.16

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.17	13.00	2.93	2.69	0.37
10.45	0.78	0.58	0.17	13.05	2.94	2.71	0.35
10.50	0.79	0.59	0.17	13.10	2.96	2.73	0.33
10.55	0.80	0.60	0.17	13.15	2.97	2.74	0.31
10.60	0.82	0.61	0.18	13.20	2.98	2.75	0.30
10.65	0.83	0.62	0.19	13.25	3.00	2.77	0.28
10.70	0.84	0.64	0.20	13.30	3.01	2.78	0.27
10.75	0.85	0.65	0.21	13.35	3.02	2.79	0.26
10.80	0.87	0.66	0.22	13.40	3.03	2.80	0.25
10.85	0.88	0.67	0.23	13.45	3.05	2.81	0.24
10.90	0.89	0.69	0.24	13.50	3.06	2.82	0.23
10.95	0.91	0.70	0.25	13.55	3.07	2.83	0.22
11.00	0.92	0.72	0.26	13.60	3.08	2.84	0.21
11.05	0.94	0.73	0.27	13.65	3.09	2.85	0.20
11.10	0.96	0.75	0.28	13.70	3.09	2.86	0.19
11.15	0.98	0.77	0.30	13.75	3.10	2.87	0.18
11.20	1.00	0.79	0.32	13.80	3.11	2.88	0.18
11.25	1.02	0.81	0.34	13.85	3.12	2.89	0.18
11.30	1.04	0.83	0.36	13.90	3.13	2.90	0.17
11.35	1.06	0.85	0.38	13.95	3.14	2.91	0.17
11.40	1.09	0.88	0.39	14.00	3.15	2.92	0.17
11.45	1.11	0.90	0.41	14.05	3.16	2.92	0.17
11.50	1.14	0.92	0.43	14.10	3.16	2.93	0.16
11.55	1.18	0.96	0.46	14.15	3.17	2.94	0.16
11.60	1.22	1.00	0.52	14.20	3.18	2.95	0.16
11.65	1.26	1.04	0.60	14.25	3.19	2.96	0.15
11.70	1.30	1.08	0.67	14.30	3.20	2.96	0.15
11.75	1.35	1.14	0.73	14.35	3.20	2.97	0.15
11.80	1.41	1.19	0.81	14.40	3.21	2.98	0.15
11.85	1.49	1.27	0.92	14.45	3.22	2.99	0.14
11.90	1.57	1.34	1.08	14.50	3.23	2.99	0.14
11.95	1.70	1.48	1.28	14.55	3.23	3.00	0.14
12.00	1.83	1.61	1.61	14.60	3.24	3.01	0.14
12.05	2.06	1.83	2.05	14.65	3.25	3.01	0.13
12.10	2.28	2.06	2.67	14.70	3.25	3.02	0.13
12.15	2.36	2.13	3.25	14.75	3.26	3.03	0.13
12.20	2.44	2.21	3.16	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.51	14.85	3.27	3.04	0.12
12.30	2.55	2.32	1.89	14.90	3.28	3.04	0.12
12.35	2.59	2.36	1.48	14.95	3.28	3.05	0.12
12.40	2.63	2.40	1.20	15.00	3.29	3.05	0.11
12.45	2.67	2.44	1.00	15.05	3.29	3.06	0.11
12.50	2.71	2.48	0.88	15.10	3.30	3.07	0.11
12.55	2.74	2.51	0.80	15.15	3.30	3.07	0.11
12.60	2.76	2.53	0.71	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.61	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.53	15.30	3.32	3.09	0.10
12.75	2.83	2.60	0.49	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.46	15.40	3.33	3.10	0.10
12.85	2.87	2.64	0.43	15.45	3.34	3.10	0.10
12.90	2.89	2.66	0.41	15.50	3.34	3.11	0.10
12.95	2.91	2.68	0.39	15.55	3.35	3.11	0.10

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.10	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.10	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.10	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.06
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.06
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.06
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.06
16.10	3.40	3.16	0.09	18.70	3.59	3.35	0.06
16.15	3.40	3.17	0.09	18.75	3.59	3.36	0.06
16.20	3.41	3.17	0.09	18.80	3.59	3.36	0.06
16.25	3.41	3.18	0.09	18.85	3.60	3.36	0.06
16.30	3.42	3.18	0.09	18.90	3.60	3.37	0.06
16.35	3.42	3.19	0.09	18.95	3.60	3.37	0.06
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.06
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.06
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.06
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.06
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.06
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.06
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.08	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.08	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.08	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.08	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.08	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.07	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.07	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.07	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.07	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.07	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.05	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.05	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.05	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.05	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.05	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.05	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.05	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 2.31 cfs @ 12.18 hrs, Volume= 0.176 af, Depth= 1.49"
 Routed to Pond B-26 : Basin #26

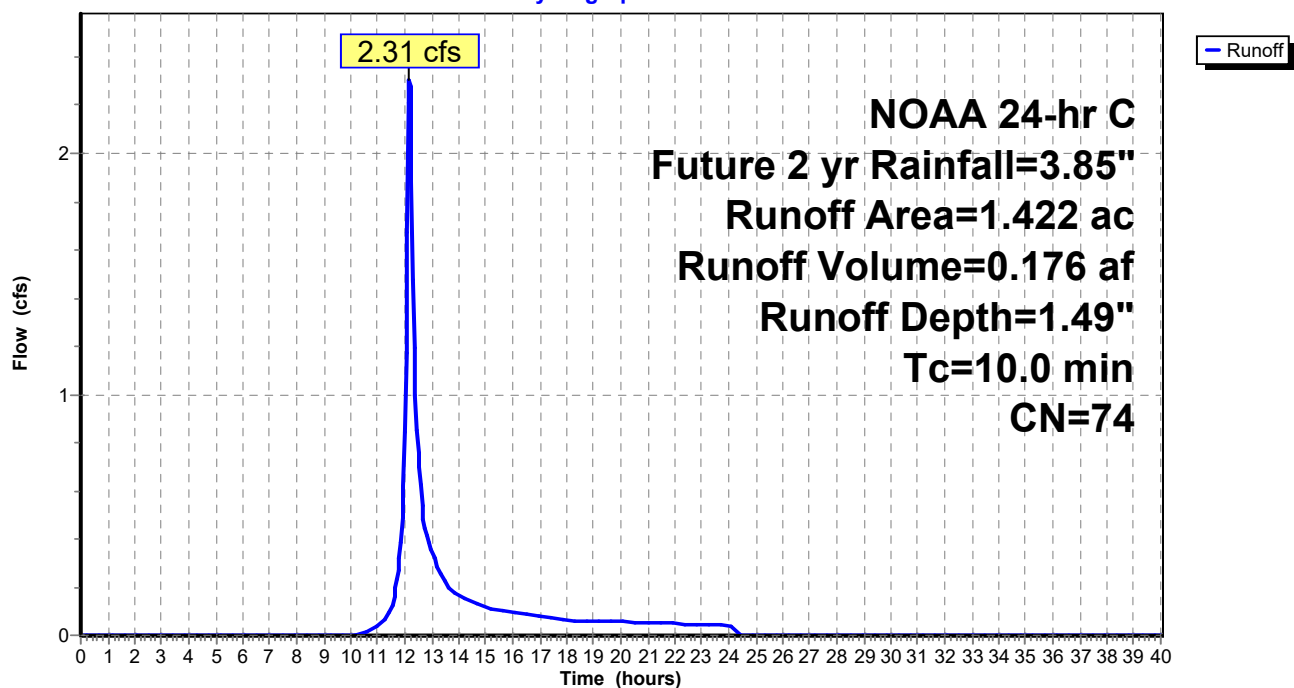
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

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

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.34
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.33
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.31
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.29
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.28
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.27
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.26
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.25
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.24
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.23
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.22
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.21
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.20
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.19
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.18
11.15	0.98	0.02	0.05	13.75	3.10	0.97	0.18
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.18
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.17
11.30	1.04	0.03	0.08	13.90	3.13	0.99	0.17
11.35	1.06	0.03	0.09	13.95	3.14	1.00	0.17
11.40	1.09	0.04	0.10	14.00	3.15	1.00	0.17
11.45	1.11	0.04	0.11	14.05	3.16	1.01	0.16
11.50	1.14	0.05	0.12	14.10	3.16	1.01	0.16
11.55	1.18	0.06	0.13	14.15	3.17	1.02	0.16
11.60	1.22	0.07	0.16	14.20	3.18	1.02	0.16
11.65	1.26	0.08	0.20	14.25	3.19	1.03	0.15
11.70	1.30	0.09	0.24	14.30	3.20	1.03	0.15
11.75	1.35	0.10	0.27	14.35	3.20	1.04	0.15
11.80	1.41	0.12	0.32	14.40	3.21	1.04	0.15
11.85	1.49	0.14	0.39	14.45	3.22	1.05	0.14
11.90	1.57	0.17	0.49	14.50	3.23	1.05	0.14
11.95	1.70	0.22	0.62	14.55	3.23	1.06	0.14
12.00	1.83	0.28	0.84	14.60	3.24	1.06	0.14
12.05	2.06	0.38	1.17	14.65	3.25	1.07	0.13
12.10	2.28	0.49	1.67	14.70	3.25	1.07	0.13
12.15	2.36	0.53	2.21	14.75	3.26	1.08	0.13
12.20	2.44	0.57	2.28	14.80	3.26	1.08	0.12
12.25	2.50	0.61	1.89	14.85	3.27	1.08	0.12
12.30	2.55	0.64	1.47	14.90	3.28	1.09	0.12
12.35	2.59	0.66	1.20	14.95	3.28	1.09	0.12
12.40	2.63	0.69	1.00	15.00	3.29	1.10	0.11
12.45	2.67	0.71	0.85	15.05	3.29	1.10	0.11
12.50	2.71	0.73	0.76	15.10	3.30	1.10	0.11
12.55	2.74	0.75	0.70	15.15	3.30	1.11	0.11
12.60	2.76	0.76	0.63	15.20	3.31	1.11	0.10
12.65	2.79	0.78	0.54	15.25	3.31	1.11	0.10
12.70	2.81	0.79	0.48	15.30	3.32	1.12	0.10
12.75	2.83	0.80	0.44	15.35	3.32	1.12	0.10
12.80	2.85	0.82	0.42	15.40	3.33	1.12	0.10
12.85	2.87	0.83	0.40	15.45	3.34	1.13	0.10
12.90	2.89	0.84	0.38	15.50	3.34	1.13	0.10
12.95	2.91	0.85	0.36	15.55	3.35	1.13	0.10

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.10	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.10	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.10	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.10	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.10	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.09	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.09	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.09	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.09	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.09	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.09	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.09	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.09	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.09	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.09	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.09	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.09	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.09	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.09	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.09	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.08	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.08	19.25	3.62	1.32	0.06
16.70	3.45	1.21	0.08	19.30	3.62	1.33	0.06
16.75	3.45	1.21	0.08	19.35	3.63	1.33	0.06
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.06
16.85	3.46	1.21	0.08	19.45	3.63	1.33	0.06
16.90	3.47	1.22	0.08	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.08	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.08	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.08	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.08	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.08	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.08	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.08	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.07	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.07	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.07	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.07	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.07	20.20	3.67	1.36	0.05
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.05
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.05
17.75	3.53	1.26	0.07	20.35	3.68	1.37	0.05
17.80	3.53	1.26	0.07	20.40	3.68	1.37	0.05
17.85	3.54	1.26	0.07	20.45	3.69	1.37	0.05
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.05
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.05
18.00	3.54	1.27	0.06	20.60	3.69	1.38	0.05
18.05	3.55	1.27	0.06	20.65	3.70	1.38	0.05
18.10	3.55	1.28	0.06	20.70	3.70	1.38	0.05
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.04
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.04
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.04	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.04	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.04	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.04	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.04	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.04	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.04	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.04	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 3.14 cfs @ 12.17 hrs, Volume= 0.271 af, Depth= 3.62"
 Routed to Pond B-27 : Basin #27

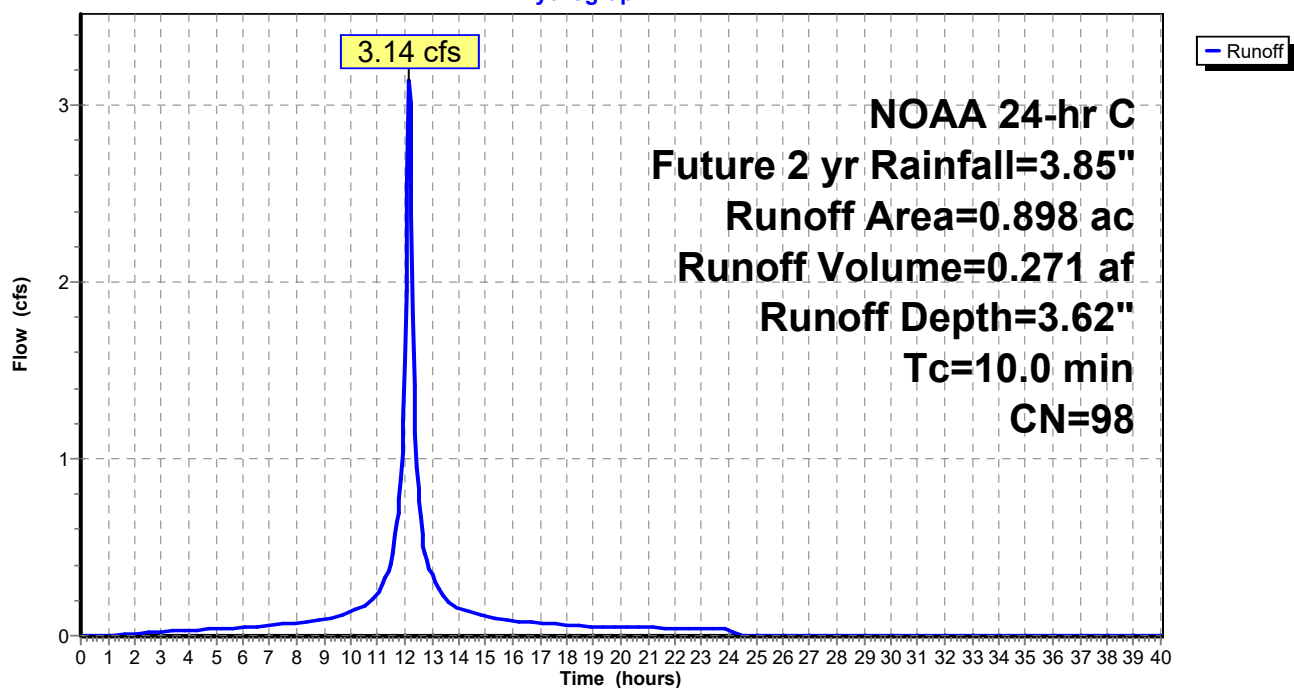
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.07
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.08
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.08
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.09
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.09
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.09
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.10
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.10
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.10
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.11
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.11
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.11
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.12
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.12
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.12
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.12
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.13
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.13
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.13
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.13
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.14
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.14
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.14
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.14
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.15
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.15
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.15
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.15

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.16	13.00	2.93	2.69	0.35
10.45	0.78	0.58	0.16	13.05	2.94	2.71	0.33
10.50	0.79	0.59	0.16	13.10	2.96	2.73	0.31
10.55	0.80	0.60	0.17	13.15	2.97	2.74	0.30
10.60	0.82	0.61	0.17	13.20	2.98	2.75	0.28
10.65	0.83	0.62	0.18	13.25	3.00	2.77	0.27
10.70	0.84	0.64	0.19	13.30	3.01	2.78	0.26
10.75	0.85	0.65	0.20	13.35	3.02	2.79	0.25
10.80	0.87	0.66	0.21	13.40	3.03	2.80	0.24
10.85	0.88	0.67	0.22	13.45	3.05	2.81	0.23
10.90	0.89	0.69	0.23	13.50	3.06	2.82	0.22
10.95	0.91	0.70	0.24	13.55	3.07	2.83	0.21
11.00	0.92	0.72	0.25	13.60	3.08	2.84	0.20
11.05	0.94	0.73	0.26	13.65	3.09	2.85	0.19
11.10	0.96	0.75	0.27	13.70	3.09	2.86	0.18
11.15	0.98	0.77	0.29	13.75	3.10	2.87	0.18
11.20	1.00	0.79	0.30	13.80	3.11	2.88	0.17
11.25	1.02	0.81	0.32	13.85	3.12	2.89	0.17
11.30	1.04	0.83	0.34	13.90	3.13	2.90	0.17
11.35	1.06	0.85	0.36	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.38	14.00	3.15	2.92	0.16
11.45	1.11	0.90	0.39	14.05	3.16	2.92	0.16
11.50	1.14	0.92	0.41	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.43	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.49	14.20	3.18	2.95	0.15
11.65	1.26	1.04	0.58	14.25	3.19	2.96	0.15
11.70	1.30	1.08	0.64	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.69	14.35	3.20	2.97	0.14
11.80	1.41	1.19	0.77	14.40	3.21	2.98	0.14
11.85	1.49	1.27	0.88	14.45	3.22	2.99	0.14
11.90	1.57	1.34	1.03	14.50	3.23	2.99	0.13
11.95	1.70	1.48	1.22	14.55	3.23	3.00	0.13
12.00	1.83	1.61	1.53	14.60	3.24	3.01	0.13
12.05	2.06	1.83	1.95	14.65	3.25	3.01	0.13
12.10	2.28	2.06	2.54	14.70	3.25	3.02	0.12
12.15	2.36	2.13	3.09	14.75	3.26	3.03	0.12
12.20	2.44	2.21	3.01	14.80	3.26	3.03	0.12
12.25	2.50	2.27	2.38	14.85	3.27	3.04	0.12
12.30	2.55	2.32	1.80	14.90	3.28	3.04	0.11
12.35	2.59	2.36	1.41	14.95	3.28	3.05	0.11
12.40	2.63	2.40	1.14	15.00	3.29	3.05	0.11
12.45	2.67	2.44	0.95	15.05	3.29	3.06	0.11
12.50	2.71	2.48	0.83	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.76	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.67	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.58	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.51	15.30	3.32	3.09	0.10
12.75	2.83	2.60	0.46	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.43	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.41	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.39	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.37	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.07	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 2.74 cfs @ 12.17 hrs, Volume= 0.208 af, Depth= 2.41"
 Routed to Pond B-27 : Basin #27

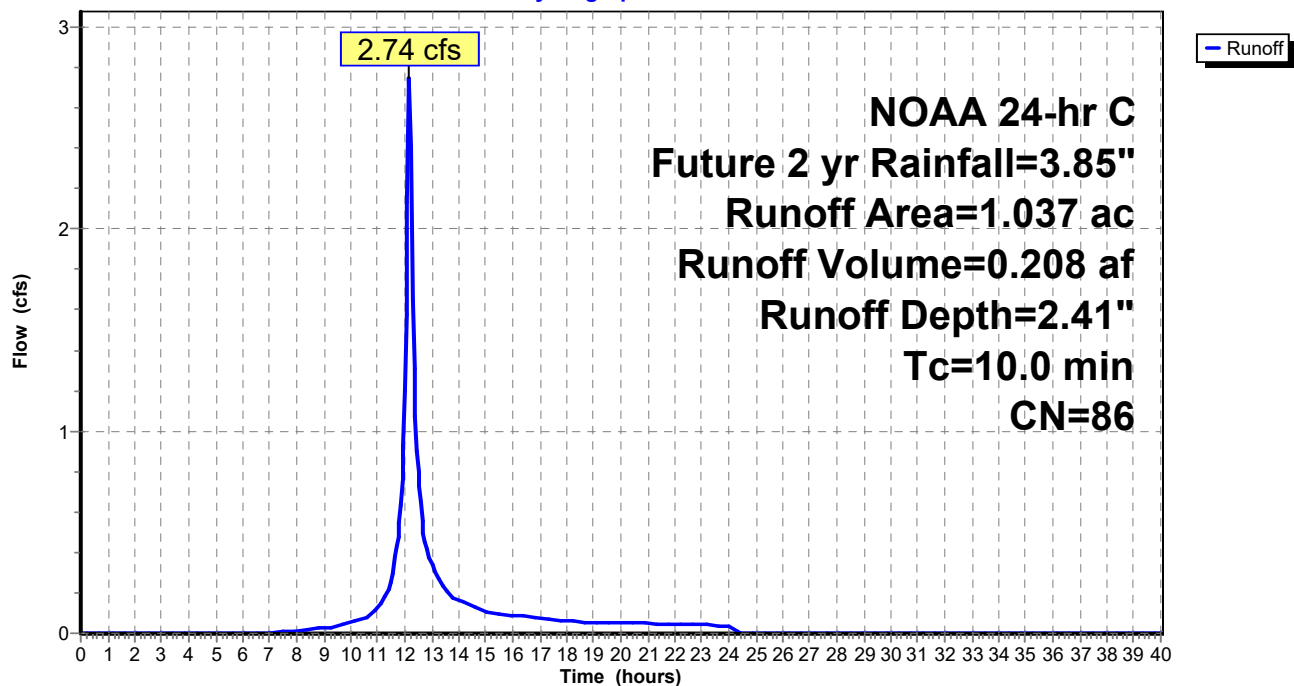
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

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

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.01	0.01
5.25	0.26	0.00	0.00	7.85	0.45	0.01	0.01
5.30	0.26	0.00	0.00	7.90	0.45	0.01	0.01
5.35	0.27	0.00	0.00	7.95	0.46	0.01	0.01
5.40	0.27	0.00	0.00	8.00	0.46	0.01	0.01
5.45	0.27	0.00	0.00	8.05	0.47	0.01	0.01
5.50	0.27	0.00	0.00	8.10	0.47	0.01	0.01
5.55	0.28	0.00	0.00	8.15	0.48	0.01	0.01
5.60	0.28	0.00	0.00	8.20	0.48	0.01	0.01
5.65	0.28	0.00	0.00	8.25	0.49	0.01	0.02
5.70	0.29	0.00	0.00	8.30	0.49	0.02	0.02
5.75	0.29	0.00	0.00	8.35	0.49	0.02	0.02
5.80	0.29	0.00	0.00	8.40	0.50	0.02	0.02
5.85	0.30	0.00	0.00	8.45	0.50	0.02	0.02
5.90	0.30	0.00	0.00	8.50	0.51	0.02	0.02
5.95	0.30	0.00	0.00	8.55	0.51	0.02	0.02
6.00	0.31	0.00	0.00	8.60	0.52	0.02	0.02
6.05	0.31	0.00	0.00	8.65	0.53	0.02	0.02
6.10	0.31	0.00	0.00	8.70	0.53	0.02	0.02
6.15	0.31	0.00	0.00	8.75	0.54	0.02	0.02
6.20	0.32	0.00	0.00	8.80	0.54	0.03	0.02
6.25	0.32	0.00	0.00	8.85	0.55	0.03	0.02
6.30	0.32	0.00	0.00	8.90	0.55	0.03	0.02
6.35	0.33	0.00	0.00	8.95	0.56	0.03	0.02
6.40	0.33	0.00	0.00	9.00	0.56	0.03	0.02
6.45	0.33	0.00	0.00	9.05	0.57	0.03	0.03
6.50	0.34	0.00	0.00	9.10	0.57	0.03	0.03
6.55	0.34	0.00	0.00	9.15	0.58	0.03	0.03
6.60	0.35	0.00	0.00	9.20	0.59	0.04	0.03
6.65	0.35	0.00	0.00	9.25	0.59	0.04	0.03
6.70	0.35	0.00	0.00	9.30	0.60	0.04	0.03
6.75	0.36	0.00	0.00	9.35	0.60	0.04	0.03
6.80	0.36	0.00	0.00	9.40	0.61	0.04	0.03
6.85	0.36	0.00	0.00	9.45	0.62	0.04	0.04
6.90	0.37	0.00	0.00	9.50	0.62	0.05	0.04
6.95	0.37	0.00	0.00	9.55	0.63	0.05	0.04
7.00	0.38	0.00	0.00	9.60	0.64	0.05	0.04
7.05	0.38	0.00	0.00	9.65	0.65	0.05	0.04
7.10	0.38	0.00	0.00	9.70	0.65	0.06	0.04
7.15	0.39	0.00	0.00	9.75	0.66	0.06	0.05
7.20	0.39	0.00	0.01	9.80	0.67	0.06	0.05
7.25	0.40	0.00	0.01	9.85	0.68	0.06	0.05
7.30	0.40	0.00	0.01	9.90	0.69	0.07	0.05
7.35	0.40	0.00	0.01	9.95	0.69	0.07	0.05
7.40	0.41	0.00	0.01	10.00	0.70	0.07	0.05
7.45	0.41	0.00	0.01	10.05	0.71	0.07	0.06
7.50	0.42	0.00	0.01	10.10	0.72	0.08	0.06
7.55	0.42	0.01	0.01	10.15	0.73	0.08	0.06
7.60	0.43	0.01	0.01	10.20	0.74	0.08	0.06
7.65	0.43	0.01	0.01	10.25	0.75	0.09	0.06
7.70	0.43	0.01	0.01	10.30	0.76	0.09	0.07
7.75	0.44	0.01	0.01	10.35	0.76	0.09	0.07

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.10	0.07	13.00	2.93	1.60	0.35
10.45	0.78	0.10	0.07	13.05	2.94	1.61	0.33
10.50	0.79	0.10	0.07	13.10	2.96	1.63	0.31
10.55	0.80	0.11	0.08	13.15	2.97	1.64	0.29
10.60	0.82	0.11	0.08	13.20	2.98	1.65	0.28
10.65	0.83	0.12	0.09	13.25	3.00	1.66	0.27
10.70	0.84	0.12	0.09	13.30	3.01	1.67	0.25
10.75	0.85	0.13	0.10	13.35	3.02	1.68	0.24
10.80	0.87	0.13	0.10	13.40	3.03	1.69	0.23
10.85	0.88	0.14	0.11	13.45	3.05	1.70	0.23
10.90	0.89	0.15	0.12	13.50	3.06	1.71	0.22
10.95	0.91	0.15	0.12	13.55	3.07	1.72	0.21
11.00	0.92	0.16	0.13	13.60	3.08	1.73	0.20
11.05	0.94	0.17	0.14	13.65	3.09	1.74	0.19
11.10	0.96	0.18	0.15	13.70	3.09	1.74	0.18
11.15	0.98	0.19	0.16	13.75	3.10	1.75	0.17
11.20	1.00	0.20	0.17	13.80	3.11	1.76	0.17
11.25	1.02	0.21	0.18	13.85	3.12	1.77	0.17
11.30	1.04	0.22	0.20	13.90	3.13	1.78	0.17
11.35	1.06	0.23	0.21	13.95	3.14	1.78	0.16
11.40	1.09	0.24	0.23	14.00	3.15	1.79	0.16
11.45	1.11	0.26	0.24	14.05	3.16	1.80	0.16
11.50	1.14	0.27	0.26	14.10	3.16	1.80	0.16
11.55	1.18	0.29	0.28	14.15	3.17	1.81	0.15
11.60	1.22	0.31	0.32	14.20	3.18	1.82	0.15
11.65	1.26	0.34	0.38	14.25	3.19	1.82	0.15
11.70	1.30	0.36	0.43	14.30	3.20	1.83	0.15
11.75	1.35	0.40	0.48	14.35	3.20	1.84	0.14
11.80	1.41	0.43	0.54	14.40	3.21	1.84	0.14
11.85	1.49	0.48	0.63	14.45	3.22	1.85	0.14
11.90	1.57	0.54	0.76	14.50	3.23	1.86	0.14
11.95	1.70	0.63	0.93	14.55	3.23	1.86	0.13
12.00	1.83	0.73	1.20	14.60	3.24	1.87	0.13
12.05	2.06	0.89	1.58	14.65	3.25	1.87	0.13
12.10	2.28	1.07	2.13	14.70	3.25	1.88	0.12
12.15	2.36	1.13	2.68	14.75	3.26	1.89	0.12
12.20	2.44	1.19	2.67	14.80	3.26	1.89	0.12
12.25	2.50	1.24	2.15	14.85	3.27	1.90	0.12
12.30	2.55	1.29	1.65	14.90	3.28	1.90	0.11
12.35	2.59	1.32	1.31	14.95	3.28	1.91	0.11
12.40	2.63	1.35	1.07	15.00	3.29	1.91	0.11
12.45	2.67	1.39	0.90	15.05	3.29	1.92	0.11
12.50	2.71	1.42	0.79	15.10	3.30	1.92	0.10
12.55	2.74	1.44	0.73	15.15	3.30	1.93	0.10
12.60	2.76	1.46	0.65	15.20	3.31	1.93	0.10
12.65	2.79	1.48	0.56	15.25	3.31	1.93	0.10
12.70	2.81	1.50	0.49	15.30	3.32	1.94	0.10
12.75	2.83	1.52	0.45	15.35	3.32	1.94	0.10
12.80	2.85	1.54	0.42	15.40	3.33	1.95	0.10
12.85	2.87	1.55	0.40	15.45	3.34	1.95	0.10
12.90	2.89	1.57	0.38	15.50	3.34	1.96	0.09
12.95	2.91	1.58	0.36	15.55	3.35	1.96	0.09

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.97	0.09	18.20	3.56	2.15	0.06
15.65	3.36	1.97	0.09	18.25	3.56	2.15	0.06
15.70	3.36	1.97	0.09	18.30	3.56	2.15	0.06
15.75	3.36	1.98	0.09	18.35	3.57	2.16	0.06
15.80	3.37	1.98	0.09	18.40	3.57	2.16	0.06
15.85	3.37	1.99	0.09	18.45	3.57	2.16	0.06
15.90	3.38	1.99	0.09	18.50	3.58	2.17	0.06
15.95	3.38	2.00	0.09	18.55	3.58	2.17	0.06
16.00	3.39	2.00	0.09	18.60	3.58	2.17	0.06
16.05	3.39	2.00	0.09	18.65	3.58	2.17	0.06
16.10	3.40	2.01	0.09	18.70	3.59	2.18	0.06
16.15	3.40	2.01	0.09	18.75	3.59	2.18	0.06
16.20	3.41	2.02	0.09	18.80	3.59	2.18	0.06
16.25	3.41	2.02	0.08	18.85	3.60	2.18	0.06
16.30	3.42	2.02	0.08	18.90	3.60	2.19	0.06
16.35	3.42	2.03	0.08	18.95	3.60	2.19	0.05
16.40	3.42	2.03	0.08	19.00	3.61	2.19	0.05
16.45	3.43	2.04	0.08	19.05	3.61	2.19	0.05
16.50	3.43	2.04	0.08	19.10	3.61	2.20	0.05
16.55	3.44	2.04	0.08	19.15	3.61	2.20	0.05
16.60	3.44	2.05	0.08	19.20	3.62	2.20	0.05
16.65	3.45	2.05	0.08	19.25	3.62	2.20	0.05
16.70	3.45	2.05	0.08	19.30	3.62	2.21	0.05
16.75	3.45	2.06	0.08	19.35	3.63	2.21	0.05
16.80	3.46	2.06	0.08	19.40	3.63	2.21	0.05
16.85	3.46	2.07	0.08	19.45	3.63	2.21	0.05
16.90	3.47	2.07	0.08	19.50	3.63	2.22	0.05
16.95	3.47	2.07	0.07	19.55	3.64	2.22	0.05
17.00	3.47	2.08	0.07	19.60	3.64	2.22	0.05
17.05	3.48	2.08	0.07	19.65	3.64	2.22	0.05
17.10	3.48	2.08	0.07	19.70	3.65	2.23	0.05
17.15	3.49	2.09	0.07	19.75	3.65	2.23	0.05
17.20	3.49	2.09	0.07	19.80	3.65	2.23	0.05
17.25	3.49	2.09	0.07	19.85	3.65	2.23	0.05
17.30	3.50	2.10	0.07	19.90	3.66	2.24	0.05
17.35	3.50	2.10	0.07	19.95	3.66	2.24	0.05
17.40	3.50	2.10	0.07	20.00	3.66	2.24	0.05
17.45	3.51	2.11	0.07	20.05	3.66	2.24	0.05
17.50	3.51	2.11	0.07	20.10	3.67	2.25	0.05
17.55	3.52	2.11	0.07	20.15	3.67	2.25	0.05
17.60	3.52	2.11	0.07	20.20	3.67	2.25	0.05
17.65	3.52	2.12	0.07	20.25	3.68	2.25	0.05
17.70	3.53	2.12	0.06	20.30	3.68	2.26	0.05
17.75	3.53	2.12	0.06	20.35	3.68	2.26	0.05
17.80	3.53	2.13	0.06	20.40	3.68	2.26	0.05
17.85	3.54	2.13	0.06	20.45	3.69	2.26	0.05
17.90	3.54	2.13	0.06	20.50	3.69	2.27	0.05
17.95	3.54	2.14	0.06	20.55	3.69	2.27	0.05
18.00	3.54	2.14	0.06	20.60	3.69	2.27	0.05
18.05	3.55	2.14	0.06	20.65	3.70	2.27	0.05
18.10	3.55	2.14	0.06	20.70	3.70	2.28	0.05
18.15	3.55	2.15	0.06	20.75	3.70	2.28	0.05

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	2.28	0.05	23.40	3.82	2.39	0.04
20.85	3.71	2.28	0.05	23.45	3.83	2.39	0.04
20.90	3.71	2.28	0.05	23.50	3.83	2.39	0.04
20.95	3.71	2.29	0.05	23.55	3.83	2.39	0.04
21.00	3.71	2.29	0.05	23.60	3.83	2.40	0.04
21.05	3.72	2.29	0.05	23.65	3.84	2.40	0.04
21.10	3.72	2.29	0.05	23.70	3.84	2.40	0.04
21.15	3.72	2.30	0.05	23.75	3.84	2.40	0.04
21.20	3.72	2.30	0.05	23.80	3.84	2.40	0.04
21.25	3.73	2.30	0.05	23.85	3.84	2.40	0.04
21.30	3.73	2.30	0.05	23.90	3.85	2.41	0.04
21.35	3.73	2.30	0.05	23.95	3.85	2.41	0.04
21.40	3.73	2.31	0.05	24.00	3.85	2.41	0.04
21.45	3.74	2.31	0.05	24.05	3.85	2.41	0.04
21.50	3.74	2.31	0.05	24.10	3.85	2.41	0.03
21.55	3.74	2.31	0.05	24.15	3.85	2.41	0.02
21.60	3.74	2.32	0.05	24.20	3.85	2.41	0.01
21.65	3.75	2.32	0.05	24.25	3.85	2.41	0.00
21.70	3.75	2.32	0.05	24.30	3.85	2.41	0.00
21.75	3.75	2.32	0.05	24.35	3.85	2.41	0.00
21.80	3.75	2.32	0.05	24.40	3.85	2.41	0.00
21.85	3.76	2.33	0.05	24.45	3.85	2.41	0.00
21.90	3.76	2.33	0.04	24.50	3.85	2.41	0.00
21.95	3.76	2.33	0.04	24.55	3.85	2.41	0.00
22.00	3.76	2.33	0.04	24.60	3.85	2.41	0.00
22.05	3.77	2.33	0.04	24.65	3.85	2.41	0.00
22.10	3.77	2.34	0.04	24.70	3.85	2.41	0.00
22.15	3.77	2.34	0.04	24.75	3.85	2.41	0.00
22.20	3.77	2.34	0.04	24.80	3.85	2.41	0.00
22.25	3.77	2.34	0.04	24.85	3.85	2.41	0.00
22.30	3.78	2.35	0.04	24.90	3.85	2.41	0.00
22.35	3.78	2.35	0.04	24.95	3.85	2.41	0.00
22.40	3.78	2.35	0.04	25.00	3.85	2.41	0.00
22.45	3.78	2.35	0.04	25.05	3.85	2.41	0.00
22.50	3.79	2.35	0.04	25.10	3.85	2.41	0.00
22.55	3.79	2.36	0.04	25.15	3.85	2.41	0.00
22.60	3.79	2.36	0.04	25.20	3.85	2.41	0.00
22.65	3.79	2.36	0.04	25.25	3.85	2.41	0.00
22.70	3.79	2.36	0.04	25.30	3.85	2.41	0.00
22.75	3.80	2.36	0.04	25.35	3.85	2.41	0.00
22.80	3.80	2.37	0.04	25.40	3.85	2.41	0.00
22.85	3.80	2.37	0.04	25.45	3.85	2.41	0.00
22.90	3.80	2.37	0.04	25.50	3.85	2.41	0.00
22.95	3.81	2.37	0.04	25.55	3.85	2.41	0.00
23.00	3.81	2.37	0.04	25.60	3.85	2.41	0.00
23.05	3.81	2.37	0.04	25.65	3.85	2.41	0.00
23.10	3.81	2.38	0.04	25.70	3.85	2.41	0.00
23.15	3.81	2.38	0.04	25.75	3.85	2.41	0.00
23.20	3.82	2.38	0.04	25.80	3.85	2.41	0.00
23.25	3.82	2.38	0.04	25.85	3.85	2.41	0.00
23.30	3.82	2.38	0.04	25.90	3.85	2.41	0.00
23.35	3.82	2.39	0.04	25.95	3.85	2.41	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	2.41	0.00	28.60	3.85	2.41	0.00
26.05	3.85	2.41	0.00	28.65	3.85	2.41	0.00
26.10	3.85	2.41	0.00	28.70	3.85	2.41	0.00
26.15	3.85	2.41	0.00	28.75	3.85	2.41	0.00
26.20	3.85	2.41	0.00	28.80	3.85	2.41	0.00
26.25	3.85	2.41	0.00	28.85	3.85	2.41	0.00
26.30	3.85	2.41	0.00	28.90	3.85	2.41	0.00
26.35	3.85	2.41	0.00	28.95	3.85	2.41	0.00
26.40	3.85	2.41	0.00	29.00	3.85	2.41	0.00
26.45	3.85	2.41	0.00	29.05	3.85	2.41	0.00
26.50	3.85	2.41	0.00	29.10	3.85	2.41	0.00
26.55	3.85	2.41	0.00	29.15	3.85	2.41	0.00
26.60	3.85	2.41	0.00	29.20	3.85	2.41	0.00
26.65	3.85	2.41	0.00	29.25	3.85	2.41	0.00
26.70	3.85	2.41	0.00	29.30	3.85	2.41	0.00
26.75	3.85	2.41	0.00	29.35	3.85	2.41	0.00
26.80	3.85	2.41	0.00	29.40	3.85	2.41	0.00
26.85	3.85	2.41	0.00	29.45	3.85	2.41	0.00
26.90	3.85	2.41	0.00	29.50	3.85	2.41	0.00
26.95	3.85	2.41	0.00	29.55	3.85	2.41	0.00
27.00	3.85	2.41	0.00	29.60	3.85	2.41	0.00
27.05	3.85	2.41	0.00	29.65	3.85	2.41	0.00
27.10	3.85	2.41	0.00	29.70	3.85	2.41	0.00
27.15	3.85	2.41	0.00	29.75	3.85	2.41	0.00
27.20	3.85	2.41	0.00	29.80	3.85	2.41	0.00
27.25	3.85	2.41	0.00	29.85	3.85	2.41	0.00
27.30	3.85	2.41	0.00	29.90	3.85	2.41	0.00
27.35	3.85	2.41	0.00	29.95	3.85	2.41	0.00
27.40	3.85	2.41	0.00	30.00	3.85	2.41	0.00
27.45	3.85	2.41	0.00	30.05	3.85	2.41	0.00
27.50	3.85	2.41	0.00	30.10	3.85	2.41	0.00
27.55	3.85	2.41	0.00	30.15	3.85	2.41	0.00
27.60	3.85	2.41	0.00	30.20	3.85	2.41	0.00
27.65	3.85	2.41	0.00	30.25	3.85	2.41	0.00
27.70	3.85	2.41	0.00	30.30	3.85	2.41	0.00
27.75	3.85	2.41	0.00	30.35	3.85	2.41	0.00
27.80	3.85	2.41	0.00	30.40	3.85	2.41	0.00
27.85	3.85	2.41	0.00	30.45	3.85	2.41	0.00
27.90	3.85	2.41	0.00	30.50	3.85	2.41	0.00
27.95	3.85	2.41	0.00	30.55	3.85	2.41	0.00
28.00	3.85	2.41	0.00	30.60	3.85	2.41	0.00
28.05	3.85	2.41	0.00	30.65	3.85	2.41	0.00
28.10	3.85	2.41	0.00	30.70	3.85	2.41	0.00
28.15	3.85	2.41	0.00	30.75	3.85	2.41	0.00
28.20	3.85	2.41	0.00	30.80	3.85	2.41	0.00
28.25	3.85	2.41	0.00	30.85	3.85	2.41	0.00
28.30	3.85	2.41	0.00	30.90	3.85	2.41	0.00
28.35	3.85	2.41	0.00	30.95	3.85	2.41	0.00
28.40	3.85	2.41	0.00	31.00	3.85	2.41	0.00
28.45	3.85	2.41	0.00	31.05	3.85	2.41	0.00
28.50	3.85	2.41	0.00	31.10	3.85	2.41	0.00
28.55	3.85	2.41	0.00	31.15	3.85	2.41	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	2.41	0.00	33.80	3.85	2.41	0.00
31.25	3.85	2.41	0.00	33.85	3.85	2.41	0.00
31.30	3.85	2.41	0.00	33.90	3.85	2.41	0.00
31.35	3.85	2.41	0.00	33.95	3.85	2.41	0.00
31.40	3.85	2.41	0.00	34.00	3.85	2.41	0.00
31.45	3.85	2.41	0.00	34.05	3.85	2.41	0.00
31.50	3.85	2.41	0.00	34.10	3.85	2.41	0.00
31.55	3.85	2.41	0.00	34.15	3.85	2.41	0.00
31.60	3.85	2.41	0.00	34.20	3.85	2.41	0.00
31.65	3.85	2.41	0.00	34.25	3.85	2.41	0.00
31.70	3.85	2.41	0.00	34.30	3.85	2.41	0.00
31.75	3.85	2.41	0.00	34.35	3.85	2.41	0.00
31.80	3.85	2.41	0.00	34.40	3.85	2.41	0.00
31.85	3.85	2.41	0.00	34.45	3.85	2.41	0.00
31.90	3.85	2.41	0.00	34.50	3.85	2.41	0.00
31.95	3.85	2.41	0.00	34.55	3.85	2.41	0.00
32.00	3.85	2.41	0.00	34.60	3.85	2.41	0.00
32.05	3.85	2.41	0.00	34.65	3.85	2.41	0.00
32.10	3.85	2.41	0.00	34.70	3.85	2.41	0.00
32.15	3.85	2.41	0.00	34.75	3.85	2.41	0.00
32.20	3.85	2.41	0.00	34.80	3.85	2.41	0.00
32.25	3.85	2.41	0.00	34.85	3.85	2.41	0.00
32.30	3.85	2.41	0.00	34.90	3.85	2.41	0.00
32.35	3.85	2.41	0.00	34.95	3.85	2.41	0.00
32.40	3.85	2.41	0.00	35.00	3.85	2.41	0.00
32.45	3.85	2.41	0.00	35.05	3.85	2.41	0.00
32.50	3.85	2.41	0.00	35.10	3.85	2.41	0.00
32.55	3.85	2.41	0.00	35.15	3.85	2.41	0.00
32.60	3.85	2.41	0.00	35.20	3.85	2.41	0.00
32.65	3.85	2.41	0.00	35.25	3.85	2.41	0.00
32.70	3.85	2.41	0.00	35.30	3.85	2.41	0.00
32.75	3.85	2.41	0.00	35.35	3.85	2.41	0.00
32.80	3.85	2.41	0.00	35.40	3.85	2.41	0.00
32.85	3.85	2.41	0.00	35.45	3.85	2.41	0.00
32.90	3.85	2.41	0.00	35.50	3.85	2.41	0.00
32.95	3.85	2.41	0.00	35.55	3.85	2.41	0.00
33.00	3.85	2.41	0.00	35.60	3.85	2.41	0.00
33.05	3.85	2.41	0.00	35.65	3.85	2.41	0.00
33.10	3.85	2.41	0.00	35.70	3.85	2.41	0.00
33.15	3.85	2.41	0.00	35.75	3.85	2.41	0.00
33.20	3.85	2.41	0.00	35.80	3.85	2.41	0.00
33.25	3.85	2.41	0.00	35.85	3.85	2.41	0.00
33.30	3.85	2.41	0.00	35.90	3.85	2.41	0.00
33.35	3.85	2.41	0.00	35.95	3.85	2.41	0.00
33.40	3.85	2.41	0.00	36.00	3.85	2.41	0.00
33.45	3.85	2.41	0.00	36.05	3.85	2.41	0.00
33.50	3.85	2.41	0.00	36.10	3.85	2.41	0.00
33.55	3.85	2.41	0.00	36.15	3.85	2.41	0.00
33.60	3.85	2.41	0.00	36.20	3.85	2.41	0.00
33.65	3.85	2.41	0.00	36.25	3.85	2.41	0.00
33.70	3.85	2.41	0.00	36.30	3.85	2.41	0.00
33.75	3.85	2.41	0.00	36.35	3.85	2.41	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	2.41	0.00	39.00	3.85	2.41	0.00
36.45	3.85	2.41	0.00	39.05	3.85	2.41	0.00
36.50	3.85	2.41	0.00	39.10	3.85	2.41	0.00
36.55	3.85	2.41	0.00	39.15	3.85	2.41	0.00
36.60	3.85	2.41	0.00	39.20	3.85	2.41	0.00
36.65	3.85	2.41	0.00	39.25	3.85	2.41	0.00
36.70	3.85	2.41	0.00	39.30	3.85	2.41	0.00
36.75	3.85	2.41	0.00	39.35	3.85	2.41	0.00
36.80	3.85	2.41	0.00	39.40	3.85	2.41	0.00
36.85	3.85	2.41	0.00	39.45	3.85	2.41	0.00
36.90	3.85	2.41	0.00	39.50	3.85	2.41	0.00
36.95	3.85	2.41	0.00	39.55	3.85	2.41	0.00
37.00	3.85	2.41	0.00	39.60	3.85	2.41	0.00
37.05	3.85	2.41	0.00	39.65	3.85	2.41	0.00
37.10	3.85	2.41	0.00	39.70	3.85	2.41	0.00
37.15	3.85	2.41	0.00	39.75	3.85	2.41	0.00
37.20	3.85	2.41	0.00	39.80	3.85	2.41	0.00
37.25	3.85	2.41	0.00	39.85	3.85	2.41	0.00
37.30	3.85	2.41	0.00	39.90	3.85	2.41	0.00
37.35	3.85	2.41	0.00	39.95	3.85	2.41	0.00
37.40	3.85	2.41	0.00	40.00	3.85	2.41	0.00
37.45	3.85	2.41	0.00				
37.50	3.85	2.41	0.00				
37.55	3.85	2.41	0.00				
37.60	3.85	2.41	0.00				
37.65	3.85	2.41	0.00				
37.70	3.85	2.41	0.00				
37.75	3.85	2.41	0.00				
37.80	3.85	2.41	0.00				
37.85	3.85	2.41	0.00				
37.90	3.85	2.41	0.00				
37.95	3.85	2.41	0.00				
38.00	3.85	2.41	0.00				
38.05	3.85	2.41	0.00				
38.10	3.85	2.41	0.00				
38.15	3.85	2.41	0.00				
38.20	3.85	2.41	0.00				
38.25	3.85	2.41	0.00				
38.30	3.85	2.41	0.00				
38.35	3.85	2.41	0.00				
38.40	3.85	2.41	0.00				
38.45	3.85	2.41	0.00				
38.50	3.85	2.41	0.00				
38.55	3.85	2.41	0.00				
38.60	3.85	2.41	0.00				
38.65	3.85	2.41	0.00				
38.70	3.85	2.41	0.00				
38.75	3.85	2.41	0.00				
38.80	3.85	2.41	0.00				
38.85	3.85	2.41	0.00				
38.90	3.85	2.41	0.00				
38.95	3.85	2.41	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 2.84 cfs @ 12.17 hrs, Volume= 0.245 af, Depth= 3.62"
 Routed to Pond B-28 : Basin #28

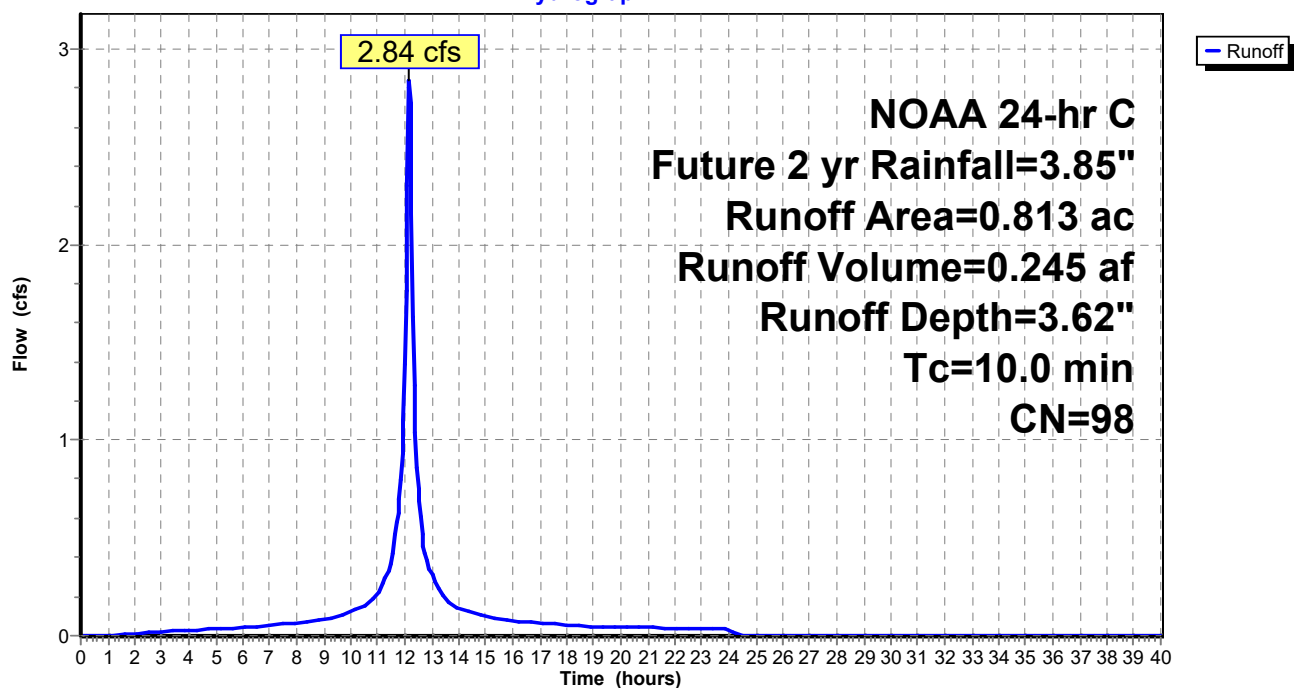
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.07
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.07
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.07
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.07
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.07
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.07
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.07
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.08
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.08
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.08
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.08
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.08
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.08
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.08
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.08
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.05	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.05	9.20	0.59	0.40	0.09
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.09
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.10
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.10
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.10
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.11
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.11
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.06	9.85	0.68	0.48	0.12
7.30	0.40	0.23	0.06	9.90	0.69	0.49	0.12
7.35	0.40	0.23	0.06	9.95	0.69	0.50	0.12
7.40	0.41	0.24	0.06	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.13
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.13
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.13
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.14
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.14
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.14

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.14	13.00	2.93	2.69	0.32
10.45	0.78	0.58	0.14	13.05	2.94	2.71	0.30
10.50	0.79	0.59	0.15	13.10	2.96	2.73	0.28
10.55	0.80	0.60	0.15	13.15	2.97	2.74	0.27
10.60	0.82	0.61	0.15	13.20	2.98	2.75	0.25
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.24
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.23
10.75	0.85	0.65	0.18	13.35	3.02	2.79	0.22
10.80	0.87	0.66	0.19	13.40	3.03	2.80	0.21
10.85	0.88	0.67	0.20	13.45	3.05	2.81	0.20
10.90	0.89	0.69	0.20	13.50	3.06	2.82	0.20
10.95	0.91	0.70	0.21	13.55	3.07	2.83	0.19
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.18
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.17
11.10	0.96	0.75	0.24	13.70	3.09	2.86	0.16
11.15	0.98	0.77	0.26	13.75	3.10	2.87	0.16
11.20	1.00	0.79	0.27	13.80	3.11	2.88	0.16
11.25	1.02	0.81	0.29	13.85	3.12	2.89	0.15
11.30	1.04	0.83	0.31	13.90	3.13	2.90	0.15
11.35	1.06	0.85	0.32	13.95	3.14	2.91	0.15
11.40	1.09	0.88	0.34	14.00	3.15	2.92	0.15
11.45	1.11	0.90	0.36	14.05	3.16	2.92	0.14
11.50	1.14	0.92	0.37	14.10	3.16	2.93	0.14
11.55	1.18	0.96	0.39	14.15	3.17	2.94	0.14
11.60	1.22	1.00	0.45	14.20	3.18	2.95	0.14
11.65	1.26	1.04	0.52	14.25	3.19	2.96	0.13
11.70	1.30	1.08	0.58	14.30	3.20	2.96	0.13
11.75	1.35	1.14	0.63	14.35	3.20	2.97	0.13
11.80	1.41	1.19	0.70	14.40	3.21	2.98	0.13
11.85	1.49	1.27	0.80	14.45	3.22	2.99	0.12
11.90	1.57	1.34	0.93	14.50	3.23	2.99	0.12
11.95	1.70	1.48	1.11	14.55	3.23	3.00	0.12
12.00	1.83	1.61	1.39	14.60	3.24	3.01	0.12
12.05	2.06	1.83	1.77	14.65	3.25	3.01	0.11
12.10	2.28	2.06	2.30	14.70	3.25	3.02	0.11
12.15	2.36	2.13	2.80	14.75	3.26	3.03	0.11
12.20	2.44	2.21	2.72	14.80	3.26	3.03	0.11
12.25	2.50	2.27	2.16	14.85	3.27	3.04	0.10
12.30	2.55	2.32	1.63	14.90	3.28	3.04	0.10
12.35	2.59	2.36	1.28	14.95	3.28	3.05	0.10
12.40	2.63	2.40	1.04	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.86	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.75	15.10	3.30	3.07	0.09
12.55	2.74	2.51	0.69	15.15	3.30	3.07	0.09
12.60	2.76	2.53	0.61	15.20	3.31	3.08	0.09
12.65	2.79	2.56	0.52	15.25	3.31	3.08	0.09
12.70	2.81	2.58	0.46	15.30	3.32	3.09	0.09
12.75	2.83	2.60	0.42	15.35	3.32	3.09	0.09
12.80	2.85	2.62	0.39	15.40	3.33	3.10	0.09
12.85	2.87	2.64	0.37	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.35	15.50	3.34	3.11	0.08
12.95	2.91	2.68	0.34	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.08	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.08	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.08	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.08	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.08	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.08	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.08	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.08	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.08	18.65	3.58	3.35	0.05
16.10	3.40	3.16	0.08	18.70	3.59	3.35	0.05
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.07	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.07	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.07	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.07	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.07	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.07	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.07	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.07	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.06	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.06	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.06	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.04
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.03
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.02
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.01
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 2.47 cfs @ 12.18 hrs, Volume= 0.188 af, Depth= 1.49"
 Routed to Pond B-28 : Basin #28

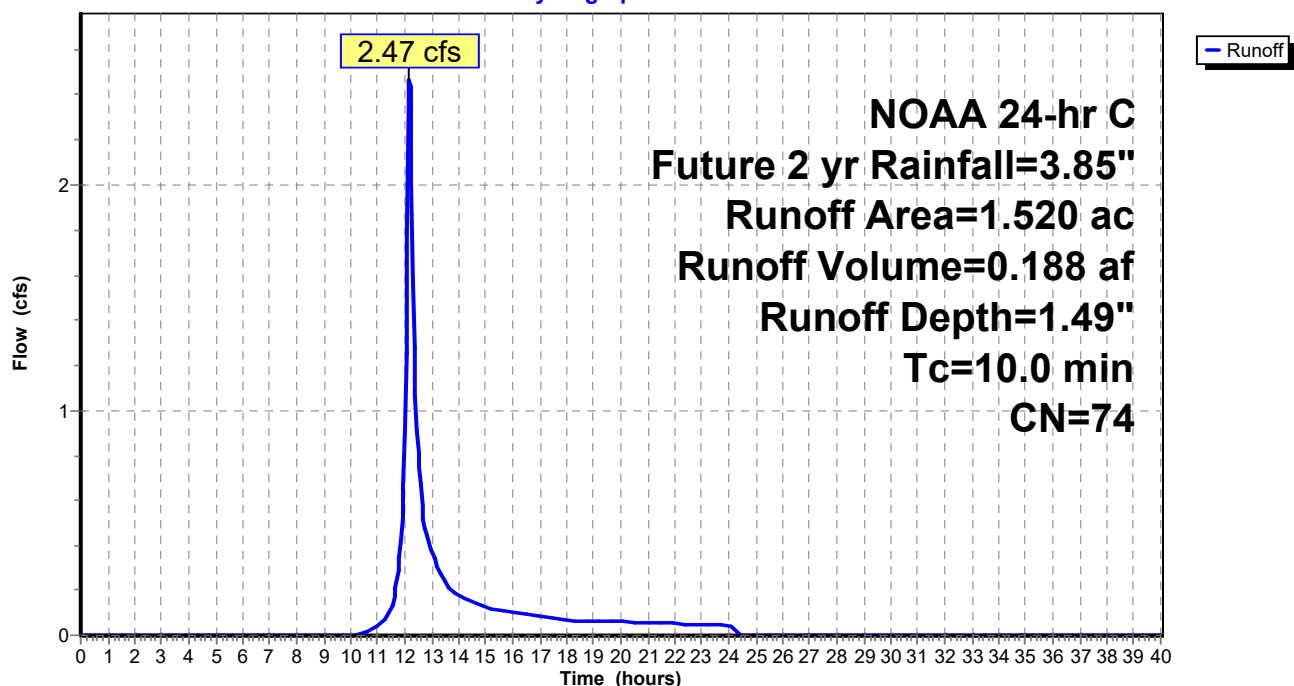
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.37
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.35
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.33
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.31
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.30
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.29
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.28
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.26
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.25
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.24
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.23
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.22
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.21
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.20
11.10	0.96	0.02	0.05	13.70	3.09	0.97	0.20
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.19
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.19
11.25	1.02	0.03	0.07	13.85	3.12	0.99	0.18
11.30	1.04	0.03	0.08	13.90	3.13	0.99	0.18
11.35	1.06	0.03	0.09	13.95	3.14	1.00	0.18
11.40	1.09	0.04	0.10	14.00	3.15	1.00	0.18
11.45	1.11	0.04	0.12	14.05	3.16	1.01	0.17
11.50	1.14	0.05	0.13	14.10	3.16	1.01	0.17
11.55	1.18	0.06	0.14	14.15	3.17	1.02	0.17
11.60	1.22	0.07	0.17	14.20	3.18	1.02	0.17
11.65	1.26	0.08	0.21	14.25	3.19	1.03	0.16
11.70	1.30	0.09	0.25	14.30	3.20	1.03	0.16
11.75	1.35	0.10	0.29	14.35	3.20	1.04	0.16
11.80	1.41	0.12	0.34	14.40	3.21	1.04	0.16
11.85	1.49	0.14	0.42	14.45	3.22	1.05	0.15
11.90	1.57	0.17	0.52	14.50	3.23	1.05	0.15
11.95	1.70	0.22	0.66	14.55	3.23	1.06	0.15
12.00	1.83	0.28	0.90	14.60	3.24	1.06	0.14
12.05	2.06	0.38	1.25	14.65	3.25	1.07	0.14
12.10	2.28	0.49	1.79	14.70	3.25	1.07	0.14
12.15	2.36	0.53	2.36	14.75	3.26	1.08	0.14
12.20	2.44	0.57	2.44	14.80	3.26	1.08	0.13
12.25	2.50	0.61	2.02	14.85	3.27	1.08	0.13
12.30	2.55	0.64	1.58	14.90	3.28	1.09	0.13
12.35	2.59	0.66	1.28	14.95	3.28	1.09	0.13
12.40	2.63	0.69	1.06	15.00	3.29	1.10	0.12
12.45	2.67	0.71	0.91	15.05	3.29	1.10	0.12
12.50	2.71	0.73	0.81	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.75	15.15	3.30	1.11	0.11
12.60	2.76	0.76	0.67	15.20	3.31	1.11	0.11
12.65	2.79	0.78	0.58	15.25	3.31	1.11	0.11
12.70	2.81	0.79	0.51	15.30	3.32	1.12	0.11
12.75	2.83	0.80	0.47	15.35	3.32	1.12	0.11
12.80	2.85	0.82	0.45	15.40	3.33	1.12	0.11
12.85	2.87	0.83	0.43	15.45	3.34	1.13	0.11
12.90	2.89	0.84	0.41	15.50	3.34	1.13	0.11
12.95	2.91	0.85	0.39	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.10	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.10	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.10	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.10	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.10	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.10	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.10	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.10	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.10	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.10	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.10	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.09	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.09	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.09	19.05	3.61	1.32	0.06
16.50	3.43	1.19	0.09	19.10	3.61	1.32	0.06
16.55	3.44	1.20	0.09	19.15	3.61	1.32	0.06
16.60	3.44	1.20	0.09	19.20	3.62	1.32	0.06
16.65	3.45	1.20	0.09	19.25	3.62	1.32	0.06
16.70	3.45	1.21	0.09	19.30	3.62	1.33	0.06
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.06
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.06
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.06
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.06
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.06
17.00	3.47	1.22	0.08	19.60	3.64	1.34	0.06
17.05	3.48	1.22	0.08	19.65	3.64	1.34	0.06
17.10	3.48	1.23	0.08	19.70	3.65	1.34	0.06
17.15	3.49	1.23	0.08	19.75	3.65	1.34	0.06
17.20	3.49	1.23	0.08	19.80	3.65	1.34	0.06
17.25	3.49	1.24	0.08	19.85	3.65	1.35	0.06
17.30	3.50	1.24	0.08	19.90	3.66	1.35	0.06
17.35	3.50	1.24	0.08	19.95	3.66	1.35	0.06
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.06
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.07	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.07	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.07	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.07	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.07	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.07	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.04
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.04
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.02
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.05	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.05	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.05	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.05	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.05	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.05	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.05	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 15.27 cfs @ 12.18 hrs, Volume= 1.166 af, Depth= 1.49"

Routed to Link PDA-2 : Proposed Drainage Area #2

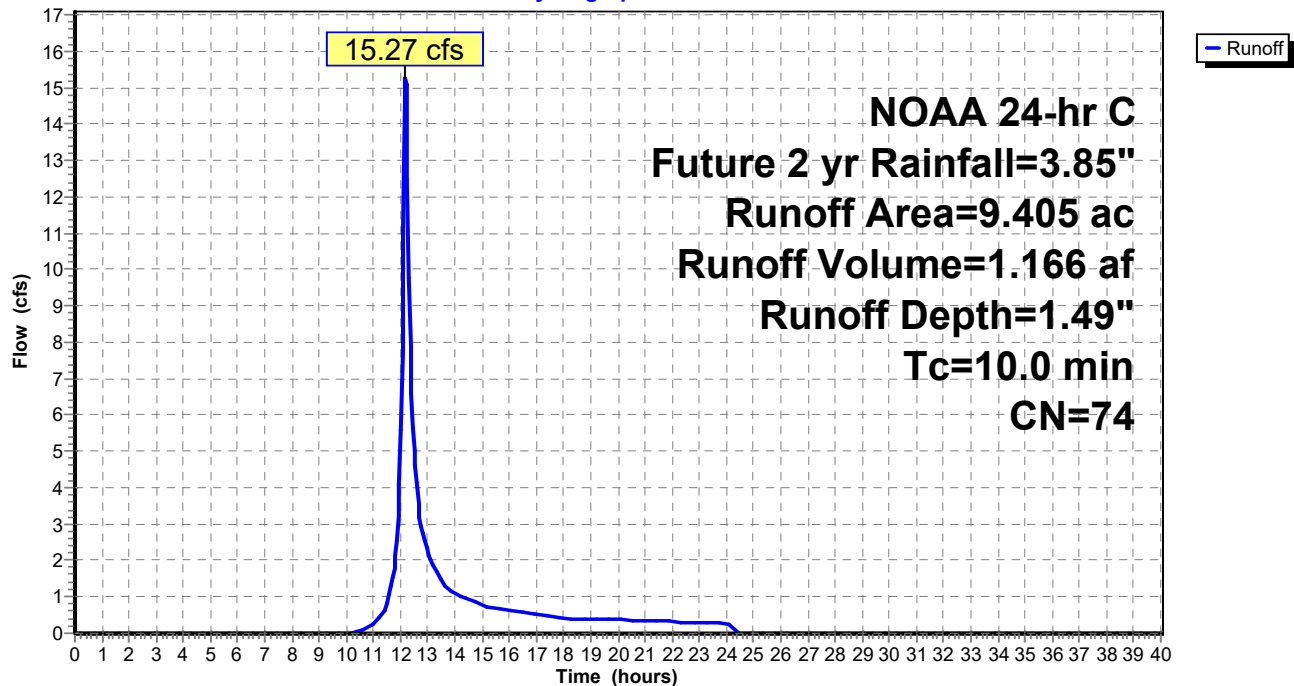
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.01
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.02
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.02
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.03

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.04	13.00	2.93	0.86	2.28
10.45	0.78	0.00	0.05	13.05	2.94	0.87	2.17
10.50	0.79	0.00	0.06	13.10	2.96	0.88	2.06
10.55	0.80	0.00	0.07	13.15	2.97	0.89	1.94
10.60	0.82	0.00	0.08	13.20	2.98	0.90	1.85
10.65	0.83	0.00	0.10	13.25	3.00	0.91	1.77
10.70	0.84	0.01	0.11	13.30	3.01	0.92	1.70
10.75	0.85	0.01	0.13	13.35	3.02	0.92	1.64
10.80	0.87	0.01	0.15	13.40	3.03	0.93	1.58
10.85	0.88	0.01	0.17	13.45	3.05	0.94	1.51
10.90	0.89	0.01	0.20	13.50	3.06	0.94	1.45
10.95	0.91	0.01	0.22	13.55	3.07	0.95	1.38
11.00	0.92	0.01	0.25	13.60	3.08	0.96	1.32
11.05	0.94	0.02	0.28	13.65	3.09	0.96	1.26
11.10	0.96	0.02	0.32	13.70	3.09	0.97	1.22
11.15	0.98	0.02	0.36	13.75	3.10	0.97	1.18
11.20	1.00	0.02	0.41	13.80	3.11	0.98	1.16
11.25	1.02	0.03	0.46	13.85	3.12	0.99	1.14
11.30	1.04	0.03	0.51	13.90	3.13	0.99	1.13
11.35	1.06	0.03	0.58	13.95	3.14	1.00	1.11
11.40	1.09	0.04	0.64	14.00	3.15	1.00	1.09
11.45	1.11	0.04	0.71	14.05	3.16	1.01	1.08
11.50	1.14	0.05	0.79	14.10	3.16	1.01	1.06
11.55	1.18	0.06	0.88	14.15	3.17	1.02	1.04
11.60	1.22	0.07	1.06	14.20	3.18	1.02	1.03
11.65	1.26	0.08	1.32	14.25	3.19	1.03	1.01
11.70	1.30	0.09	1.56	14.30	3.20	1.03	1.00
11.75	1.35	0.10	1.78	14.35	3.20	1.04	0.98
11.80	1.41	0.12	2.11	14.40	3.21	1.04	0.96
11.85	1.49	0.14	2.57	14.45	3.22	1.05	0.94
11.90	1.57	0.17	3.21	14.50	3.23	1.05	0.93
11.95	1.70	0.22	4.11	14.55	3.23	1.06	0.91
12.00	1.83	0.28	5.58	14.60	3.24	1.06	0.89
12.05	2.06	0.38	7.75	14.65	3.25	1.07	0.88
12.10	2.28	0.49	11.06	14.70	3.25	1.07	0.86
12.15	2.36	0.53	14.63	14.75	3.26	1.08	0.84
12.20	2.44	0.57	15.07	14.80	3.26	1.08	0.83
12.25	2.50	0.61	12.47	14.85	3.27	1.08	0.81
12.30	2.55	0.64	9.75	14.90	3.28	1.09	0.79
12.35	2.59	0.66	7.91	14.95	3.28	1.09	0.77
12.40	2.63	0.69	6.59	15.00	3.29	1.10	0.76
12.45	2.67	0.71	5.62	15.05	3.29	1.10	0.74
12.50	2.71	0.73	5.00	15.10	3.30	1.10	0.72
12.55	2.74	0.75	4.62	15.15	3.30	1.11	0.71
12.60	2.76	0.76	4.15	15.20	3.31	1.11	0.69
12.65	2.79	0.78	3.59	15.25	3.31	1.11	0.68
12.70	2.81	0.79	3.17	15.30	3.32	1.12	0.68
12.75	2.83	0.80	2.93	15.35	3.32	1.12	0.67
12.80	2.85	0.82	2.77	15.40	3.33	1.12	0.67
12.85	2.87	0.83	2.63	15.45	3.34	1.13	0.66
12.90	2.89	0.84	2.51	15.50	3.34	1.13	0.66
12.95	2.91	0.85	2.40	15.55	3.35	1.13	0.65

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.65	18.20	3.56	1.28	0.41
15.65	3.36	1.14	0.65	18.25	3.56	1.28	0.41
15.70	3.36	1.14	0.64	18.30	3.56	1.28	0.41
15.75	3.36	1.15	0.64	18.35	3.57	1.29	0.41
15.80	3.37	1.15	0.63	18.40	3.57	1.29	0.40
15.85	3.37	1.15	0.63	18.45	3.57	1.29	0.40
15.90	3.38	1.16	0.62	18.50	3.58	1.29	0.40
15.95	3.38	1.16	0.62	18.55	3.58	1.29	0.40
16.00	3.39	1.16	0.61	18.60	3.58	1.30	0.40
16.05	3.39	1.17	0.61	18.65	3.58	1.30	0.40
16.10	3.40	1.17	0.61	18.70	3.59	1.30	0.40
16.15	3.40	1.17	0.60	18.75	3.59	1.30	0.40
16.20	3.41	1.18	0.60	18.80	3.59	1.30	0.40
16.25	3.41	1.18	0.59	18.85	3.60	1.31	0.39
16.30	3.42	1.18	0.59	18.90	3.60	1.31	0.39
16.35	3.42	1.19	0.58	18.95	3.60	1.31	0.39
16.40	3.42	1.19	0.58	19.00	3.61	1.31	0.39
16.45	3.43	1.19	0.57	19.05	3.61	1.32	0.39
16.50	3.43	1.19	0.57	19.10	3.61	1.32	0.39
16.55	3.44	1.20	0.56	19.15	3.61	1.32	0.39
16.60	3.44	1.20	0.56	19.20	3.62	1.32	0.39
16.65	3.45	1.20	0.56	19.25	3.62	1.32	0.39
16.70	3.45	1.21	0.55	19.30	3.62	1.33	0.38
16.75	3.45	1.21	0.55	19.35	3.63	1.33	0.38
16.80	3.46	1.21	0.54	19.40	3.63	1.33	0.38
16.85	3.46	1.21	0.54	19.45	3.63	1.33	0.38
16.90	3.47	1.22	0.53	19.50	3.63	1.33	0.38
16.95	3.47	1.22	0.53	19.55	3.64	1.34	0.38
17.00	3.47	1.22	0.52	19.60	3.64	1.34	0.38
17.05	3.48	1.22	0.52	19.65	3.64	1.34	0.38
17.10	3.48	1.23	0.51	19.70	3.65	1.34	0.37
17.15	3.49	1.23	0.51	19.75	3.65	1.34	0.37
17.20	3.49	1.23	0.51	19.80	3.65	1.34	0.37
17.25	3.49	1.24	0.50	19.85	3.65	1.35	0.37
17.30	3.50	1.24	0.50	19.90	3.66	1.35	0.37
17.35	3.50	1.24	0.49	19.95	3.66	1.35	0.37
17.40	3.50	1.24	0.48	20.00	3.66	1.35	0.37
17.45	3.51	1.25	0.48	20.05	3.66	1.35	0.37
17.50	3.51	1.25	0.48	20.10	3.67	1.36	0.37
17.55	3.52	1.25	0.47	20.15	3.67	1.36	0.36
17.60	3.52	1.25	0.47	20.20	3.67	1.36	0.36
17.65	3.52	1.26	0.46	20.25	3.68	1.36	0.36
17.70	3.53	1.26	0.46	20.30	3.68	1.36	0.36
17.75	3.53	1.26	0.45	20.35	3.68	1.37	0.36
17.80	3.53	1.26	0.45	20.40	3.68	1.37	0.36
17.85	3.54	1.26	0.44	20.45	3.69	1.37	0.36
17.90	3.54	1.27	0.44	20.50	3.69	1.37	0.36
17.95	3.54	1.27	0.43	20.55	3.69	1.37	0.36
18.00	3.54	1.27	0.43	20.60	3.69	1.38	0.35
18.05	3.55	1.27	0.42	20.65	3.70	1.38	0.35
18.10	3.55	1.28	0.42	20.70	3.70	1.38	0.35
18.15	3.55	1.28	0.41	20.75	3.70	1.38	0.35

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.35	23.40	3.82	1.47	0.29
20.85	3.71	1.38	0.35	23.45	3.83	1.47	0.29
20.90	3.71	1.39	0.35	23.50	3.83	1.47	0.29
20.95	3.71	1.39	0.35	23.55	3.83	1.47	0.28
21.00	3.71	1.39	0.34	23.60	3.83	1.47	0.28
21.05	3.72	1.39	0.34	23.65	3.84	1.48	0.28
21.10	3.72	1.39	0.34	23.70	3.84	1.48	0.28
21.15	3.72	1.40	0.34	23.75	3.84	1.48	0.28
21.20	3.72	1.40	0.34	23.80	3.84	1.48	0.28
21.25	3.73	1.40	0.34	23.85	3.84	1.48	0.28
21.30	3.73	1.40	0.34	23.90	3.85	1.48	0.27
21.35	3.73	1.40	0.34	23.95	3.85	1.49	0.28
21.40	3.73	1.40	0.34	24.00	3.85	1.49	0.29
21.45	3.74	1.41	0.33	24.05	3.85	1.49	0.30
21.50	3.74	1.41	0.33	24.10	3.85	1.49	0.24
21.55	3.74	1.41	0.33	24.15	3.85	1.49	0.14
21.60	3.74	1.41	0.33	24.20	3.85	1.49	0.07
21.65	3.75	1.41	0.33	24.25	3.85	1.49	0.03
21.70	3.75	1.41	0.33	24.30	3.85	1.49	0.02
21.75	3.75	1.42	0.33	24.35	3.85	1.49	0.01
21.80	3.75	1.42	0.33	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.33	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.32	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.32	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.32	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.32	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.32	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.32	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.32	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.32	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.31	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.31	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.31	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.31	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.31	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.31	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.31	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.31	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.31	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.30	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.30	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.30	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.30	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.30	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.30	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.30	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.30	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.29	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.29	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.29	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.29	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.29	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 2.17" for Future 2 yr event
 Inflow = 3.12 cfs @ 12.18 hrs, Volume= 0.255 af
 Outflow = 0.32 cfs @ 13.24 hrs, Volume= 0.209 af, Atten= 90%, Lag= 63.8 min
 Primary = 0.32 cfs @ 13.24 hrs, Volume= 0.209 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.37' @ 13.24 hrs Surf.Area= 2,852 sf Storage= 6,520 cf

Plug-Flow detention time= 374.0 min calculated for 0.209 af (82% of inflow)
 Center-of-Mass det. time= 296.6 min (1,101.1 - 804.6)

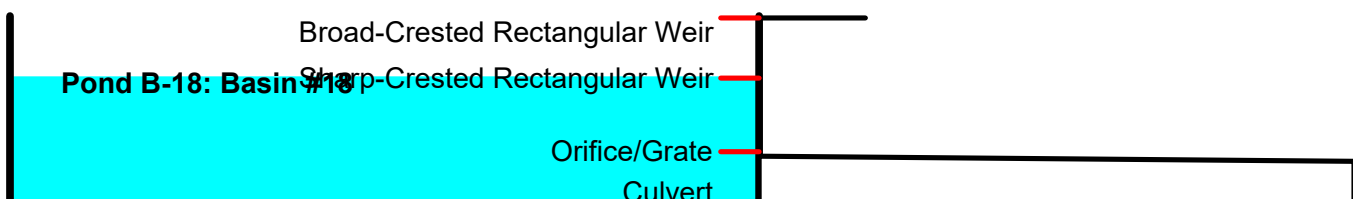
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

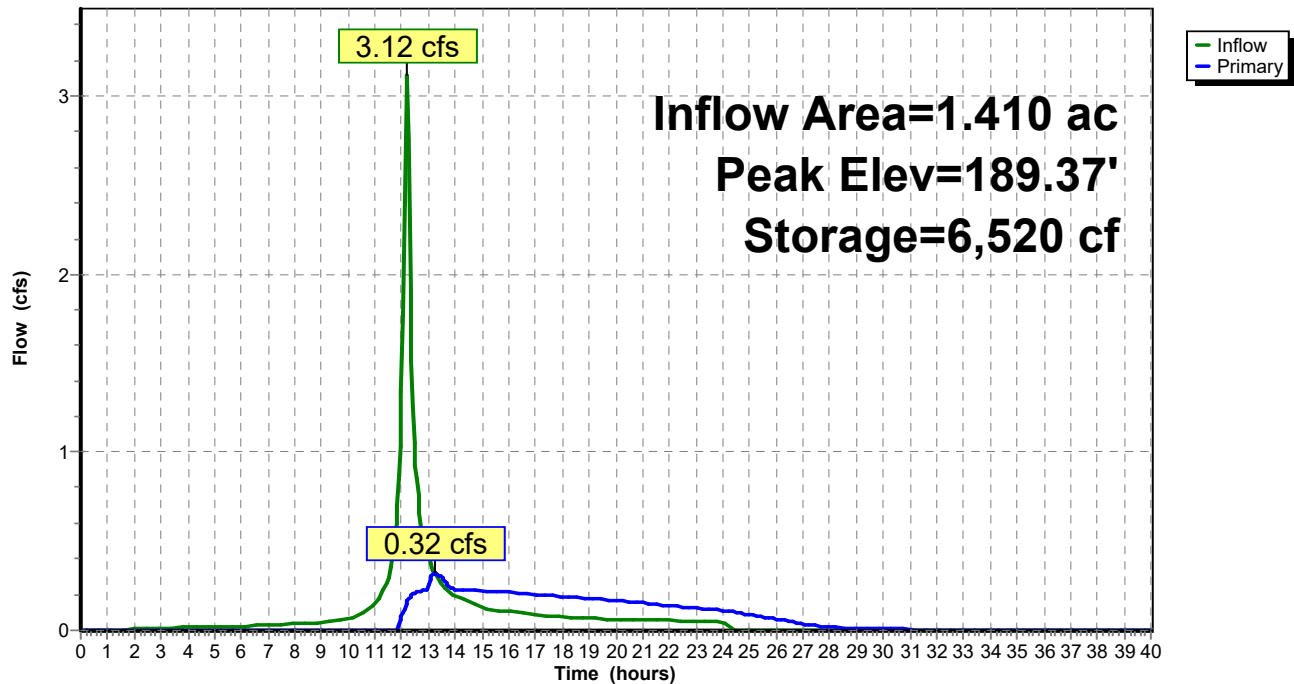
Primary OutFlow Max=0.30 cfs @ 13.24 hrs HW=189.37' (Free Discharge)

1=Culvert (Passes 0.30 cfs of 9.79 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.63 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.08 cfs @ 0.59 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	0	186.00	0.00
1.20	0.00	0	186.00	0.00
1.30	0.00	1	186.00	0.00
1.40	0.00	1	186.00	0.00
1.50	0.00	2	186.00	0.00
1.60	0.00	3	186.00	0.00
1.70	0.00	5	186.00	0.00
1.80	0.00	6	186.01	0.00
1.90	0.01	8	186.01	0.00
2.00	0.01	10	186.01	0.00
2.10	0.01	13	186.01	0.00
2.20	0.01	15	186.01	0.00
2.30	0.01	18	186.02	0.00
2.40	0.01	21	186.02	0.00
2.50	0.01	24	186.02	0.00
2.60	0.01	27	186.02	0.00
2.70	0.01	31	186.03	0.00
2.80	0.01	35	186.03	0.00
2.90	0.01	39	186.03	0.00
3.00	0.01	43	186.04	0.00
3.10	0.01	47	186.04	0.00
3.20	0.01	51	186.05	0.00
3.30	0.01	56	186.05	0.00
3.40	0.01	61	186.05	0.00
3.50	0.01	66	186.06	0.00
3.60	0.01	71	186.06	0.00
3.70	0.01	76	186.07	0.00
3.80	0.02	81	186.07	0.00
3.90	0.02	87	186.08	0.00
4.00	0.02	92	186.08	0.00
4.10	0.02	98	186.09	0.00
4.20	0.02	104	186.09	0.00
4.30	0.02	110	186.10	0.00
4.40	0.02	116	186.10	0.00
4.50	0.02	122	186.11	0.00
4.60	0.02	129	186.11	0.00
4.70	0.02	135	186.12	0.00
4.80	0.02	142	186.12	0.00
4.90	0.02	149	186.13	0.00
5.00	0.02	156	186.14	0.00
5.10	0.02	163	186.14	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	170	186.15	0.00
5.30	0.02	177	186.15	0.00
5.40	0.02	185	186.16	0.00
5.50	0.02	192	186.17	0.00
5.60	0.02	200	186.17	0.00
5.70	0.02	207	186.18	0.00
5.80	0.02	215	186.19	0.00
5.90	0.02	223	186.19	0.00
6.00	0.02	231	186.20	0.00
6.10	0.02	239	186.21	0.00
6.20	0.02	248	186.21	0.00
6.30	0.02	256	186.22	0.00
6.40	0.02	265	186.23	0.00
6.50	0.03	274	186.23	0.00
6.60	0.03	283	186.24	0.00
6.70	0.03	293	186.25	0.00
6.80	0.03	303	186.26	0.00
6.90	0.03	313	186.27	0.00
7.00	0.03	323	186.27	0.00
7.10	0.03	334	186.28	0.00
7.20	0.03	345	186.29	0.00
7.30	0.03	356	186.30	0.00
7.40	0.03	367	186.31	0.00
7.50	0.03	379	186.32	0.00
7.60	0.03	391	186.33	0.00
7.70	0.03	403	186.34	0.00
7.80	0.04	416	186.35	0.00
7.90	0.04	429	186.36	0.00
8.00	0.04	442	186.37	0.00
8.10	0.04	455	186.38	0.00
8.20	0.04	469	186.39	0.00
8.30	0.04	483	186.40	0.00
8.40	0.04	497	186.41	0.00
8.50	0.04	511	186.42	0.00
8.60	0.04	526	186.43	0.00
8.70	0.04	541	186.44	0.00
8.80	0.04	556	186.46	0.00
8.90	0.04	572	186.47	0.00
9.00	0.04	587	186.48	0.00
9.10	0.05	603	186.49	0.00
9.20	0.05	620	186.50	0.00
9.30	0.05	638	186.52	0.00
9.40	0.05	656	186.53	0.00
9.50	0.06	676	186.54	0.00
9.60	0.06	696	186.56	0.00
9.70	0.06	717	186.58	0.00
9.80	0.06	739	186.59	0.00
9.90	0.07	762	186.61	0.00
10.00	0.07	787	186.63	0.00
10.10	0.07	812	186.64	0.00
10.20	0.07	838	186.66	0.00
10.30	0.08	865	186.68	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.08	894	186.70	0.00
10.50	0.09	925	186.72	0.00
10.60	0.09	958	186.75	0.00
10.70	0.11	994	186.77	0.00
10.80	0.12	1,034	186.80	0.00
10.90	0.13	1,079	186.83	0.00
11.00	0.15	1,130	186.86	0.00
11.10	0.17	1,187	186.90	0.00
11.20	0.19	1,251	186.94	0.00
11.30	0.22	1,326	186.99	0.00
11.40	0.25	1,412	187.04	0.00
11.50	0.29	1,509	187.11	0.00
11.60	0.36	1,622	187.17	0.00
11.70	0.48	1,773	187.26	0.00
11.80	0.60	1,966	187.38	0.00
11.90	0.84	2,218	187.52	0.03
12.00	1.34	2,579	187.71	0.08
12.10	2.40	3,197	188.02	0.12
12.20	3.05	4,184	188.47	0.16
12.30	1.90	5,009	188.81	0.19
12.40	1.25	5,494	189.00	0.20
12.50	0.93	5,804	189.11	0.21
12.60	0.76	6,033	189.20	0.22
12.70	0.58	6,193	189.26	0.22
12.80	0.50	6,306	189.30	0.22
12.90	0.45	6,397	189.33	0.22
13.00	0.41	6,468	189.35	0.25
13.10	0.37	6,507	189.37	0.30
13.20	0.33	6,519	189.37	0.32
13.30	0.30	6,518	189.37	0.32
13.40	0.28	6,510	189.37	0.31
13.50	0.26	6,499	189.37	0.29
13.60	0.23	6,485	189.36	0.27
13.70	0.21	6,469	189.35	0.26
13.80	0.20	6,456	189.35	0.24
13.90	0.20	6,444	189.35	0.23
14.00	0.19	6,431	189.34	0.23
14.10	0.19	6,418	189.34	0.22
14.20	0.18	6,404	189.33	0.22
14.30	0.17	6,387	189.33	0.22
14.40	0.17	6,368	189.32	0.22
14.50	0.16	6,347	189.31	0.22
14.60	0.16	6,325	189.30	0.22
14.70	0.15	6,300	189.29	0.22
14.80	0.14	6,273	189.29	0.22
14.90	0.14	6,244	189.27	0.22
15.00	0.13	6,213	189.26	0.22
15.10	0.13	6,181	189.25	0.22
15.20	0.12	6,146	189.24	0.22
15.30	0.12	6,110	189.23	0.22
15.40	0.12	6,074	189.21	0.22
15.50	0.11	6,038	189.20	0.22

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.11	6,001	189.19	0.21
15.70	0.11	5,964	189.17	0.21
15.80	0.11	5,927	189.16	0.21
15.90	0.11	5,889	189.15	0.21
16.00	0.11	5,852	189.13	0.21
16.10	0.10	5,814	189.12	0.21
16.20	0.10	5,775	189.10	0.21
16.30	0.10	5,737	189.09	0.21
16.40	0.10	5,698	189.07	0.21
16.50	0.10	5,659	189.06	0.21
16.60	0.10	5,620	189.05	0.21
16.70	0.09	5,580	189.03	0.20
16.80	0.09	5,541	189.02	0.20
16.90	0.09	5,501	189.00	0.20
17.00	0.09	5,460	188.98	0.20
17.10	0.09	5,420	188.97	0.20
17.20	0.09	5,379	188.95	0.20
17.30	0.08	5,339	188.94	0.20
17.40	0.08	5,297	188.92	0.20
17.50	0.08	5,256	188.91	0.20
17.60	0.08	5,215	188.89	0.20
17.70	0.08	5,173	188.87	0.19
17.80	0.08	5,131	188.86	0.19
17.90	0.07	5,089	188.84	0.19
18.00	0.07	5,047	188.82	0.19
18.10	0.07	5,005	188.81	0.19
18.20	0.07	4,962	188.79	0.19
18.30	0.07	4,920	188.77	0.19
18.40	0.07	4,877	188.76	0.19
18.50	0.07	4,836	188.74	0.18
18.60	0.07	4,794	188.72	0.18
18.70	0.07	4,753	188.71	0.18
18.80	0.07	4,712	188.69	0.18
18.90	0.07	4,671	188.67	0.18
19.00	0.07	4,630	188.66	0.18
19.10	0.07	4,590	188.64	0.18
19.20	0.07	4,550	188.62	0.18
19.30	0.07	4,511	188.61	0.17
19.40	0.06	4,472	188.59	0.17
19.50	0.06	4,433	188.57	0.17
19.60	0.06	4,394	188.56	0.17
19.70	0.06	4,356	188.54	0.17
19.80	0.06	4,318	188.53	0.17
19.90	0.06	4,280	188.51	0.17
20.00	0.06	4,243	188.49	0.17
20.10	0.06	4,206	188.48	0.16
20.20	0.06	4,170	188.46	0.16
20.30	0.06	4,133	188.45	0.16
20.40	0.06	4,097	188.43	0.16
20.50	0.06	4,061	188.42	0.16
20.60	0.06	4,026	188.40	0.16
20.70	0.06	3,991	188.38	0.16

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	3,956	188.37	0.16
20.90	0.06	3,922	188.35	0.15
21.00	0.06	3,888	188.34	0.15
21.10	0.06	3,854	188.32	0.15
21.20	0.06	3,821	188.31	0.15
21.30	0.06	3,787	188.29	0.15
21.40	0.06	3,755	188.28	0.15
21.50	0.06	3,722	188.26	0.15
21.60	0.06	3,690	188.25	0.14
21.70	0.06	3,659	188.24	0.14
21.80	0.06	3,627	188.22	0.14
21.90	0.05	3,596	188.21	0.14
22.00	0.05	3,565	188.19	0.14
22.10	0.05	3,535	188.18	0.14
22.20	0.05	3,505	188.17	0.14
22.30	0.05	3,475	188.15	0.14
22.40	0.05	3,446	188.14	0.13
22.50	0.05	3,417	188.12	0.13
22.60	0.05	3,388	188.11	0.13
22.70	0.05	3,360	188.10	0.13
22.80	0.05	3,332	188.08	0.13
22.90	0.05	3,304	188.07	0.13
23.00	0.05	3,277	188.06	0.13
23.10	0.05	3,250	188.05	0.12
23.20	0.05	3,223	188.03	0.12
23.30	0.05	3,197	188.02	0.12
23.40	0.05	3,171	188.01	0.12
23.50	0.05	3,146	187.99	0.12
23.60	0.05	3,120	187.98	0.12
23.70	0.05	3,095	187.97	0.12
23.80	0.05	3,071	187.96	0.11
23.90	0.05	3,047	187.95	0.11
24.00	0.05	3,023	187.94	0.11
24.10	0.04	3,001	187.92	0.11
24.20	0.01	2,970	187.91	0.11
24.30	0.00	2,934	187.89	0.11
24.40	0.00	2,897	187.87	0.10
24.50	0.00	2,860	187.85	0.10
24.60	0.00	2,824	187.84	0.10
24.70	0.00	2,789	187.82	0.10
24.80	0.00	2,755	187.80	0.09
24.90	0.00	2,722	187.78	0.09
25.00	0.00	2,689	187.77	0.09
25.10	0.00	2,658	187.75	0.09
25.20	0.00	2,627	187.74	0.08
25.30	0.00	2,597	187.72	0.08
25.40	0.00	2,569	187.70	0.08
25.50	0.00	2,541	187.69	0.08
25.60	0.00	2,514	187.68	0.07
25.70	0.00	2,488	187.66	0.07
25.80	0.00	2,462	187.65	0.07
25.90	0.00	2,438	187.64	0.07

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,415	187.62	0.06
26.10	0.00	2,393	187.61	0.06
26.20	0.00	2,371	187.60	0.06
26.30	0.00	2,351	187.59	0.06
26.40	0.00	2,331	187.58	0.05
26.50	0.00	2,313	187.57	0.05
26.60	0.00	2,295	187.56	0.05
26.70	0.00	2,278	187.55	0.05
26.80	0.00	2,263	187.54	0.04
26.90	0.00	2,248	187.53	0.04
27.00	0.00	2,234	187.53	0.04
27.10	0.00	2,221	187.52	0.03
27.20	0.00	2,209	187.51	0.03
27.30	0.00	2,198	187.51	0.03
27.40	0.00	2,188	187.50	0.03
27.50	0.00	2,178	187.50	0.03
27.60	0.00	2,169	187.49	0.02
27.70	0.00	2,161	187.49	0.02
27.80	0.00	2,153	187.48	0.02
27.90	0.00	2,145	187.48	0.02
28.00	0.00	2,138	187.47	0.02
28.10	0.00	2,131	187.47	0.02
28.20	0.00	2,125	187.47	0.02
28.30	0.00	2,119	187.46	0.02
28.40	0.00	2,114	187.46	0.01
28.50	0.00	2,109	187.46	0.01
28.60	0.00	2,104	187.45	0.01
28.70	0.00	2,099	187.45	0.01
28.80	0.00	2,095	187.45	0.01
28.90	0.00	2,091	187.45	0.01
29.00	0.00	2,087	187.44	0.01
29.10	0.00	2,083	187.44	0.01
29.20	0.00	2,080	187.44	0.01
29.30	0.00	2,076	187.44	0.01
29.40	0.00	2,073	187.44	0.01
29.50	0.00	2,070	187.44	0.01
29.60	0.00	2,067	187.43	0.01
29.70	0.00	2,064	187.43	0.01
29.80	0.00	2,061	187.43	0.01
29.90	0.00	2,058	187.43	0.01
30.00	0.00	2,056	187.43	0.01
30.10	0.00	2,053	187.43	0.01
30.20	0.00	2,051	187.42	0.01
30.30	0.00	2,048	187.42	0.01
30.40	0.00	2,046	187.42	0.01
30.50	0.00	2,044	187.42	0.01
30.60	0.00	2,042	187.42	0.01
30.70	0.00	2,040	187.42	0.01
30.80	0.00	2,038	187.42	0.01
30.90	0.00	2,036	187.42	0.00
31.00	0.00	2,034	187.42	0.00
31.10	0.00	2,033	187.41	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,031	187.41	0.00
31.30	0.00	2,029	187.41	0.00
31.40	0.00	2,028	187.41	0.00
31.50	0.00	2,027	187.41	0.00
31.60	0.00	2,025	187.41	0.00
31.70	0.00	2,024	187.41	0.00
31.80	0.00	2,023	187.41	0.00
31.90	0.00	2,021	187.41	0.00
32.00	0.00	2,020	187.41	0.00
32.10	0.00	2,019	187.41	0.00
32.20	0.00	2,018	187.41	0.00
32.30	0.00	2,017	187.41	0.00
32.40	0.00	2,016	187.40	0.00
32.50	0.00	2,015	187.40	0.00
32.60	0.00	2,014	187.40	0.00
32.70	0.00	2,013	187.40	0.00
32.80	0.00	2,012	187.40	0.00
32.90	0.00	2,011	187.40	0.00
33.00	0.00	2,011	187.40	0.00
33.10	0.00	2,010	187.40	0.00
33.20	0.00	2,009	187.40	0.00
33.30	0.00	2,008	187.40	0.00
33.40	0.00	2,008	187.40	0.00
33.50	0.00	2,007	187.40	0.00
33.60	0.00	2,006	187.40	0.00
33.70	0.00	2,006	187.40	0.00
33.80	0.00	2,005	187.40	0.00
33.90	0.00	2,005	187.40	0.00
34.00	0.00	2,004	187.40	0.00
34.10	0.00	2,003	187.40	0.00
34.20	0.00	2,003	187.40	0.00
34.30	0.00	2,002	187.40	0.00
34.40	0.00	2,002	187.40	0.00
34.50	0.00	2,001	187.40	0.00
34.60	0.00	2,000	187.40	0.00
34.70	0.00	2,000	187.40	0.00
34.80	0.00	1,999	187.40	0.00
34.90	0.00	1,999	187.40	0.00
35.00	0.00	1,998	187.39	0.00
35.10	0.00	1,998	187.39	0.00
35.20	0.00	1,997	187.39	0.00
35.30	0.00	1,997	187.39	0.00
35.40	0.00	1,996	187.39	0.00
35.50	0.00	1,996	187.39	0.00
35.60	0.00	1,995	187.39	0.00
35.70	0.00	1,995	187.39	0.00
35.80	0.00	1,994	187.39	0.00
35.90	0.00	1,994	187.39	0.00
36.00	0.00	1,993	187.39	0.00
36.10	0.00	1,993	187.39	0.00
36.20	0.00	1,992	187.39	0.00
36.30	0.00	1,992	187.39	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,991	187.39	0.00
36.50	0.00	1,991	187.39	0.00
36.60	0.00	1,991	187.39	0.00
36.70	0.00	1,990	187.39	0.00
36.80	0.00	1,990	187.39	0.00
36.90	0.00	1,989	187.39	0.00
37.00	0.00	1,989	187.39	0.00
37.10	0.00	1,988	187.39	0.00
37.20	0.00	1,988	187.39	0.00
37.30	0.00	1,988	187.39	0.00
37.40	0.00	1,987	187.39	0.00
37.50	0.00	1,987	187.39	0.00
37.60	0.00	1,986	187.39	0.00
37.70	0.00	1,986	187.39	0.00
37.80	0.00	1,986	187.39	0.00
37.90	0.00	1,985	187.39	0.00
38.00	0.00	1,985	187.39	0.00
38.10	0.00	1,985	187.39	0.00
38.20	0.00	1,984	187.39	0.00
38.30	0.00	1,984	187.39	0.00
38.40	0.00	1,983	187.39	0.00
38.50	0.00	1,983	187.39	0.00
38.60	0.00	1,983	187.39	0.00
38.70	0.00	1,982	187.39	0.00
38.80	0.00	1,982	187.39	0.00
38.90	0.00	1,982	187.39	0.00
39.00	0.00	1,981	187.39	0.00
39.10	0.00	1,981	187.39	0.00
39.20	0.00	1,981	187.38	0.00
39.30	0.00	1,980	187.38	0.00
39.40	0.00	1,980	187.38	0.00
39.50	0.00	1,980	187.38	0.00
39.60	0.00	1,980	187.38	0.00
39.70	0.00	1,979	187.38	0.00
39.80	0.00	1,979	187.38	0.00
39.90	0.00	1,979	187.38	0.00
40.00	0.00	1,978	187.38	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 3.89 cfs @ 12.17 hrs, Volume= 0.318 af
 Outflow = 0.60 cfs @ 12.83 hrs, Volume= 0.259 af, Atten= 85%, Lag= 39.5 min
 Primary = 0.60 cfs @ 12.83 hrs, Volume= 0.259 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 197.85' @ 12.83 hrs Surf.Area= 3,700 sf Storage= 7,892 cf

Plug-Flow detention time= 419.8 min calculated for 0.258 af (81% of inflow)
 Center-of-Mass det. time= 339.9 min (1,141.2 - 801.3)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

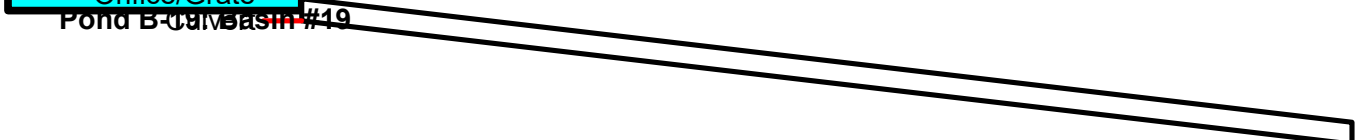
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.59 cfs @ 12.83 hrs HW=197.85' (Free Discharge)

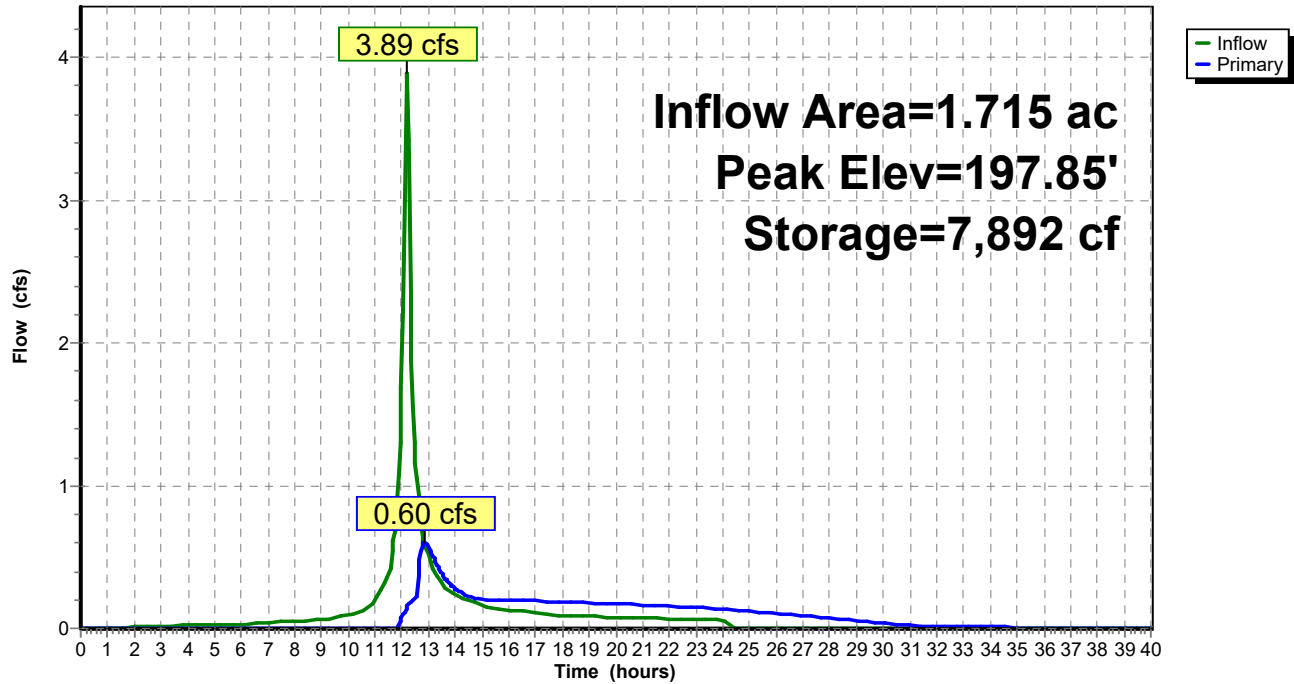
1=Culvert (Passes 0.59 cfs of 14.23 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.11 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.39 cfs @ 1.01 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	0	195.00	0.00
1.10	0.00	0	195.00	0.00
1.20	0.00	0	195.00	0.00
1.30	0.00	1	195.00	0.00
1.40	0.00	2	195.00	0.00
1.50	0.00	3	195.00	0.00
1.60	0.00	4	195.00	0.00
1.70	0.01	6	195.00	0.00
1.80	0.01	8	195.00	0.00
1.90	0.01	11	195.01	0.00
2.00	0.01	14	195.01	0.00
2.10	0.01	17	195.01	0.00
2.20	0.01	20	195.01	0.00
2.30	0.01	24	195.01	0.00
2.40	0.01	28	195.01	0.00
2.50	0.01	32	195.02	0.00
2.60	0.01	36	195.02	0.00
2.70	0.01	41	195.02	0.00
2.80	0.01	46	195.02	0.00
2.90	0.01	51	195.03	0.00
3.00	0.02	57	195.03	0.00
3.10	0.02	62	195.03	0.00
3.20	0.02	68	195.04	0.00
3.30	0.02	74	195.04	0.00
3.40	0.02	81	195.04	0.00
3.50	0.02	87	195.05	0.00
3.60	0.02	94	195.05	0.00
3.70	0.02	101	195.05	0.00
3.80	0.02	108	195.06	0.00
3.90	0.02	115	195.06	0.00
4.00	0.02	122	195.06	0.00
4.10	0.02	130	195.07	0.00
4.20	0.02	138	195.07	0.00
4.30	0.02	146	195.08	0.00
4.40	0.02	154	195.08	0.00
4.50	0.02	162	195.08	0.00
4.60	0.02	171	195.09	0.00
4.70	0.02	180	195.09	0.00
4.80	0.02	188	195.10	0.00
4.90	0.03	197	195.10	0.00
5.00	0.03	207	195.11	0.00
5.10	0.03	216	195.11	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	225	195.12	0.00
5.30	0.03	235	195.12	0.00
5.40	0.03	245	195.13	0.00
5.50	0.03	255	195.13	0.00
5.60	0.03	265	195.14	0.00
5.70	0.03	275	195.14	0.00
5.80	0.03	285	195.15	0.00
5.90	0.03	296	195.15	0.00
6.00	0.03	307	195.16	0.00
6.10	0.03	317	195.16	0.00
6.20	0.03	328	195.17	0.00
6.30	0.03	340	195.17	0.00
6.40	0.03	351	195.18	0.00
6.50	0.03	363	195.18	0.00
6.60	0.03	376	195.19	0.00
6.70	0.04	389	195.20	0.00
6.80	0.04	402	195.20	0.00
6.90	0.04	415	195.21	0.00
7.00	0.04	429	195.22	0.00
7.10	0.04	443	195.22	0.00
7.20	0.04	457	195.23	0.00
7.30	0.04	472	195.24	0.00
7.40	0.04	487	195.25	0.00
7.50	0.04	503	195.25	0.00
7.60	0.04	519	195.26	0.00
7.70	0.05	535	195.27	0.00
7.80	0.05	552	195.28	0.00
7.90	0.05	569	195.28	0.00
8.00	0.05	586	195.29	0.00
8.10	0.05	604	195.30	0.00
8.20	0.05	622	195.31	0.00
8.30	0.05	640	195.32	0.00
8.40	0.05	659	195.33	0.00
8.50	0.05	678	195.34	0.00
8.60	0.05	698	195.35	0.00
8.70	0.06	717	195.36	0.00
8.80	0.06	738	195.37	0.00
8.90	0.06	758	195.37	0.00
9.00	0.06	779	195.38	0.00
9.10	0.06	801	195.39	0.00
9.20	0.06	823	195.40	0.00
9.30	0.07	846	195.42	0.00
9.40	0.07	871	195.43	0.00
9.50	0.07	896	195.44	0.00
9.60	0.08	923	195.45	0.00
9.70	0.08	951	195.46	0.00
9.80	0.08	981	195.48	0.00
9.90	0.09	1,012	195.49	0.00
10.00	0.09	1,044	195.51	0.00
10.10	0.09	1,077	195.52	0.00
10.20	0.10	1,111	195.54	0.00
10.30	0.10	1,148	195.55	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,186	195.57	0.00
10.50	0.12	1,227	195.59	0.00
10.60	0.12	1,269	195.61	0.00
10.70	0.14	1,316	195.63	0.00
10.80	0.16	1,369	195.65	0.00
10.90	0.17	1,428	195.68	0.00
11.00	0.19	1,494	195.71	0.00
11.10	0.22	1,568	195.74	0.00
11.20	0.25	1,652	195.77	0.00
11.30	0.29	1,748	195.81	0.00
11.40	0.33	1,858	195.86	0.00
11.50	0.37	1,983	195.91	0.00
11.60	0.45	2,128	195.97	0.00
11.70	0.61	2,321	196.05	0.00
11.80	0.76	2,565	196.14	0.00
11.90	1.06	2,886	196.27	0.03
12.00	1.68	3,348	196.44	0.07
12.10	3.00	4,135	196.71	0.11
12.20	3.79	5,382	197.12	0.15
12.30	2.35	6,427	197.43	0.18
12.40	1.54	7,048	197.61	0.19
12.50	1.15	7,454	197.73	0.20
12.60	0.94	7,735	197.80	0.37
12.70	0.71	7,860	197.84	0.55
12.80	0.62	7,891	197.85	0.60
12.90	0.56	7,888	197.84	0.59
13.00	0.50	7,871	197.84	0.56
13.10	0.45	7,847	197.83	0.53
13.20	0.41	7,819	197.83	0.49
13.30	0.37	7,791	197.82	0.45
13.40	0.34	7,765	197.81	0.41
13.50	0.32	7,742	197.81	0.38
13.60	0.29	7,720	197.80	0.35
13.70	0.26	7,697	197.79	0.33
13.80	0.25	7,675	197.79	0.31
13.90	0.24	7,657	197.78	0.29
14.00	0.24	7,642	197.78	0.28
14.10	0.23	7,628	197.77	0.26
14.20	0.22	7,616	197.77	0.25
14.30	0.21	7,606	197.77	0.24
14.40	0.21	7,596	197.77	0.23
14.50	0.20	7,586	197.76	0.22
14.60	0.19	7,577	197.76	0.22
14.70	0.18	7,568	197.76	0.21
14.80	0.18	7,557	197.75	0.21
14.90	0.17	7,545	197.75	0.20
15.00	0.16	7,532	197.75	0.20
15.10	0.15	7,516	197.74	0.20
15.20	0.15	7,498	197.74	0.20
15.30	0.14	7,478	197.73	0.20
15.40	0.14	7,457	197.73	0.20
15.50	0.14	7,436	197.72	0.20

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	7,414	197.72	0.20
15.70	0.14	7,392	197.71	0.20
15.80	0.13	7,369	197.70	0.20
15.90	0.13	7,345	197.70	0.20
16.00	0.13	7,321	197.69	0.20
16.10	0.13	7,297	197.68	0.20
16.20	0.13	7,272	197.68	0.20
16.30	0.12	7,246	197.67	0.20
16.40	0.12	7,220	197.66	0.20
16.50	0.12	7,193	197.65	0.20
16.60	0.12	7,166	197.65	0.20
16.70	0.12	7,138	197.64	0.19
16.80	0.11	7,110	197.63	0.19
16.90	0.11	7,081	197.62	0.19
17.00	0.11	7,052	197.61	0.19
17.10	0.11	7,022	197.61	0.19
17.20	0.11	6,991	197.60	0.19
17.30	0.10	6,960	197.59	0.19
17.40	0.10	6,929	197.58	0.19
17.50	0.10	6,897	197.57	0.19
17.60	0.10	6,865	197.56	0.19
17.70	0.10	6,832	197.55	0.19
17.80	0.09	6,798	197.54	0.19
17.90	0.09	6,764	197.53	0.19
18.00	0.09	6,730	197.52	0.19
18.10	0.09	6,695	197.51	0.19
18.20	0.09	6,660	197.50	0.18
18.30	0.09	6,624	197.49	0.18
18.40	0.08	6,589	197.48	0.18
18.50	0.08	6,553	197.47	0.18
18.60	0.08	6,518	197.46	0.18
18.70	0.08	6,483	197.45	0.18
18.80	0.08	6,448	197.44	0.18
18.90	0.08	6,413	197.43	0.18
19.00	0.08	6,378	197.42	0.18
19.10	0.08	6,343	197.41	0.18
19.20	0.08	6,308	197.40	0.18
19.30	0.08	6,273	197.39	0.18
19.40	0.08	6,239	197.38	0.18
19.50	0.08	6,204	197.37	0.17
19.60	0.08	6,170	197.36	0.17
19.70	0.08	6,136	197.35	0.17
19.80	0.08	6,102	197.34	0.17
19.90	0.08	6,068	197.33	0.17
20.00	0.08	6,034	197.32	0.17
20.10	0.08	6,000	197.31	0.17
20.20	0.08	5,966	197.30	0.17
20.30	0.08	5,933	197.29	0.17
20.40	0.07	5,899	197.28	0.17
20.50	0.07	5,866	197.27	0.17
20.60	0.07	5,833	197.26	0.17
20.70	0.07	5,800	197.25	0.17

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	5,767	197.24	0.16
20.90	0.07	5,734	197.23	0.16
21.00	0.07	5,701	197.22	0.16
21.10	0.07	5,668	197.21	0.16
21.20	0.07	5,636	197.20	0.16
21.30	0.07	5,603	197.19	0.16
21.40	0.07	5,571	197.18	0.16
21.50	0.07	5,539	197.17	0.16
21.60	0.07	5,507	197.16	0.16
21.70	0.07	5,475	197.15	0.16
21.80	0.07	5,443	197.14	0.16
21.90	0.07	5,411	197.13	0.16
22.00	0.07	5,380	197.12	0.15
22.10	0.07	5,348	197.11	0.15
22.20	0.07	5,317	197.10	0.15
22.30	0.07	5,285	197.09	0.15
22.40	0.06	5,254	197.08	0.15
22.50	0.06	5,223	197.07	0.15
22.60	0.06	5,193	197.06	0.15
22.70	0.06	5,162	197.05	0.15
22.80	0.06	5,131	197.04	0.15
22.90	0.06	5,101	197.03	0.15
23.00	0.06	5,070	197.02	0.15
23.10	0.06	5,040	197.01	0.14
23.20	0.06	5,010	197.00	0.14
23.30	0.06	4,980	196.99	0.14
23.40	0.06	4,951	196.98	0.14
23.50	0.06	4,921	196.97	0.14
23.60	0.06	4,891	196.96	0.14
23.70	0.06	4,862	196.95	0.14
23.80	0.06	4,833	196.94	0.14
23.90	0.06	4,804	196.93	0.14
24.00	0.06	4,775	196.92	0.14
24.10	0.05	4,747	196.92	0.14
24.20	0.01	4,710	196.90	0.13
24.30	0.00	4,665	196.89	0.13
24.40	0.00	4,618	196.87	0.13
24.50	0.00	4,571	196.86	0.13
24.60	0.00	4,525	196.84	0.13
24.70	0.00	4,479	196.83	0.13
24.80	0.00	4,434	196.81	0.12
24.90	0.00	4,389	196.80	0.12
25.00	0.00	4,345	196.78	0.12
25.10	0.00	4,301	196.77	0.12
25.20	0.00	4,259	196.75	0.12
25.30	0.00	4,216	196.74	0.12
25.40	0.00	4,175	196.73	0.12
25.50	0.00	4,133	196.71	0.11
25.60	0.00	4,093	196.70	0.11
25.70	0.00	4,053	196.68	0.11
25.80	0.00	4,014	196.67	0.11
25.90	0.00	3,975	196.66	0.11

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,937	196.64	0.11
26.10	0.00	3,899	196.63	0.10
26.20	0.00	3,862	196.62	0.10
26.30	0.00	3,826	196.61	0.10
26.40	0.00	3,790	196.59	0.10
26.50	0.00	3,755	196.58	0.10
26.60	0.00	3,721	196.57	0.09
26.70	0.00	3,687	196.56	0.09
26.80	0.00	3,654	196.55	0.09
26.90	0.00	3,621	196.53	0.09
27.00	0.00	3,589	196.52	0.09
27.10	0.00	3,558	196.51	0.09
27.20	0.00	3,527	196.50	0.08
27.30	0.00	3,497	196.49	0.08
27.40	0.00	3,467	196.48	0.08
27.50	0.00	3,438	196.47	0.08
27.60	0.00	3,410	196.46	0.08
27.70	0.00	3,383	196.45	0.08
27.80	0.00	3,355	196.44	0.07
27.90	0.00	3,329	196.43	0.07
28.00	0.00	3,303	196.42	0.07
28.10	0.00	3,278	196.41	0.07
28.20	0.00	3,254	196.40	0.07
28.30	0.00	3,230	196.39	0.07
28.40	0.00	3,207	196.38	0.06
28.50	0.00	3,184	196.38	0.06
28.60	0.00	3,162	196.37	0.06
28.70	0.00	3,141	196.36	0.06
28.80	0.00	3,120	196.35	0.06
28.90	0.00	3,100	196.35	0.05
29.00	0.00	3,081	196.34	0.05
29.10	0.00	3,062	196.33	0.05
29.20	0.00	3,044	196.32	0.05
29.30	0.00	3,027	196.32	0.05
29.40	0.00	3,010	196.31	0.05
29.50	0.00	2,994	196.31	0.04
29.60	0.00	2,979	196.30	0.04
29.70	0.00	2,964	196.29	0.04
29.80	0.00	2,950	196.29	0.04
29.90	0.00	2,937	196.28	0.04
30.00	0.00	2,924	196.28	0.03
30.10	0.00	2,912	196.28	0.03
30.20	0.00	2,900	196.27	0.03
30.30	0.00	2,889	196.27	0.03
30.40	0.00	2,879	196.26	0.03
30.50	0.00	2,869	196.26	0.03
30.60	0.00	2,859	196.26	0.03
30.70	0.00	2,850	196.25	0.02
30.80	0.00	2,841	196.25	0.02
30.90	0.00	2,833	196.25	0.02
31.00	0.00	2,825	196.24	0.02
31.10	0.00	2,817	196.24	0.02

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,810	196.24	0.02
31.30	0.00	2,803	196.23	0.02
31.40	0.00	2,797	196.23	0.02
31.50	0.00	2,790	196.23	0.02
31.60	0.00	2,784	196.23	0.02
31.70	0.00	2,778	196.22	0.02
31.80	0.00	2,772	196.22	0.02
31.90	0.00	2,767	196.22	0.01
32.00	0.00	2,762	196.22	0.01
32.10	0.00	2,757	196.22	0.01
32.20	0.00	2,752	196.21	0.01
32.30	0.00	2,747	196.21	0.01
32.40	0.00	2,743	196.21	0.01
32.50	0.00	2,738	196.21	0.01
32.60	0.00	2,734	196.21	0.01
32.70	0.00	2,730	196.21	0.01
32.80	0.00	2,726	196.20	0.01
32.90	0.00	2,723	196.20	0.01
33.00	0.00	2,719	196.20	0.01
33.10	0.00	2,716	196.20	0.01
33.20	0.00	2,712	196.20	0.01
33.30	0.00	2,709	196.20	0.01
33.40	0.00	2,706	196.20	0.01
33.50	0.00	2,703	196.20	0.01
33.60	0.00	2,700	196.19	0.01
33.70	0.00	2,697	196.19	0.01
33.80	0.00	2,694	196.19	0.01
33.90	0.00	2,692	196.19	0.01
34.00	0.00	2,689	196.19	0.01
34.10	0.00	2,686	196.19	0.01
34.20	0.00	2,684	196.19	0.01
34.30	0.00	2,681	196.19	0.01
34.40	0.00	2,679	196.19	0.01
34.50	0.00	2,677	196.19	0.01
34.60	0.00	2,674	196.18	0.01
34.70	0.00	2,672	196.18	0.01
34.80	0.00	2,670	196.18	0.01
34.90	0.00	2,668	196.18	0.01
35.00	0.00	2,666	196.18	0.01
35.10	0.00	2,664	196.18	0.01
35.20	0.00	2,662	196.18	0.01
35.30	0.00	2,660	196.18	0.01
35.40	0.00	2,658	196.18	0.01
35.50	0.00	2,656	196.18	0.01
35.60	0.00	2,654	196.18	0.00
35.70	0.00	2,652	196.18	0.00
35.80	0.00	2,651	196.18	0.00
35.90	0.00	2,649	196.18	0.00
36.00	0.00	2,647	196.17	0.00
36.10	0.00	2,646	196.17	0.00
36.20	0.00	2,644	196.17	0.00
36.30	0.00	2,643	196.17	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,641	196.17	0.00
36.50	0.00	2,640	196.17	0.00
36.60	0.00	2,639	196.17	0.00
36.70	0.00	2,637	196.17	0.00
36.80	0.00	2,636	196.17	0.00
36.90	0.00	2,635	196.17	0.00
37.00	0.00	2,633	196.17	0.00
37.10	0.00	2,632	196.17	0.00
37.20	0.00	2,631	196.17	0.00
37.30	0.00	2,630	196.17	0.00
37.40	0.00	2,629	196.17	0.00
37.50	0.00	2,627	196.17	0.00
37.60	0.00	2,626	196.17	0.00
37.70	0.00	2,625	196.17	0.00
37.80	0.00	2,624	196.17	0.00
37.90	0.00	2,623	196.17	0.00
38.00	0.00	2,622	196.16	0.00
38.10	0.00	2,621	196.16	0.00
38.20	0.00	2,620	196.16	0.00
38.30	0.00	2,620	196.16	0.00
38.40	0.00	2,619	196.16	0.00
38.50	0.00	2,618	196.16	0.00
38.60	0.00	2,617	196.16	0.00
38.70	0.00	2,616	196.16	0.00
38.80	0.00	2,615	196.16	0.00
38.90	0.00	2,615	196.16	0.00
39.00	0.00	2,614	196.16	0.00
39.10	0.00	2,613	196.16	0.00
39.20	0.00	2,612	196.16	0.00
39.30	0.00	2,612	196.16	0.00
39.40	0.00	2,611	196.16	0.00
39.50	0.00	2,610	196.16	0.00
39.60	0.00	2,610	196.16	0.00
39.70	0.00	2,609	196.16	0.00
39.80	0.00	2,608	196.16	0.00
39.90	0.00	2,608	196.16	0.00
40.00	0.00	2,607	196.16	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 2.47" for Future 2 yr event
 Inflow = 6.08 cfs @ 12.17 hrs, Volume= 0.504 af
 Outflow = 1.05 cfs @ 12.72 hrs, Volume= 0.376 af, Atten= 83%, Lag= 33.0 min
 Primary = 1.05 cfs @ 12.72 hrs, Volume= 0.376 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 152.92' @ 12.72 hrs Surf.Area= 7,446 sf Storage= 12,793 cf

Plug-Flow detention time= 537.9 min calculated for 0.376 af (74% of inflow)
 Center-of-Mass det. time= 444.6 min (1,234.8 - 790.2)

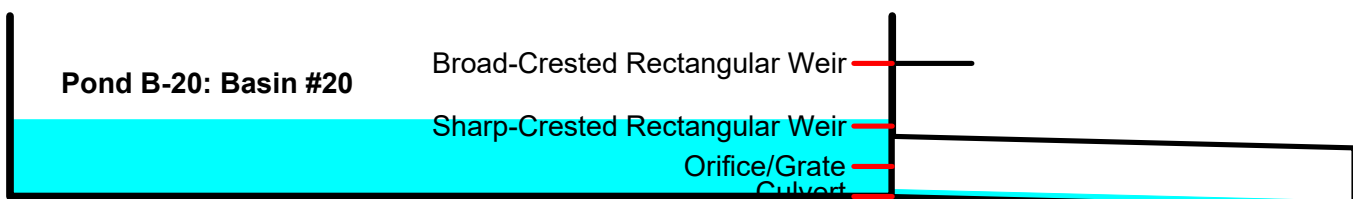
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

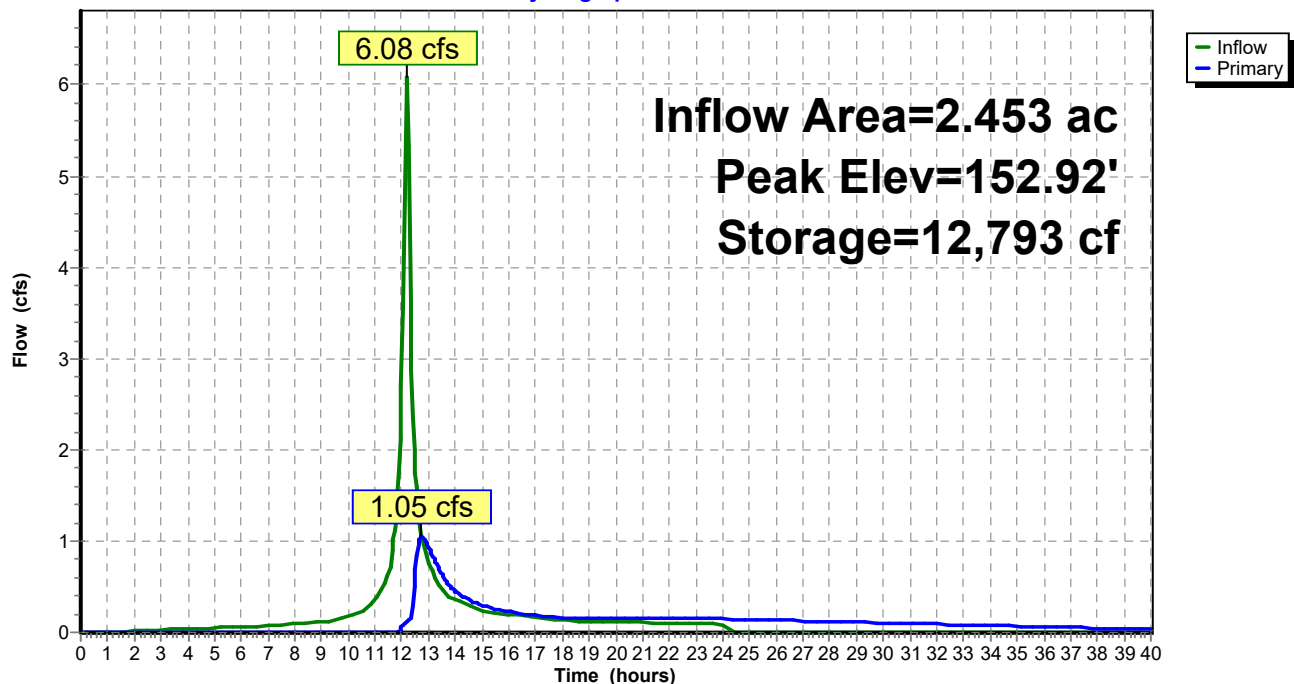
Primary OutFlow Max=1.04 cfs @ 12.72 hrs HW=152.91' (Free Discharge)

1=Culvert (Passes 1.04 cfs of 8.78 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.96 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.87 cfs @ 1.33 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20

Hydrograph



Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.00	0	151.00	0.00
0.60	0.00	0	151.00	0.00
0.70	0.00	0	151.00	0.00
0.80	0.00	0	151.00	0.00
0.90	0.00	0	151.00	0.00
1.00	0.00	0	151.00	0.00
1.10	0.00	0	151.00	0.00
1.20	0.00	0	151.00	0.00
1.30	0.00	1	151.00	0.00
1.40	0.01	3	151.00	0.00
1.50	0.01	5	151.00	0.00
1.60	0.01	8	151.00	0.00
1.70	0.01	12	151.00	0.00
1.80	0.01	16	151.00	0.00
1.90	0.01	21	151.00	0.00
2.00	0.02	26	151.00	0.00
2.10	0.02	32	151.01	0.00
2.20	0.02	38	151.01	0.00
2.30	0.02	45	151.01	0.00
2.40	0.02	53	151.01	0.00
2.50	0.02	61	151.01	0.00
2.60	0.02	69	151.01	0.00
2.70	0.03	78	151.01	0.00
2.80	0.03	87	151.01	0.00
2.90	0.03	97	151.02	0.00
3.00	0.03	107	151.02	0.00
3.10	0.03	118	151.02	0.00
3.20	0.03	129	151.02	0.00
3.30	0.03	141	151.02	0.00
3.40	0.03	152	151.03	0.00
3.50	0.03	165	151.03	0.00
3.60	0.04	177	151.03	0.00
3.70	0.04	190	151.03	0.00
3.80	0.04	204	151.03	0.00
3.90	0.04	218	151.04	0.00
4.00	0.04	232	151.04	0.00
4.10	0.04	246	151.04	0.00
4.20	0.04	261	151.04	0.00
4.30	0.04	276	151.05	0.00
4.40	0.04	292	151.05	0.00
4.50	0.04	307	151.05	0.00
4.60	0.05	324	151.05	0.00
4.70	0.05	340	151.06	0.00
4.80	0.05	357	151.06	0.00
4.90	0.05	374	151.06	0.00
5.00	0.05	391	151.07	0.00
5.10	0.05	409	151.07	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	427	151.07	0.00
5.30	0.05	445	151.07	0.00
5.40	0.05	463	151.08	0.00
5.50	0.05	482	151.08	0.00
5.60	0.05	501	151.08	0.00
5.70	0.05	521	151.09	0.00
5.80	0.05	540	151.09	0.00
5.90	0.06	560	151.09	0.00
6.00	0.06	580	151.10	0.00
6.10	0.06	601	151.10	0.00
6.20	0.06	622	151.10	0.00
6.30	0.06	643	151.11	0.00
6.40	0.06	665	151.11	0.00
6.50	0.06	688	151.12	0.00
6.60	0.07	711	151.12	0.00
6.70	0.07	735	151.12	0.00
6.80	0.07	760	151.13	0.00
6.90	0.07	786	151.13	0.00
7.00	0.07	812	151.14	0.00
7.10	0.08	838	151.14	0.00
7.20	0.08	866	151.14	0.00
7.30	0.08	894	151.15	0.00
7.40	0.08	923	151.15	0.00
7.50	0.08	952	151.16	0.00
7.60	0.08	982	151.16	0.00
7.70	0.09	1,013	151.17	0.00
7.80	0.09	1,044	151.17	0.00
7.90	0.09	1,076	151.18	0.00
8.00	0.09	1,109	151.18	0.00
8.10	0.09	1,143	151.19	0.00
8.20	0.10	1,177	151.20	0.00
8.30	0.10	1,212	151.20	0.00
8.40	0.10	1,247	151.21	0.00
8.50	0.10	1,284	151.21	0.00
8.60	0.10	1,320	151.22	0.00
8.70	0.11	1,358	151.23	0.00
8.80	0.11	1,396	151.23	0.00
8.90	0.11	1,435	151.24	0.00
9.00	0.11	1,475	151.24	0.00
9.10	0.11	1,515	151.25	0.00
9.20	0.12	1,557	151.26	0.00
9.30	0.13	1,602	151.27	0.00
9.40	0.13	1,648	151.27	0.00
9.50	0.14	1,697	151.28	0.00
9.60	0.14	1,748	151.29	0.00
9.70	0.15	1,801	151.30	0.00
9.80	0.16	1,857	151.31	0.00
9.90	0.16	1,915	151.32	0.00
10.00	0.17	1,975	151.33	0.00
10.10	0.18	2,038	151.34	0.00
10.20	0.19	2,103	151.35	0.00
10.30	0.19	2,172	151.36	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.20	2,243	151.37	0.00
10.50	0.21	2,318	151.38	0.00
10.60	0.23	2,397	151.39	0.00
10.70	0.25	2,483	151.41	0.00
10.80	0.28	2,579	151.42	0.00
10.90	0.31	2,686	151.44	0.00
11.00	0.34	2,804	151.46	0.00
11.10	0.38	2,935	151.48	0.00
11.20	0.44	3,082	151.50	0.00
11.30	0.50	3,251	151.53	0.00
11.40	0.56	3,442	151.56	0.00
11.50	0.63	3,656	151.59	0.00
11.60	0.77	3,903	151.63	0.00
11.70	1.03	4,228	151.68	0.00
11.80	1.27	4,636	151.75	0.00
11.90	1.74	5,170	151.83	0.01
12.00	2.71	5,941	151.94	0.05
12.10	4.75	7,227	152.13	0.09
12.20	5.91	9,219	152.42	0.12
12.30	3.63	10,884	152.66	0.15
12.40	2.37	11,878	152.79	0.28
12.50	1.75	12,431	152.87	0.69
12.60	1.43	12,707	152.90	0.96
12.70	1.08	12,790	152.91	1.04
12.80	0.94	12,777	152.91	1.03
12.90	0.84	12,734	152.91	0.98
13.00	0.76	12,679	152.90	0.93
13.10	0.68	12,618	152.89	0.86
13.20	0.61	12,552	152.88	0.80
13.30	0.56	12,486	152.87	0.74
13.40	0.52	12,425	152.87	0.68
13.50	0.48	12,367	152.86	0.63
13.60	0.43	12,312	152.85	0.58
13.70	0.40	12,260	152.84	0.54
13.80	0.38	12,213	152.84	0.50
13.90	0.37	12,171	152.83	0.47
14.00	0.36	12,136	152.83	0.45
14.10	0.34	12,105	152.82	0.42
14.20	0.33	12,077	152.82	0.40
14.30	0.32	12,053	152.82	0.39
14.40	0.31	12,030	152.81	0.37
14.50	0.30	12,009	152.81	0.36
14.60	0.29	11,989	152.81	0.34
14.70	0.28	11,970	152.80	0.33
14.80	0.27	11,952	152.80	0.31
14.90	0.25	11,935	152.80	0.30
15.00	0.24	11,916	152.80	0.30
15.10	0.23	11,896	152.79	0.29
15.20	0.22	11,876	152.79	0.28
15.30	0.22	11,857	152.79	0.27
15.40	0.21	11,838	152.79	0.26
15.50	0.21	11,822	152.78	0.25

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	11,807	152.78	0.25
15.70	0.20	11,793	152.78	0.24
15.80	0.20	11,780	152.78	0.24
15.90	0.20	11,768	152.78	0.23
16.00	0.20	11,757	152.78	0.23
16.10	0.19	11,746	152.77	0.22
16.20	0.19	11,736	152.77	0.22
16.30	0.19	11,727	152.77	0.21
16.40	0.18	11,718	152.77	0.21
16.50	0.18	11,709	152.77	0.20
16.60	0.18	11,700	152.77	0.20
16.70	0.17	11,692	152.77	0.20
16.80	0.17	11,684	152.77	0.19
16.90	0.17	11,676	152.76	0.19
17.00	0.17	11,668	152.76	0.19
17.10	0.16	11,661	152.76	0.18
17.20	0.16	11,653	152.76	0.18
17.30	0.16	11,646	152.76	0.18
17.40	0.15	11,638	152.76	0.17
17.50	0.15	11,631	152.76	0.17
17.60	0.15	11,624	152.76	0.17
17.70	0.14	11,617	152.76	0.16
17.80	0.14	11,609	152.76	0.16
17.90	0.14	11,602	152.75	0.16
18.00	0.13	11,593	152.75	0.16
18.10	0.13	11,585	152.75	0.16
18.20	0.13	11,575	152.75	0.16
18.30	0.13	11,565	152.75	0.16
18.40	0.13	11,555	152.75	0.16
18.50	0.13	11,544	152.75	0.16
18.60	0.12	11,534	152.74	0.15
18.70	0.12	11,523	152.74	0.15
18.80	0.12	11,512	152.74	0.15
18.90	0.12	11,500	152.74	0.15
19.00	0.12	11,489	152.74	0.15
19.10	0.12	11,477	152.74	0.15
19.20	0.12	11,465	152.74	0.15
19.30	0.12	11,453	152.73	0.15
19.40	0.12	11,440	152.73	0.15
19.50	0.12	11,428	152.73	0.15
19.60	0.12	11,415	152.73	0.15
19.70	0.12	11,402	152.73	0.15
19.80	0.12	11,388	152.72	0.15
19.90	0.12	11,375	152.72	0.15
20.00	0.11	11,361	152.72	0.15
20.10	0.11	11,347	152.72	0.15
20.20	0.11	11,333	152.72	0.15
20.30	0.11	11,319	152.72	0.15
20.40	0.11	11,304	152.71	0.15
20.50	0.11	11,289	152.71	0.15
20.60	0.11	11,274	152.71	0.15
20.70	0.11	11,259	152.71	0.15

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	11,244	152.70	0.15
20.90	0.11	11,228	152.70	0.15
21.00	0.11	11,213	152.70	0.15
21.10	0.11	11,196	152.70	0.15
21.20	0.11	11,180	152.70	0.15
21.30	0.10	11,164	152.69	0.15
21.40	0.10	11,147	152.69	0.15
21.50	0.10	11,130	152.69	0.15
21.60	0.10	11,113	152.69	0.15
21.70	0.10	11,096	152.68	0.15
21.80	0.10	11,079	152.68	0.15
21.90	0.10	11,061	152.68	0.15
22.00	0.10	11,043	152.68	0.15
22.10	0.10	11,025	152.67	0.15
22.20	0.10	11,007	152.67	0.15
22.30	0.10	10,989	152.67	0.15
22.40	0.10	10,970	152.67	0.15
22.50	0.10	10,951	152.66	0.15
22.60	0.09	10,932	152.66	0.15
22.70	0.09	10,913	152.66	0.15
22.80	0.09	10,894	152.66	0.15
22.90	0.09	10,874	152.65	0.15
23.00	0.09	10,854	152.65	0.15
23.10	0.09	10,834	152.65	0.15
23.20	0.09	10,814	152.65	0.15
23.30	0.09	10,794	152.64	0.15
23.40	0.09	10,773	152.64	0.15
23.50	0.09	10,753	152.64	0.15
23.60	0.09	10,732	152.63	0.14
23.70	0.09	10,711	152.63	0.14
23.80	0.09	10,689	152.63	0.14
23.90	0.08	10,668	152.63	0.14
24.00	0.09	10,647	152.62	0.14
24.10	0.08	10,626	152.62	0.14
24.20	0.02	10,591	152.61	0.14
24.30	0.00	10,544	152.61	0.14
24.40	0.00	10,494	152.60	0.14
24.50	0.00	10,443	152.59	0.14
24.60	0.00	10,392	152.59	0.14
24.70	0.00	10,342	152.58	0.14
24.80	0.00	10,292	152.57	0.14
24.90	0.00	10,242	152.57	0.14
25.00	0.00	10,192	152.56	0.14
25.10	0.00	10,142	152.55	0.14
25.20	0.00	10,093	152.55	0.14
25.30	0.00	10,044	152.54	0.14
25.40	0.00	9,995	152.53	0.14
25.50	0.00	9,947	152.52	0.13
25.60	0.00	9,899	152.52	0.13
25.70	0.00	9,851	152.51	0.13
25.80	0.00	9,803	152.50	0.13
25.90	0.00	9,755	152.50	0.13

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,708	152.49	0.13
26.10	0.00	9,661	152.48	0.13
26.20	0.00	9,614	152.48	0.13
26.30	0.00	9,568	152.47	0.13
26.40	0.00	9,521	152.46	0.13
26.50	0.00	9,475	152.46	0.13
26.60	0.00	9,430	152.45	0.13
26.70	0.00	9,384	152.45	0.13
26.80	0.00	9,339	152.44	0.13
26.90	0.00	9,294	152.43	0.12
27.00	0.00	9,249	152.43	0.12
27.10	0.00	9,204	152.42	0.12
27.20	0.00	9,160	152.41	0.12
27.30	0.00	9,116	152.41	0.12
27.40	0.00	9,072	152.40	0.12
27.50	0.00	9,028	152.40	0.12
27.60	0.00	8,985	152.39	0.12
27.70	0.00	8,942	152.38	0.12
27.80	0.00	8,899	152.38	0.12
27.90	0.00	8,857	152.37	0.12
28.00	0.00	8,814	152.36	0.12
28.10	0.00	8,772	152.36	0.12
28.20	0.00	8,730	152.35	0.12
28.30	0.00	8,689	152.35	0.12
28.40	0.00	8,647	152.34	0.11
28.50	0.00	8,606	152.33	0.11
28.60	0.00	8,566	152.33	0.11
28.70	0.00	8,525	152.32	0.11
28.80	0.00	8,485	152.32	0.11
28.90	0.00	8,445	152.31	0.11
29.00	0.00	8,405	152.31	0.11
29.10	0.00	8,365	152.30	0.11
29.20	0.00	8,326	152.29	0.11
29.30	0.00	8,287	152.29	0.11
29.40	0.00	8,248	152.28	0.11
29.50	0.00	8,209	152.28	0.11
29.60	0.00	8,171	152.27	0.11
29.70	0.00	8,133	152.27	0.11
29.80	0.00	8,095	152.26	0.10
29.90	0.00	8,058	152.26	0.10
30.00	0.00	8,020	152.25	0.10
30.10	0.00	7,983	152.24	0.10
30.20	0.00	7,946	152.24	0.10
30.30	0.00	7,910	152.23	0.10
30.40	0.00	7,874	152.23	0.10
30.50	0.00	7,838	152.22	0.10
30.60	0.00	7,802	152.22	0.10
30.70	0.00	7,766	152.21	0.10
30.80	0.00	7,731	152.21	0.10
30.90	0.00	7,696	152.20	0.10
31.00	0.00	7,661	152.20	0.10
31.10	0.00	7,627	152.19	0.10

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,592	152.19	0.09
31.30	0.00	7,558	152.18	0.09
31.40	0.00	7,525	152.18	0.09
31.50	0.00	7,491	152.17	0.09
31.60	0.00	7,458	152.17	0.09
31.70	0.00	7,425	152.16	0.09
31.80	0.00	7,392	152.16	0.09
31.90	0.00	7,360	152.15	0.09
32.00	0.00	7,327	152.15	0.09
32.10	0.00	7,295	152.14	0.09
32.20	0.00	7,264	152.14	0.09
32.30	0.00	7,232	152.14	0.09
32.40	0.00	7,201	152.13	0.09
32.50	0.00	7,170	152.13	0.09
32.60	0.00	7,139	152.12	0.08
32.70	0.00	7,109	152.12	0.08
32.80	0.00	7,079	152.11	0.08
32.90	0.00	7,049	152.11	0.08
33.00	0.00	7,019	152.10	0.08
33.10	0.00	6,990	152.10	0.08
33.20	0.00	6,961	152.10	0.08
33.30	0.00	6,932	152.09	0.08
33.40	0.00	6,903	152.09	0.08
33.50	0.00	6,875	152.08	0.08
33.60	0.00	6,847	152.08	0.08
33.70	0.00	6,819	152.07	0.08
33.80	0.00	6,791	152.07	0.08
33.90	0.00	6,764	152.07	0.08
34.00	0.00	6,737	152.06	0.07
34.10	0.00	6,710	152.06	0.07
34.20	0.00	6,684	152.05	0.07
34.30	0.00	6,657	152.05	0.07
34.40	0.00	6,631	152.05	0.07
34.50	0.00	6,605	152.04	0.07
34.60	0.00	6,580	152.04	0.07
34.70	0.00	6,555	152.04	0.07
34.80	0.00	6,530	152.03	0.07
34.90	0.00	6,505	152.03	0.07
35.00	0.00	6,480	152.02	0.07
35.10	0.00	6,456	152.02	0.07
35.20	0.00	6,432	152.02	0.07
35.30	0.00	6,409	152.01	0.07
35.40	0.00	6,385	152.01	0.06
35.50	0.00	6,362	152.01	0.06
35.60	0.00	6,339	152.00	0.06
35.70	0.00	6,316	152.00	0.06
35.80	0.00	6,294	152.00	0.06
35.90	0.00	6,272	151.99	0.06
36.00	0.00	6,250	151.99	0.06
36.10	0.00	6,228	151.99	0.06
36.20	0.00	6,207	151.98	0.06
36.30	0.00	6,186	151.98	0.06

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,165	151.98	0.06
36.50	0.00	6,144	151.97	0.06
36.60	0.00	6,124	151.97	0.06
36.70	0.00	6,104	151.97	0.06
36.80	0.00	6,084	151.97	0.05
36.90	0.00	6,064	151.96	0.05
37.00	0.00	6,045	151.96	0.05
37.10	0.00	6,026	151.96	0.05
37.20	0.00	6,007	151.95	0.05
37.30	0.00	5,989	151.95	0.05
37.40	0.00	5,970	151.95	0.05
37.50	0.00	5,952	151.95	0.05
37.60	0.00	5,934	151.94	0.05
37.70	0.00	5,917	151.94	0.05
37.80	0.00	5,900	151.94	0.05
37.90	0.00	5,883	151.94	0.05
38.00	0.00	5,866	151.93	0.05
38.10	0.00	5,850	151.93	0.04
38.20	0.00	5,834	151.93	0.04
38.30	0.00	5,818	151.93	0.04
38.40	0.00	5,803	151.92	0.04
38.50	0.00	5,788	151.92	0.04
38.60	0.00	5,773	151.92	0.04
38.70	0.00	5,758	151.92	0.04
38.80	0.00	5,744	151.91	0.04
38.90	0.00	5,730	151.91	0.04
39.00	0.00	5,716	151.91	0.04
39.10	0.00	5,702	151.91	0.04
39.20	0.00	5,689	151.91	0.04
39.30	0.00	5,676	151.90	0.04
39.40	0.00	5,663	151.90	0.04
39.50	0.00	5,650	151.90	0.03
39.60	0.00	5,638	151.90	0.03
39.70	0.00	5,626	151.90	0.03
39.80	0.00	5,614	151.89	0.03
39.90	0.00	5,602	151.89	0.03
40.00	0.00	5,591	151.89	0.03

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 2.24" for Future 2 yr event
 Inflow = 5.71 cfs @ 12.17 hrs, Volume= 0.467 af
 Outflow = 0.25 cfs @ 14.89 hrs, Volume= 0.354 af, Atten= 96%, Lag= 163.0 min
 Primary = 0.25 cfs @ 14.89 hrs, Volume= 0.354 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 152.35' @ 14.89 hrs Surf.Area= 7,124 sf Storage= 14,002 cf

Plug-Flow detention time= 708.1 min calculated for 0.354 af (76% of inflow)
 Center-of-Mass det. time= 614.6 min (1,415.2 - 800.6)

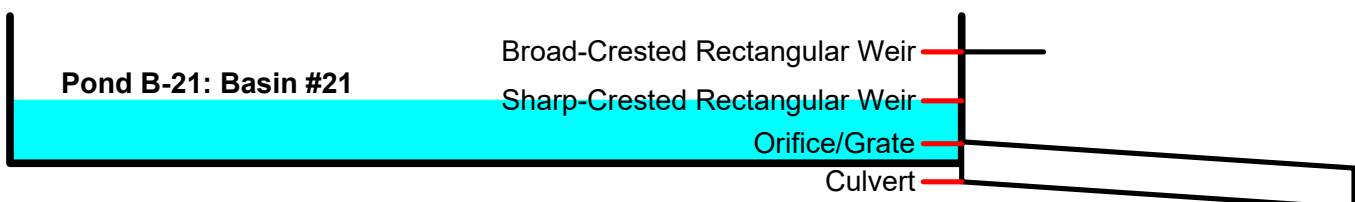
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

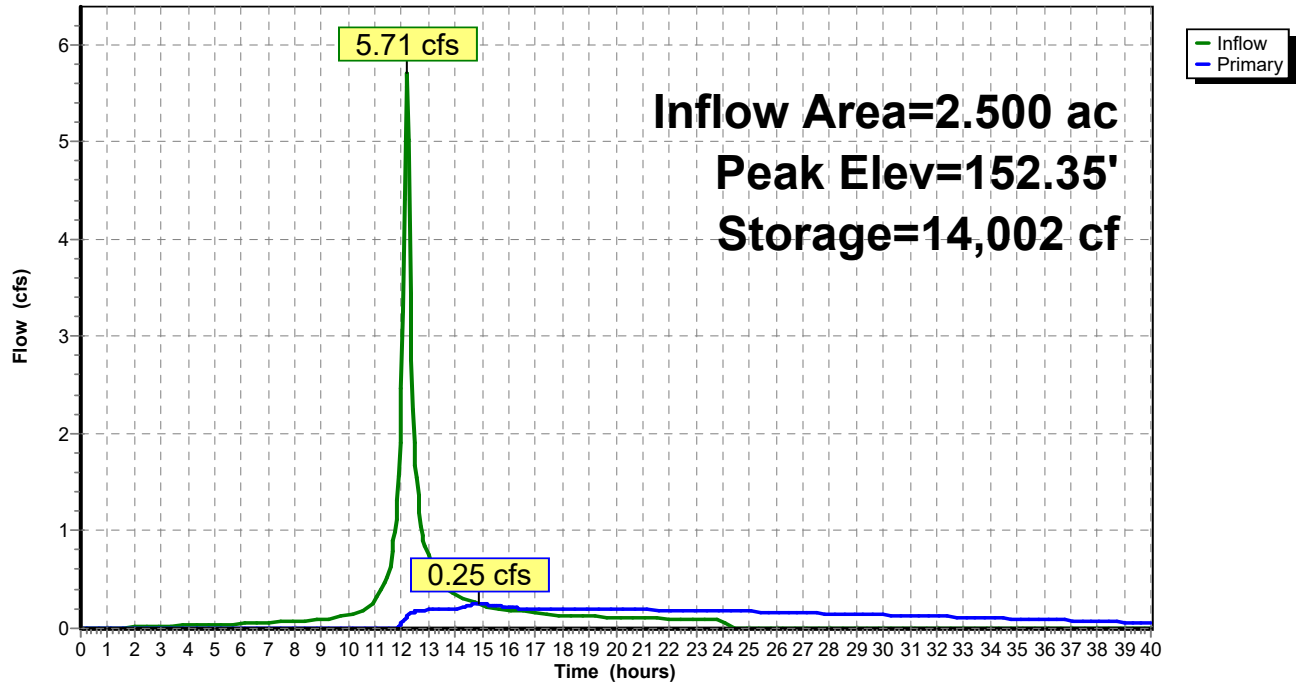
Primary OutFlow Max=0.24 cfs @ 14.89 hrs HW=152.35' (Free Discharge)

1=Culvert (Passes 0.24 cfs of 12.90 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.95 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.03 cfs @ 0.45 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	0	150.00	0.00
0.60	0.00	0	150.00	0.00
0.70	0.00	0	150.00	0.00
0.80	0.00	0	150.00	0.00
0.90	0.00	0	150.00	0.00
1.00	0.00	0	150.00	0.00
1.10	0.00	0	150.00	0.00
1.20	0.00	0	150.00	0.00
1.30	0.00	1	150.00	0.00
1.40	0.00	2	150.00	0.00
1.50	0.01	4	150.00	0.00
1.60	0.01	6	150.00	0.00
1.70	0.01	9	150.00	0.00
1.80	0.01	12	150.00	0.00
1.90	0.01	16	150.00	0.00
2.00	0.01	20	150.00	0.00
2.10	0.01	25	150.01	0.00
2.20	0.01	30	150.01	0.00
2.30	0.02	35	150.01	0.00
2.40	0.02	41	150.01	0.00
2.50	0.02	47	150.01	0.00
2.60	0.02	54	150.01	0.00
2.70	0.02	61	150.01	0.00
2.80	0.02	68	150.01	0.00
2.90	0.02	76	150.02	0.00
3.00	0.02	84	150.02	0.00
3.10	0.02	92	150.02	0.00
3.20	0.02	101	150.02	0.00
3.30	0.03	110	150.02	0.00
3.40	0.03	119	150.02	0.00
3.50	0.03	129	150.03	0.00
3.60	0.03	139	150.03	0.00
3.70	0.03	149	150.03	0.00
3.80	0.03	160	150.03	0.00
3.90	0.03	171	150.04	0.00
4.00	0.03	182	150.04	0.00
4.10	0.03	193	150.04	0.00
4.20	0.03	205	150.04	0.00
4.30	0.03	217	150.04	0.00
4.40	0.03	229	150.05	0.00
4.50	0.03	241	150.05	0.00
4.60	0.04	254	150.05	0.00
4.70	0.04	267	150.05	0.00
4.80	0.04	280	150.06	0.00
4.90	0.04	293	150.06	0.00
5.00	0.04	307	150.06	0.00
5.10	0.04	321	150.07	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	335	150.07	0.00
5.30	0.04	349	150.07	0.00
5.40	0.04	363	150.07	0.00
5.50	0.04	378	150.08	0.00
5.60	0.04	393	150.08	0.00
5.70	0.04	408	150.08	0.00
5.80	0.04	424	150.09	0.00
5.90	0.04	439	150.09	0.00
6.00	0.04	455	150.09	0.00
6.10	0.04	471	150.10	0.00
6.20	0.05	487	150.10	0.00
6.30	0.05	504	150.10	0.00
6.40	0.05	522	150.11	0.00
6.50	0.05	539	150.11	0.00
6.60	0.05	558	150.11	0.00
6.70	0.05	577	150.12	0.00
6.80	0.05	596	150.12	0.00
6.90	0.06	616	150.13	0.00
7.00	0.06	636	150.13	0.00
7.10	0.06	657	150.13	0.00
7.20	0.06	679	150.14	0.00
7.30	0.06	701	150.14	0.00
7.40	0.06	723	150.15	0.00
7.50	0.06	746	150.15	0.00
7.60	0.07	770	150.16	0.00
7.70	0.07	794	150.16	0.00
7.80	0.07	819	150.17	0.00
7.90	0.07	844	150.17	0.00
8.00	0.07	870	150.18	0.00
8.10	0.07	896	150.18	0.00
8.20	0.08	923	150.19	0.00
8.30	0.08	950	150.19	0.00
8.40	0.08	978	150.20	0.00
8.50	0.08	1,006	150.20	0.00
8.60	0.08	1,035	150.21	0.00
8.70	0.08	1,065	150.22	0.00
8.80	0.08	1,095	150.22	0.00
8.90	0.09	1,125	150.23	0.00
9.00	0.09	1,156	150.23	0.00
9.10	0.09	1,188	150.24	0.00
9.20	0.09	1,221	150.25	0.00
9.30	0.10	1,256	150.25	0.00
9.40	0.10	1,292	150.26	0.00
9.50	0.11	1,330	150.27	0.00
9.60	0.11	1,370	150.28	0.00
9.70	0.12	1,412	150.28	0.00
9.80	0.12	1,456	150.29	0.00
9.90	0.13	1,501	150.30	0.00
10.00	0.13	1,549	150.31	0.00
10.10	0.14	1,598	150.32	0.00
10.20	0.15	1,649	150.33	0.00
10.30	0.15	1,703	150.34	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,760	150.35	0.00
10.50	0.17	1,820	150.36	0.00
10.60	0.18	1,884	150.38	0.00
10.70	0.20	1,953	150.39	0.00
10.80	0.23	2,031	150.40	0.00
10.90	0.26	2,119	150.42	0.00
11.00	0.29	2,216	150.44	0.00
11.10	0.32	2,325	150.46	0.00
11.20	0.37	2,449	150.48	0.00
11.30	0.42	2,591	150.51	0.00
11.40	0.48	2,753	150.54	0.00
11.50	0.54	2,937	150.57	0.00
11.60	0.67	3,150	150.61	0.00
11.70	0.90	3,434	150.67	0.00
11.80	1.12	3,795	150.73	0.00
11.90	1.56	4,269	150.82	0.02
12.00	2.47	4,963	150.94	0.06
12.10	4.40	6,141	151.14	0.09
12.20	5.56	7,999	151.45	0.13
12.30	3.45	9,566	151.70	0.15
12.40	2.26	10,517	151.84	0.17
12.50	1.68	11,154	151.94	0.17
12.60	1.37	11,643	152.01	0.18
12.70	1.04	12,008	152.06	0.18
12.80	0.90	12,290	152.10	0.19
12.90	0.82	12,532	152.14	0.19
13.00	0.74	12,744	152.17	0.19
13.10	0.66	12,927	152.20	0.19
13.20	0.59	13,083	152.22	0.19
13.30	0.55	13,218	152.24	0.20
13.40	0.50	13,337	152.25	0.20
13.50	0.46	13,440	152.27	0.20
13.60	0.42	13,527	152.28	0.20
13.70	0.39	13,601	152.29	0.20
13.80	0.37	13,665	152.30	0.20
13.90	0.36	13,723	152.31	0.20
14.00	0.35	13,777	152.32	0.20
14.10	0.33	13,827	152.32	0.20
14.20	0.32	13,873	152.33	0.20
14.30	0.31	13,912	152.34	0.22
14.40	0.30	13,943	152.34	0.23
14.50	0.29	13,967	152.34	0.24
14.60	0.28	13,983	152.35	0.24
14.70	0.27	13,995	152.35	0.25
14.80	0.26	14,001	152.35	0.25
14.90	0.25	14,002	152.35	0.25
15.00	0.24	14,000	152.35	0.25
15.10	0.23	13,994	152.35	0.25
15.20	0.22	13,986	152.35	0.24
15.30	0.21	13,976	152.35	0.24
15.40	0.21	13,966	152.34	0.24
15.50	0.21	13,956	152.34	0.23

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	13,946	152.34	0.23
15.70	0.20	13,937	152.34	0.23
15.80	0.20	13,927	152.34	0.22
15.90	0.19	13,918	152.34	0.22
16.00	0.19	13,909	152.34	0.22
16.10	0.19	13,900	152.33	0.21
16.20	0.19	13,891	152.33	0.21
16.30	0.18	13,883	152.33	0.21
16.40	0.18	13,874	152.33	0.20
16.50	0.18	13,865	152.33	0.20
16.60	0.17	13,855	152.33	0.20
16.70	0.17	13,845	152.33	0.20
16.80	0.17	13,833	152.33	0.20
16.90	0.16	13,821	152.32	0.20
17.00	0.16	13,807	152.32	0.20
17.10	0.16	13,792	152.32	0.20
17.20	0.16	13,777	152.32	0.20
17.30	0.15	13,760	152.31	0.20
17.40	0.15	13,742	152.31	0.20
17.50	0.15	13,723	152.31	0.20
17.60	0.14	13,704	152.31	0.20
17.70	0.14	13,683	152.30	0.20
17.80	0.14	13,661	152.30	0.20
17.90	0.13	13,638	152.30	0.20
18.00	0.13	13,614	152.29	0.20
18.10	0.13	13,590	152.29	0.20
18.20	0.13	13,564	152.29	0.20
18.30	0.12	13,538	152.28	0.20
18.40	0.12	13,511	152.28	0.20
18.50	0.12	13,484	152.28	0.20
18.60	0.12	13,457	152.27	0.20
18.70	0.12	13,430	152.27	0.20
18.80	0.12	13,403	152.26	0.20
18.90	0.12	13,376	152.26	0.20
19.00	0.12	13,348	152.26	0.20
19.10	0.12	13,320	152.25	0.20
19.20	0.12	13,292	152.25	0.20
19.30	0.12	13,264	152.24	0.20
19.40	0.12	13,236	152.24	0.20
19.50	0.12	13,208	152.24	0.20
19.60	0.12	13,179	152.23	0.19
19.70	0.11	13,150	152.23	0.19
19.80	0.11	13,121	152.22	0.19
19.90	0.11	13,092	152.22	0.19
20.00	0.11	13,063	152.22	0.19
20.10	0.11	13,034	152.21	0.19
20.20	0.11	13,004	152.21	0.19
20.30	0.11	12,975	152.20	0.19
20.40	0.11	12,945	152.20	0.19
20.50	0.11	12,915	152.19	0.19
20.60	0.11	12,885	152.19	0.19
20.70	0.11	12,854	152.19	0.19

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	12,824	152.18	0.19
20.90	0.11	12,793	152.18	0.19
21.00	0.10	12,763	152.17	0.19
21.10	0.10	12,732	152.17	0.19
21.20	0.10	12,700	152.16	0.19
21.30	0.10	12,669	152.16	0.19
21.40	0.10	12,638	152.15	0.19
21.50	0.10	12,606	152.15	0.19
21.60	0.10	12,575	152.15	0.19
21.70	0.10	12,543	152.14	0.19
21.80	0.10	12,511	152.14	0.19
21.90	0.10	12,479	152.13	0.19
22.00	0.10	12,446	152.13	0.19
22.10	0.10	12,414	152.12	0.19
22.20	0.10	12,381	152.12	0.19
22.30	0.10	12,349	152.11	0.19
22.40	0.09	12,316	152.11	0.19
22.50	0.09	12,283	152.10	0.19
22.60	0.09	12,249	152.10	0.19
22.70	0.09	12,216	152.09	0.18
22.80	0.09	12,183	152.09	0.18
22.90	0.09	12,149	152.08	0.18
23.00	0.09	12,115	152.08	0.18
23.10	0.09	12,081	152.07	0.18
23.20	0.09	12,047	152.07	0.18
23.30	0.09	12,013	152.06	0.18
23.40	0.09	11,979	152.06	0.18
23.50	0.09	11,944	152.05	0.18
23.60	0.09	11,910	152.05	0.18
23.70	0.08	11,875	152.04	0.18
23.80	0.08	11,840	152.04	0.18
23.90	0.08	11,805	152.03	0.18
24.00	0.09	11,770	152.03	0.18
24.10	0.07	11,736	152.02	0.18
24.20	0.02	11,688	152.02	0.18
24.30	0.00	11,628	152.01	0.18
24.40	0.00	11,564	152.00	0.18
24.50	0.00	11,501	151.99	0.18
24.60	0.00	11,437	151.98	0.18
24.70	0.00	11,374	151.97	0.18
24.80	0.00	11,311	151.96	0.17
24.90	0.00	11,248	151.95	0.17
25.00	0.00	11,185	151.94	0.17
25.10	0.00	11,123	151.93	0.17
25.20	0.00	11,061	151.92	0.17
25.30	0.00	10,999	151.91	0.17
25.40	0.00	10,938	151.90	0.17
25.50	0.00	10,876	151.89	0.17
25.60	0.00	10,815	151.89	0.17
25.70	0.00	10,755	151.88	0.17
25.80	0.00	10,694	151.87	0.17
25.90	0.00	10,634	151.86	0.17

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,574	151.85	0.17
26.10	0.00	10,514	151.84	0.17
26.20	0.00	10,455	151.83	0.16
26.30	0.00	10,396	151.82	0.16
26.40	0.00	10,337	151.81	0.16
26.50	0.00	10,278	151.80	0.16
26.60	0.00	10,220	151.80	0.16
26.70	0.00	10,162	151.79	0.16
26.80	0.00	10,104	151.78	0.16
26.90	0.00	10,046	151.77	0.16
27.00	0.00	9,989	151.76	0.16
27.10	0.00	9,932	151.75	0.16
27.20	0.00	9,875	151.74	0.16
27.30	0.00	9,819	151.73	0.16
27.40	0.00	9,762	151.73	0.16
27.50	0.00	9,706	151.72	0.16
27.60	0.00	9,651	151.71	0.15
27.70	0.00	9,595	151.70	0.15
27.80	0.00	9,540	151.69	0.15
27.90	0.00	9,485	151.68	0.15
28.00	0.00	9,431	151.67	0.15
28.10	0.00	9,376	151.67	0.15
28.20	0.00	9,322	151.66	0.15
28.30	0.00	9,268	151.65	0.15
28.40	0.00	9,215	151.64	0.15
28.50	0.00	9,162	151.63	0.15
28.60	0.00	9,109	151.62	0.15
28.70	0.00	9,056	151.62	0.15
28.80	0.00	9,003	151.61	0.15
28.90	0.00	8,951	151.60	0.14
29.00	0.00	8,899	151.59	0.14
29.10	0.00	8,848	151.58	0.14
29.20	0.00	8,797	151.58	0.14
29.30	0.00	8,745	151.57	0.14
29.40	0.00	8,695	151.56	0.14
29.50	0.00	8,644	151.55	0.14
29.60	0.00	8,594	151.54	0.14
29.70	0.00	8,544	151.54	0.14
29.80	0.00	8,494	151.53	0.14
29.90	0.00	8,445	151.52	0.14
30.00	0.00	8,396	151.51	0.14
30.10	0.00	8,347	151.50	0.14
30.20	0.00	8,298	151.50	0.13
30.30	0.00	8,250	151.49	0.13
30.40	0.00	8,202	151.48	0.13
30.50	0.00	8,154	151.47	0.13
30.60	0.00	8,107	151.47	0.13
30.70	0.00	8,060	151.46	0.13
30.80	0.00	8,013	151.45	0.13
30.90	0.00	7,966	151.44	0.13
31.00	0.00	7,920	151.44	0.13
31.10	0.00	7,874	151.43	0.13

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,828	151.42	0.13
31.30	0.00	7,783	151.41	0.13
31.40	0.00	7,737	151.41	0.13
31.50	0.00	7,693	151.40	0.12
31.60	0.00	7,648	151.39	0.12
31.70	0.00	7,604	151.38	0.12
31.80	0.00	7,559	151.38	0.12
31.90	0.00	7,516	151.37	0.12
32.00	0.00	7,472	151.36	0.12
32.10	0.00	7,429	151.36	0.12
32.20	0.00	7,386	151.35	0.12
32.30	0.00	7,343	151.34	0.12
32.40	0.00	7,301	151.33	0.12
32.50	0.00	7,259	151.33	0.12
32.60	0.00	7,217	151.32	0.12
32.70	0.00	7,176	151.31	0.11
32.80	0.00	7,134	151.31	0.11
32.90	0.00	7,094	151.30	0.11
33.00	0.00	7,053	151.29	0.11
33.10	0.00	7,013	151.29	0.11
33.20	0.00	6,973	151.28	0.11
33.30	0.00	6,933	151.27	0.11
33.40	0.00	6,893	151.27	0.11
33.50	0.00	6,854	151.26	0.11
33.60	0.00	6,815	151.25	0.11
33.70	0.00	6,777	151.25	0.11
33.80	0.00	6,738	151.24	0.11
33.90	0.00	6,700	151.24	0.11
34.00	0.00	6,663	151.23	0.10
34.10	0.00	6,625	151.22	0.10
34.20	0.00	6,588	151.22	0.10
34.30	0.00	6,551	151.21	0.10
34.40	0.00	6,514	151.20	0.10
34.50	0.00	6,478	151.20	0.10
34.60	0.00	6,442	151.19	0.10
34.70	0.00	6,406	151.19	0.10
34.80	0.00	6,371	151.18	0.10
34.90	0.00	6,336	151.17	0.10
35.00	0.00	6,301	151.17	0.10
35.10	0.00	6,267	151.16	0.10
35.20	0.00	6,232	151.16	0.09
35.30	0.00	6,198	151.15	0.09
35.40	0.00	6,165	151.15	0.09
35.50	0.00	6,131	151.14	0.09
35.60	0.00	6,098	151.13	0.09
35.70	0.00	6,066	151.13	0.09
35.80	0.00	6,033	151.12	0.09
35.90	0.00	6,001	151.12	0.09
36.00	0.00	5,969	151.11	0.09
36.10	0.00	5,938	151.11	0.09
36.20	0.00	5,906	151.10	0.09
36.30	0.00	5,875	151.10	0.09

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,845	151.09	0.08
36.50	0.00	5,814	151.09	0.08
36.60	0.00	5,784	151.08	0.08
36.70	0.00	5,755	151.08	0.08
36.80	0.00	5,725	151.07	0.08
36.90	0.00	5,696	151.07	0.08
37.00	0.00	5,667	151.06	0.08
37.10	0.00	5,638	151.06	0.08
37.20	0.00	5,610	151.05	0.08
37.30	0.00	5,582	151.05	0.08
37.40	0.00	5,554	151.04	0.08
37.50	0.00	5,527	151.04	0.08
37.60	0.00	5,500	151.03	0.07
37.70	0.00	5,473	151.03	0.07
37.80	0.00	5,447	151.02	0.07
37.90	0.00	5,421	151.02	0.07
38.00	0.00	5,395	151.01	0.07
38.10	0.00	5,369	151.01	0.07
38.20	0.00	5,344	151.01	0.07
38.30	0.00	5,319	151.00	0.07
38.40	0.00	5,294	151.00	0.07
38.50	0.00	5,270	150.99	0.07
38.60	0.00	5,246	150.99	0.07
38.70	0.00	5,222	150.98	0.07
38.80	0.00	5,198	150.98	0.06
38.90	0.00	5,175	150.98	0.06
39.00	0.00	5,152	150.97	0.06
39.10	0.00	5,130	150.97	0.06
39.20	0.00	5,108	150.96	0.06
39.30	0.00	5,086	150.96	0.06
39.40	0.00	5,064	150.96	0.06
39.50	0.00	5,043	150.95	0.06
39.60	0.00	5,022	150.95	0.06
39.70	0.00	5,001	150.95	0.06
39.80	0.00	4,981	150.94	0.06
39.90	0.00	4,961	150.94	0.06
40.00	0.00	4,941	150.94	0.05

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 2.19" for Future 2 yr event
 Inflow = 5.49 cfs @ 12.18 hrs, Volume= 0.449 af
 Outflow = 0.55 cfs @ 13.25 hrs, Volume= 0.336 af, Atten= 90%, Lag= 64.5 min
 Primary = 0.55 cfs @ 13.25 hrs, Volume= 0.336 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 149.57' @ 13.25 hrs Surf.Area= 8,540 sf Storage= 12,094 cf

Plug-Flow detention time= 608.5 min calculated for 0.336 af (75% of inflow)
 Center-of-Mass det. time= 514.2 min (1,317.5 - 803.3)

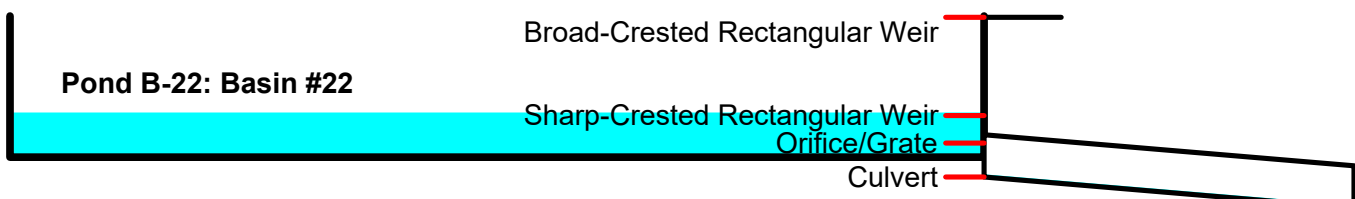
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

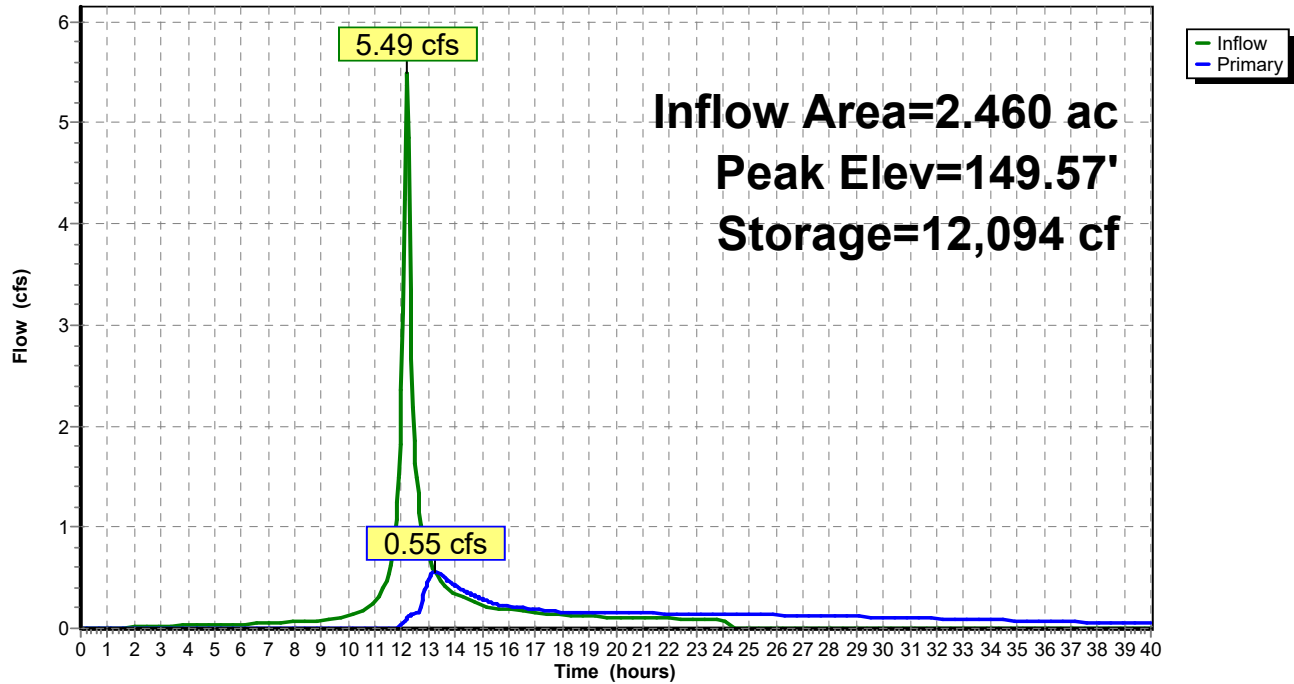
Primary OutFlow Max=0.55 cfs @ 13.25 hrs HW=149.57' (Free Discharge)

1=Culvert (Passes 0.55 cfs of 10.48 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.72 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.39 cfs @ 1.01 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-22: Basin #22

Hydrograph



Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	0	148.00	0.00
0.60	0.00	0	148.00	0.00
0.70	0.00	0	148.00	0.00
0.80	0.00	0	148.00	0.00
0.90	0.00	0	148.00	0.00
1.00	0.00	0	148.00	0.00
1.10	0.00	0	148.00	0.00
1.20	0.00	0	148.00	0.00
1.30	0.00	1	148.00	0.00
1.40	0.00	2	148.00	0.00
1.50	0.01	4	148.00	0.00
1.60	0.01	6	148.00	0.00
1.70	0.01	8	148.00	0.00
1.80	0.01	11	148.00	0.00
1.90	0.01	15	148.00	0.00
2.00	0.01	19	148.00	0.00
2.10	0.01	23	148.00	0.00
2.20	0.01	27	148.00	0.00
2.30	0.01	32	148.00	0.00
2.40	0.02	38	148.01	0.00
2.50	0.02	44	148.01	0.00
2.60	0.02	50	148.01	0.00
2.70	0.02	56	148.01	0.00
2.80	0.02	63	148.01	0.00
2.90	0.02	70	148.01	0.00
3.00	0.02	77	148.01	0.00
3.10	0.02	85	148.01	0.00
3.20	0.02	93	148.01	0.00
3.30	0.02	101	148.01	0.00
3.40	0.02	110	148.02	0.00
3.50	0.02	118	148.02	0.00
3.60	0.03	128	148.02	0.00
3.70	0.03	137	148.02	0.00
3.80	0.03	147	148.02	0.00
3.90	0.03	157	148.02	0.00
4.00	0.03	167	148.02	0.00
4.10	0.03	177	148.03	0.00
4.20	0.03	188	148.03	0.00
4.30	0.03	199	148.03	0.00
4.40	0.03	210	148.03	0.00
4.50	0.03	221	148.03	0.00
4.60	0.03	233	148.03	0.00
4.70	0.03	245	148.04	0.00
4.80	0.03	257	148.04	0.00
4.90	0.03	269	148.04	0.00
5.00	0.03	281	148.04	0.00
5.10	0.04	294	148.04	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	307	148.04	0.00
5.30	0.04	320	148.05	0.00
5.40	0.04	333	148.05	0.00
5.50	0.04	347	148.05	0.00
5.60	0.04	361	148.05	0.00
5.70	0.04	375	148.05	0.00
5.80	0.04	389	148.06	0.00
5.90	0.04	403	148.06	0.00
6.00	0.04	417	148.06	0.00
6.10	0.04	432	148.06	0.00
6.20	0.04	447	148.06	0.00
6.30	0.04	463	148.07	0.00
6.40	0.04	479	148.07	0.00
6.50	0.05	495	148.07	0.00
6.60	0.05	512	148.07	0.00
6.70	0.05	529	148.08	0.00
6.80	0.05	547	148.08	0.00
6.90	0.05	565	148.08	0.00
7.00	0.05	584	148.08	0.00
7.10	0.05	603	148.09	0.00
7.20	0.06	623	148.09	0.00
7.30	0.06	643	148.09	0.00
7.40	0.06	664	148.10	0.00
7.50	0.06	685	148.10	0.00
7.60	0.06	707	148.10	0.00
7.70	0.06	729	148.10	0.00
7.80	0.06	751	148.11	0.00
7.90	0.06	774	148.11	0.00
8.00	0.07	798	148.11	0.00
8.10	0.07	822	148.12	0.00
8.20	0.07	847	148.12	0.00
8.30	0.07	872	148.12	0.00
8.40	0.07	897	148.13	0.00
8.50	0.07	923	148.13	0.00
8.60	0.07	950	148.14	0.00
8.70	0.08	977	148.14	0.00
8.80	0.08	1,005	148.14	0.00
8.90	0.08	1,033	148.15	0.00
9.00	0.08	1,061	148.15	0.00
9.10	0.08	1,090	148.16	0.00
9.20	0.09	1,121	148.16	0.00
9.30	0.09	1,152	148.16	0.00
9.40	0.10	1,186	148.17	0.00
9.50	0.10	1,221	148.17	0.00
9.60	0.10	1,257	148.18	0.00
9.70	0.11	1,296	148.18	0.00
9.80	0.11	1,336	148.19	0.00
9.90	0.12	1,378	148.20	0.00
10.00	0.12	1,421	148.20	0.00
10.10	0.13	1,466	148.21	0.00
10.20	0.13	1,513	148.22	0.00
10.30	0.14	1,563	148.22	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,616	148.23	0.00
10.50	0.16	1,671	148.24	0.00
10.60	0.17	1,729	148.25	0.00
10.70	0.19	1,794	148.25	0.00
10.80	0.21	1,867	148.26	0.00
10.90	0.24	1,948	148.28	0.00
11.00	0.27	2,039	148.29	0.00
11.10	0.30	2,140	148.30	0.00
11.20	0.35	2,256	148.32	0.00
11.30	0.40	2,390	148.34	0.00
11.40	0.45	2,542	148.36	0.00
11.50	0.51	2,716	148.38	0.00
11.60	0.63	2,917	148.41	0.00
11.70	0.85	3,186	148.45	0.00
11.80	1.07	3,528	148.49	0.00
11.90	1.49	3,982	148.55	0.01
12.00	2.36	4,651	148.64	0.03
12.10	4.24	5,789	148.79	0.07
12.20	5.36	7,586	149.02	0.11
12.30	3.33	9,108	149.21	0.13
12.40	2.19	10,037	149.32	0.14
12.50	1.63	10,662	149.40	0.15
12.60	1.33	11,144	149.45	0.15
12.70	1.01	11,499	149.50	0.21
12.80	0.88	11,738	149.52	0.33
12.90	0.79	11,902	149.54	0.42
13.00	0.72	12,009	149.56	0.49
13.10	0.64	12,069	149.56	0.54
13.20	0.58	12,092	149.57	0.55
13.30	0.53	12,092	149.57	0.55
13.40	0.49	12,078	149.56	0.54
13.50	0.45	12,055	149.56	0.53
13.60	0.41	12,024	149.56	0.50
13.70	0.38	11,989	149.55	0.48
13.80	0.36	11,954	149.55	0.45
13.90	0.35	11,921	149.55	0.43
14.00	0.34	11,891	149.54	0.42
14.10	0.33	11,863	149.54	0.40
14.20	0.32	11,836	149.54	0.39
14.30	0.31	11,811	149.53	0.37
14.40	0.29	11,787	149.53	0.36
14.50	0.28	11,763	149.53	0.35
14.60	0.27	11,741	149.52	0.34
14.70	0.26	11,718	149.52	0.32
14.80	0.25	11,697	149.52	0.31
14.90	0.24	11,675	149.52	0.30
15.00	0.23	11,654	149.51	0.29
15.10	0.22	11,633	149.51	0.28
15.20	0.21	11,613	149.51	0.27
15.30	0.21	11,594	149.51	0.26
15.40	0.20	11,577	149.51	0.25
15.50	0.20	11,562	149.50	0.24

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	11,549	149.50	0.23
15.70	0.19	11,538	149.50	0.23
15.80	0.19	11,527	149.50	0.22
15.90	0.19	11,516	149.50	0.22
16.00	0.19	11,505	149.50	0.22
16.10	0.18	11,495	149.50	0.21
16.20	0.18	11,484	149.49	0.21
16.30	0.18	11,474	149.49	0.21
16.40	0.17	11,464	149.49	0.20
16.50	0.17	11,453	149.49	0.20
16.60	0.17	11,443	149.49	0.20
16.70	0.17	11,432	149.49	0.19
16.80	0.16	11,422	149.49	0.19
16.90	0.16	11,412	149.49	0.19
17.00	0.16	11,401	149.48	0.19
17.10	0.15	11,391	149.48	0.18
17.20	0.15	11,380	149.48	0.18
17.30	0.15	11,370	149.48	0.18
17.40	0.15	11,360	149.48	0.17
17.50	0.14	11,349	149.48	0.17
17.60	0.14	11,339	149.48	0.17
17.70	0.14	11,328	149.48	0.17
17.80	0.13	11,318	149.47	0.16
17.90	0.13	11,308	149.47	0.16
18.00	0.13	11,297	149.47	0.16
18.10	0.13	11,287	149.47	0.15
18.20	0.12	11,276	149.47	0.15
18.30	0.12	11,265	149.47	0.15
18.40	0.12	11,254	149.47	0.15
18.50	0.12	11,242	149.47	0.15
18.60	0.12	11,231	149.46	0.15
18.70	0.12	11,219	149.46	0.15
18.80	0.12	11,207	149.46	0.15
18.90	0.12	11,194	149.46	0.15
19.00	0.12	11,182	149.46	0.15
19.10	0.12	11,169	149.46	0.15
19.20	0.12	11,156	149.46	0.15
19.30	0.11	11,143	149.45	0.15
19.40	0.11	11,130	149.45	0.15
19.50	0.11	11,116	149.45	0.15
19.60	0.11	11,102	149.45	0.15
19.70	0.11	11,088	149.45	0.15
19.80	0.11	11,074	149.45	0.15
19.90	0.11	11,060	149.44	0.15
20.00	0.11	11,045	149.44	0.15
20.10	0.11	11,031	149.44	0.15
20.20	0.11	11,016	149.44	0.15
20.30	0.11	11,000	149.44	0.15
20.40	0.11	10,985	149.43	0.15
20.50	0.11	10,970	149.43	0.15
20.60	0.11	10,954	149.43	0.15
20.70	0.10	10,938	149.43	0.15

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	10,922	149.43	0.15
20.90	0.10	10,905	149.43	0.15
21.00	0.10	10,889	149.42	0.15
21.10	0.10	10,872	149.42	0.15
21.20	0.10	10,855	149.42	0.15
21.30	0.10	10,838	149.42	0.15
21.40	0.10	10,821	149.42	0.15
21.50	0.10	10,803	149.41	0.15
21.60	0.10	10,786	149.41	0.15
21.70	0.10	10,768	149.41	0.15
21.80	0.10	10,749	149.41	0.15
21.90	0.10	10,731	149.40	0.15
22.00	0.09	10,713	149.40	0.15
22.10	0.09	10,694	149.40	0.15
22.20	0.09	10,675	149.40	0.15
22.30	0.09	10,656	149.40	0.15
22.40	0.09	10,637	149.39	0.15
22.50	0.09	10,618	149.39	0.15
22.60	0.09	10,598	149.39	0.15
22.70	0.09	10,578	149.39	0.15
22.80	0.09	10,558	149.38	0.14
22.90	0.09	10,538	149.38	0.14
23.00	0.09	10,518	149.38	0.14
23.10	0.09	10,497	149.38	0.14
23.20	0.09	10,476	149.37	0.14
23.30	0.09	10,455	149.37	0.14
23.40	0.08	10,434	149.37	0.14
23.50	0.08	10,413	149.37	0.14
23.60	0.08	10,392	149.36	0.14
23.70	0.08	10,370	149.36	0.14
23.80	0.08	10,348	149.36	0.14
23.90	0.08	10,326	149.36	0.14
24.00	0.08	10,304	149.35	0.14
24.10	0.07	10,283	149.35	0.14
24.20	0.02	10,248	149.35	0.14
24.30	0.00	10,201	149.34	0.14
24.40	0.00	10,152	149.34	0.14
24.50	0.00	10,102	149.33	0.14
24.60	0.00	10,051	149.32	0.14
24.70	0.00	10,001	149.32	0.14
24.80	0.00	9,952	149.31	0.14
24.90	0.00	9,902	149.30	0.14
25.00	0.00	9,853	149.30	0.14
25.10	0.00	9,804	149.29	0.14
25.20	0.00	9,755	149.29	0.14
25.30	0.00	9,706	149.28	0.14
25.40	0.00	9,657	149.28	0.13
25.50	0.00	9,609	149.27	0.13
25.60	0.00	9,561	149.26	0.13
25.70	0.00	9,513	149.26	0.13
25.80	0.00	9,465	149.25	0.13
25.90	0.00	9,418	149.25	0.13

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,371	149.24	0.13
26.10	0.00	9,324	149.23	0.13
26.20	0.00	9,277	149.23	0.13
26.30	0.00	9,230	149.22	0.13
26.40	0.00	9,184	149.22	0.13
26.50	0.00	9,138	149.21	0.13
26.60	0.00	9,092	149.21	0.13
26.70	0.00	9,046	149.20	0.13
26.80	0.00	9,001	149.20	0.13
26.90	0.00	8,955	149.19	0.13
27.00	0.00	8,910	149.18	0.12
27.10	0.00	8,865	149.18	0.12
27.20	0.00	8,821	149.17	0.12
27.30	0.00	8,776	149.17	0.12
27.40	0.00	8,732	149.16	0.12
27.50	0.00	8,688	149.16	0.12
27.60	0.00	8,644	149.15	0.12
27.70	0.00	8,601	149.15	0.12
27.80	0.00	8,557	149.14	0.12
27.90	0.00	8,514	149.14	0.12
28.00	0.00	8,471	149.13	0.12
28.10	0.00	8,428	149.12	0.12
28.20	0.00	8,386	149.12	0.12
28.30	0.00	8,344	149.11	0.12
28.40	0.00	8,302	149.11	0.12
28.50	0.00	8,260	149.10	0.12
28.60	0.00	8,218	149.10	0.12
28.70	0.00	8,177	149.09	0.11
28.80	0.00	8,136	149.09	0.11
28.90	0.00	8,095	149.08	0.11
29.00	0.00	8,054	149.08	0.11
29.10	0.00	8,013	149.07	0.11
29.20	0.00	7,973	149.07	0.11
29.30	0.00	7,933	149.06	0.11
29.40	0.00	7,893	149.06	0.11
29.50	0.00	7,853	149.05	0.11
29.60	0.00	7,814	149.05	0.11
29.70	0.00	7,775	149.04	0.11
29.80	0.00	7,735	149.04	0.11
29.90	0.00	7,697	149.03	0.11
30.00	0.00	7,658	149.03	0.11
30.10	0.00	7,620	149.02	0.11
30.20	0.00	7,582	149.02	0.11
30.30	0.00	7,544	149.01	0.11
30.40	0.00	7,506	149.01	0.10
30.50	0.00	7,468	149.00	0.10
30.60	0.00	7,431	149.00	0.10
30.70	0.00	7,394	149.00	0.10
30.80	0.00	7,357	148.99	0.10
30.90	0.00	7,321	148.99	0.10
31.00	0.00	7,284	148.98	0.10
31.10	0.00	7,248	148.98	0.10

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,212	148.97	0.10
31.30	0.00	7,177	148.97	0.10
31.40	0.00	7,141	148.96	0.10
31.50	0.00	7,106	148.96	0.10
31.60	0.00	7,071	148.95	0.10
31.70	0.00	7,036	148.95	0.10
31.80	0.00	7,001	148.95	0.10
31.90	0.00	6,967	148.94	0.10
32.00	0.00	6,933	148.94	0.09
32.10	0.00	6,899	148.93	0.09
32.20	0.00	6,865	148.93	0.09
32.30	0.00	6,832	148.92	0.09
32.40	0.00	6,798	148.92	0.09
32.50	0.00	6,765	148.92	0.09
32.60	0.00	6,732	148.91	0.09
32.70	0.00	6,700	148.91	0.09
32.80	0.00	6,667	148.90	0.09
32.90	0.00	6,635	148.90	0.09
33.00	0.00	6,603	148.89	0.09
33.10	0.00	6,571	148.89	0.09
33.20	0.00	6,540	148.89	0.09
33.30	0.00	6,509	148.88	0.09
33.40	0.00	6,478	148.88	0.09
33.50	0.00	6,447	148.87	0.09
33.60	0.00	6,416	148.87	0.08
33.70	0.00	6,386	148.87	0.08
33.80	0.00	6,356	148.86	0.08
33.90	0.00	6,326	148.86	0.08
34.00	0.00	6,296	148.86	0.08
34.10	0.00	6,267	148.85	0.08
34.20	0.00	6,237	148.85	0.08
34.30	0.00	6,208	148.84	0.08
34.40	0.00	6,179	148.84	0.08
34.50	0.00	6,151	148.84	0.08
34.60	0.00	6,122	148.83	0.08
34.70	0.00	6,094	148.83	0.08
34.80	0.00	6,066	148.83	0.08
34.90	0.00	6,039	148.82	0.08
35.00	0.00	6,011	148.82	0.08
35.10	0.00	5,984	148.82	0.08
35.20	0.00	5,957	148.81	0.07
35.30	0.00	5,930	148.81	0.07
35.40	0.00	5,904	148.80	0.07
35.50	0.00	5,877	148.80	0.07
35.60	0.00	5,851	148.80	0.07
35.70	0.00	5,825	148.79	0.07
35.80	0.00	5,800	148.79	0.07
35.90	0.00	5,774	148.79	0.07
36.00	0.00	5,749	148.78	0.07
36.10	0.00	5,724	148.78	0.07
36.20	0.00	5,699	148.78	0.07
36.30	0.00	5,675	148.78	0.07

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,651	148.77	0.07
36.50	0.00	5,627	148.77	0.07
36.60	0.00	5,603	148.77	0.07
36.70	0.00	5,579	148.76	0.07
36.80	0.00	5,556	148.76	0.06
36.90	0.00	5,533	148.76	0.06
37.00	0.00	5,510	148.75	0.06
37.10	0.00	5,487	148.75	0.06
37.20	0.00	5,464	148.75	0.06
37.30	0.00	5,442	148.75	0.06
37.40	0.00	5,420	148.74	0.06
37.50	0.00	5,398	148.74	0.06
37.60	0.00	5,377	148.74	0.06
37.70	0.00	5,355	148.73	0.06
37.80	0.00	5,334	148.73	0.06
37.90	0.00	5,313	148.73	0.06
38.00	0.00	5,293	148.73	0.06
38.10	0.00	5,272	148.72	0.06
38.20	0.00	5,252	148.72	0.06
38.30	0.00	5,232	148.72	0.06
38.40	0.00	5,212	148.72	0.05
38.50	0.00	5,193	148.71	0.05
38.60	0.00	5,173	148.71	0.05
38.70	0.00	5,154	148.71	0.05
38.80	0.00	5,135	148.71	0.05
38.90	0.00	5,117	148.70	0.05
39.00	0.00	5,098	148.70	0.05
39.10	0.00	5,080	148.70	0.05
39.20	0.00	5,062	148.70	0.05
39.30	0.00	5,044	148.69	0.05
39.40	0.00	5,026	148.69	0.05
39.50	0.00	5,009	148.69	0.05
39.60	0.00	4,992	148.69	0.05
39.70	0.00	4,976	148.68	0.05
39.80	0.00	4,959	148.68	0.05
39.90	0.00	4,943	148.68	0.04
40.00	0.00	4,927	148.68	0.04

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 2.20" for Future 2 yr event
 Inflow = 5.50 cfs @ 12.17 hrs, Volume= 0.449 af
 Outflow = 1.10 cfs @ 12.67 hrs, Volume= 0.362 af, Atten= 80%, Lag= 29.8 min
 Primary = 1.10 cfs @ 12.67 hrs, Volume= 0.362 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.64' @ 12.67 hrs Surf.Area= 7,216 sf Storage= 10,439 cf

Plug-Flow detention time= 331.8 min calculated for 0.362 af (81% of inflow)
 Center-of-Mass det. time= 250.6 min (1,053.2 - 802.7)

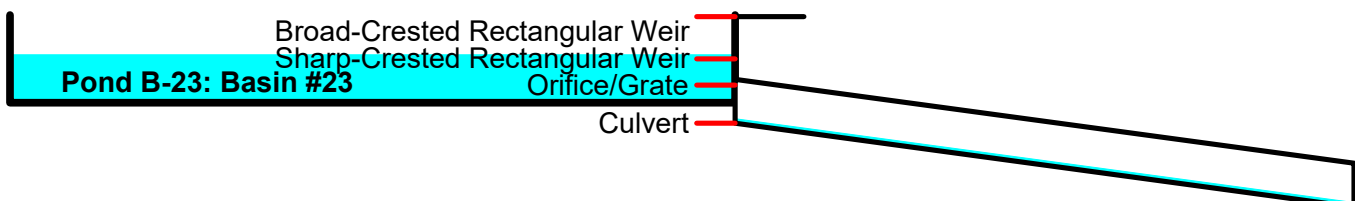
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

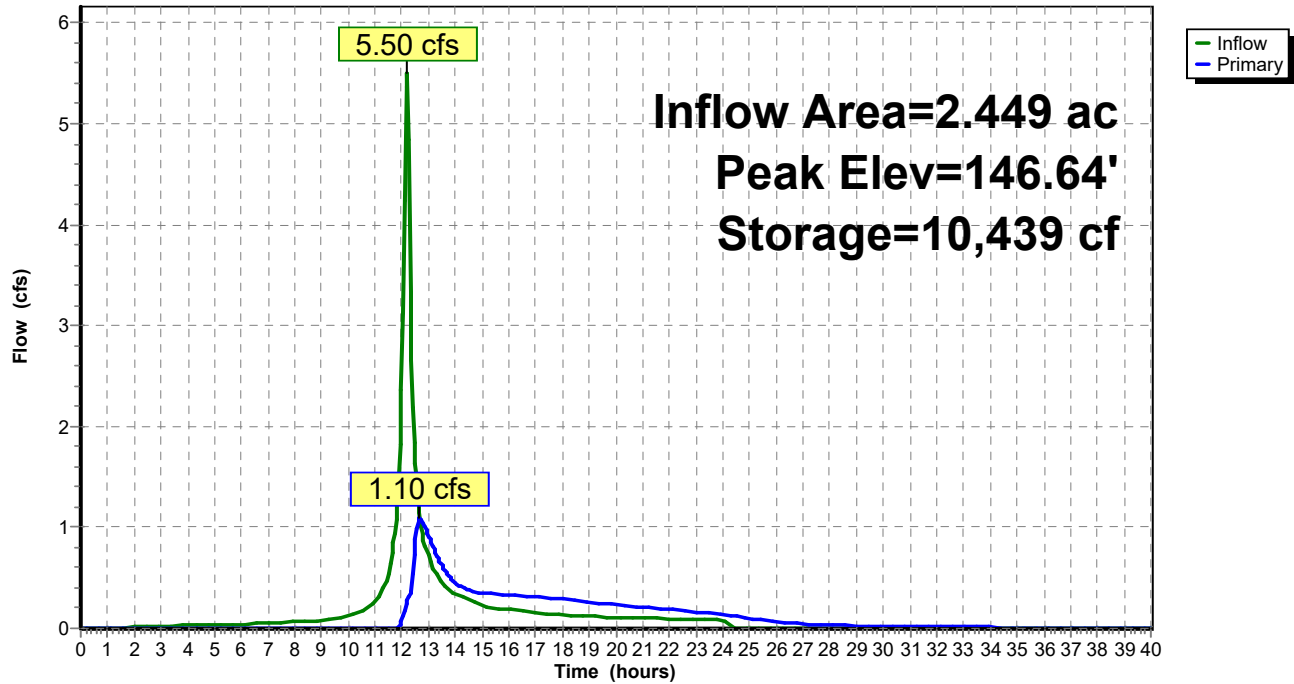
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.09 cfs @ 12.67 hrs HW=146.64' (Free Discharge)

1=Culvert (Passes 1.09 cfs of 10.74 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.39 cfs @ 4.48 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 0.70 cfs @ 1.23 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23**Hydrograph**

Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	0	145.00	0.00
0.60	0.00	0	145.00	0.00
0.70	0.00	0	145.00	0.00
0.80	0.00	0	145.00	0.00
0.90	0.00	0	145.00	0.00
1.00	0.00	0	145.00	0.00
1.10	0.00	0	145.00	0.00
1.20	0.00	0	145.00	0.00
1.30	0.00	1	145.00	0.00
1.40	0.00	2	145.00	0.00
1.50	0.01	4	145.00	0.00
1.60	0.01	6	145.00	0.00
1.70	0.01	8	145.00	0.00
1.80	0.01	11	145.00	0.00
1.90	0.01	15	145.00	0.00
2.00	0.01	19	145.00	0.00
2.10	0.01	23	145.00	0.00
2.20	0.01	28	145.01	0.00
2.30	0.01	33	145.01	0.00
2.40	0.02	38	145.01	0.00
2.50	0.02	44	145.01	0.00
2.60	0.02	50	145.01	0.00
2.70	0.02	57	145.01	0.00
2.80	0.02	63	145.01	0.00
2.90	0.02	71	145.01	0.00
3.00	0.02	78	145.01	0.00
3.10	0.02	86	145.02	0.00
3.20	0.02	94	145.02	0.00
3.30	0.02	102	145.02	0.00
3.40	0.02	111	145.02	0.00
3.50	0.03	120	145.02	0.00
3.60	0.03	129	145.02	0.00
3.70	0.03	139	145.03	0.00
3.80	0.03	148	145.03	0.00
3.90	0.03	158	145.03	0.00
4.00	0.03	169	145.03	0.00
4.10	0.03	179	145.03	0.00
4.20	0.03	190	145.03	0.00
4.30	0.03	201	145.04	0.00
4.40	0.03	212	145.04	0.00
4.50	0.03	224	145.04	0.00
4.60	0.03	235	145.04	0.00
4.70	0.03	247	145.04	0.00
4.80	0.03	260	145.05	0.00
4.90	0.03	272	145.05	0.00
5.00	0.04	285	145.05	0.00
5.10	0.04	297	145.05	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	310	145.06	0.00
5.30	0.04	324	145.06	0.00
5.40	0.04	337	145.06	0.00
5.50	0.04	351	145.06	0.00
5.60	0.04	365	145.07	0.00
5.70	0.04	379	145.07	0.00
5.80	0.04	393	145.07	0.00
5.90	0.04	407	145.07	0.00
6.00	0.04	422	145.08	0.00
6.10	0.04	437	145.08	0.00
6.20	0.04	452	145.08	0.00
6.30	0.04	468	145.08	0.00
6.40	0.05	484	145.09	0.00
6.50	0.05	500	145.09	0.00
6.60	0.05	517	145.09	0.00
6.70	0.05	535	145.10	0.00
6.80	0.05	553	145.10	0.00
6.90	0.05	571	145.10	0.00
7.00	0.05	590	145.11	0.00
7.10	0.05	610	145.11	0.00
7.20	0.06	630	145.11	0.00
7.30	0.06	650	145.12	0.00
7.40	0.06	671	145.12	0.00
7.50	0.06	692	145.12	0.00
7.60	0.06	714	145.13	0.00
7.70	0.06	737	145.13	0.00
7.80	0.06	760	145.14	0.00
7.90	0.07	783	145.14	0.00
8.00	0.07	807	145.14	0.00
8.10	0.07	831	145.15	0.00
8.20	0.07	856	145.15	0.00
8.30	0.07	881	145.16	0.00
8.40	0.07	907	145.16	0.00
8.50	0.07	934	145.17	0.00
8.60	0.08	961	145.17	0.00
8.70	0.08	988	145.18	0.00
8.80	0.08	1,016	145.18	0.00
8.90	0.08	1,044	145.19	0.00
9.00	0.08	1,073	145.19	0.00
9.10	0.08	1,102	145.20	0.00
9.20	0.09	1,133	145.20	0.00
9.30	0.09	1,165	145.21	0.00
9.40	0.10	1,199	145.21	0.00
9.50	0.10	1,234	145.22	0.00
9.60	0.11	1,271	145.23	0.00
9.70	0.11	1,310	145.23	0.00
9.80	0.11	1,351	145.24	0.00
9.90	0.12	1,393	145.25	0.00
10.00	0.12	1,437	145.25	0.00
10.10	0.13	1,482	145.26	0.00
10.20	0.14	1,530	145.27	0.00
10.30	0.14	1,580	145.28	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,633	145.29	0.00
10.50	0.16	1,689	145.30	0.00
10.60	0.17	1,748	145.31	0.00
10.70	0.19	1,814	145.32	0.00
10.80	0.22	1,887	145.33	0.00
10.90	0.24	1,969	145.35	0.00
11.00	0.27	2,060	145.36	0.00
11.10	0.30	2,162	145.38	0.00
11.20	0.35	2,279	145.40	0.00
11.30	0.40	2,413	145.42	0.00
11.40	0.46	2,567	145.45	0.00
11.50	0.51	2,741	145.48	0.00
11.60	0.63	2,943	145.51	0.00
11.70	0.86	3,213	145.55	0.00
11.80	1.07	3,556	145.61	0.00
11.90	1.50	4,010	145.68	0.01
12.00	2.37	4,673	145.79	0.07
12.10	4.24	5,786	145.96	0.18
12.20	5.36	7,531	146.23	0.28
12.30	3.33	8,982	146.44	0.34
12.40	2.19	9,810	146.56	0.54
12.50	1.63	10,226	146.61	0.88
12.60	1.33	10,407	146.64	1.06
12.70	1.01	10,434	146.64	1.09
12.80	0.88	10,386	146.64	1.04
12.90	0.79	10,323	146.63	0.98
13.00	0.72	10,254	146.62	0.91
13.10	0.64	10,183	146.61	0.85
13.20	0.58	10,110	146.60	0.78
13.30	0.53	10,040	146.59	0.72
13.40	0.49	9,975	146.58	0.67
13.50	0.45	9,912	146.57	0.62
13.60	0.41	9,852	146.56	0.57
13.70	0.37	9,794	146.55	0.53
13.80	0.36	9,740	146.55	0.50
13.90	0.35	9,692	146.54	0.47
14.00	0.34	9,650	146.53	0.45
14.10	0.33	9,612	146.53	0.43
14.20	0.31	9,576	146.52	0.41
14.30	0.30	9,541	146.52	0.40
14.40	0.29	9,506	146.51	0.39
14.50	0.28	9,472	146.51	0.38
14.60	0.27	9,439	146.50	0.37
14.70	0.26	9,406	146.50	0.36
14.80	0.25	9,370	146.49	0.36
14.90	0.24	9,330	146.49	0.35
15.00	0.23	9,288	146.48	0.35
15.10	0.22	9,242	146.48	0.35
15.20	0.21	9,193	146.47	0.35
15.30	0.21	9,142	146.46	0.35
15.40	0.20	9,091	146.45	0.35
15.50	0.20	9,039	146.45	0.34

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	8,987	146.44	0.34
15.70	0.19	8,934	146.43	0.34
15.80	0.19	8,881	146.42	0.34
15.90	0.19	8,828	146.42	0.34
16.00	0.19	8,775	146.41	0.33
16.10	0.18	8,721	146.40	0.33
16.20	0.18	8,668	146.39	0.33
16.30	0.18	8,614	146.39	0.33
16.40	0.17	8,559	146.38	0.33
16.50	0.17	8,504	146.37	0.32
16.60	0.17	8,449	146.36	0.32
16.70	0.17	8,394	146.35	0.32
16.80	0.16	8,339	146.35	0.32
16.90	0.16	8,283	146.34	0.31
17.00	0.16	8,227	146.33	0.31
17.10	0.15	8,172	146.32	0.31
17.20	0.15	8,115	146.31	0.31
17.30	0.15	8,059	146.30	0.31
17.40	0.15	8,002	146.30	0.30
17.50	0.14	7,945	146.29	0.30
17.60	0.14	7,888	146.28	0.30
17.70	0.14	7,831	146.27	0.30
17.80	0.13	7,774	146.26	0.29
17.90	0.13	7,717	146.25	0.29
18.00	0.13	7,659	146.25	0.29
18.10	0.12	7,602	146.24	0.29
18.20	0.12	7,544	146.23	0.28
18.30	0.12	7,486	146.22	0.28
18.40	0.12	7,430	146.21	0.28
18.50	0.12	7,374	146.20	0.27
18.60	0.12	7,318	146.20	0.27
18.70	0.12	7,263	146.19	0.27
18.80	0.12	7,209	146.18	0.27
18.90	0.12	7,156	146.17	0.26
19.00	0.12	7,104	146.16	0.26
19.10	0.12	7,052	146.16	0.26
19.20	0.11	7,000	146.15	0.26
19.30	0.11	6,950	146.14	0.25
19.40	0.11	6,900	146.13	0.25
19.50	0.11	6,851	146.13	0.25
19.60	0.11	6,802	146.12	0.25
19.70	0.11	6,755	146.11	0.24
19.80	0.11	6,708	146.10	0.24
19.90	0.11	6,661	146.10	0.24
20.00	0.11	6,616	146.09	0.24
20.10	0.11	6,571	146.08	0.23
20.20	0.11	6,526	146.08	0.23
20.30	0.11	6,482	146.07	0.23
20.40	0.11	6,439	146.06	0.23
20.50	0.11	6,397	146.06	0.22
20.60	0.11	6,355	146.05	0.22
20.70	0.10	6,314	146.04	0.22

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	6,273	146.04	0.22
20.90	0.10	6,234	146.03	0.21
21.00	0.10	6,194	146.03	0.21
21.10	0.10	6,156	146.02	0.21
21.20	0.10	6,118	146.02	0.21
21.30	0.10	6,080	146.01	0.20
21.40	0.10	6,044	146.00	0.20
21.50	0.10	6,008	146.00	0.20
21.60	0.10	5,972	145.99	0.20
21.70	0.10	5,937	145.99	0.19
21.80	0.10	5,903	145.98	0.19
21.90	0.10	5,870	145.98	0.19
22.00	0.09	5,837	145.97	0.19
22.10	0.09	5,804	145.97	0.18
22.20	0.09	5,773	145.96	0.18
22.30	0.09	5,741	145.96	0.18
22.40	0.09	5,711	145.95	0.18
22.50	0.09	5,681	145.95	0.17
22.60	0.09	5,651	145.94	0.17
22.70	0.09	5,622	145.94	0.17
22.80	0.09	5,593	145.93	0.17
22.90	0.09	5,565	145.93	0.17
23.00	0.09	5,537	145.93	0.16
23.10	0.09	5,510	145.92	0.16
23.20	0.09	5,484	145.92	0.16
23.30	0.09	5,458	145.91	0.16
23.40	0.08	5,433	145.91	0.15
23.50	0.08	5,408	145.91	0.15
23.60	0.08	5,384	145.90	0.15
23.70	0.08	5,361	145.90	0.15
23.80	0.08	5,338	145.89	0.14
23.90	0.08	5,316	145.89	0.14
24.00	0.08	5,295	145.89	0.14
24.10	0.07	5,275	145.88	0.14
24.20	0.02	5,242	145.88	0.13
24.30	0.00	5,199	145.87	0.13
24.40	0.00	5,154	145.87	0.12
24.50	0.00	5,111	145.86	0.12
24.60	0.00	5,069	145.85	0.11
24.70	0.00	5,028	145.85	0.11
24.80	0.00	4,990	145.84	0.11
24.90	0.00	4,953	145.83	0.10
25.00	0.00	4,917	145.83	0.10
25.10	0.00	4,883	145.82	0.09
25.20	0.00	4,850	145.82	0.09
25.30	0.00	4,819	145.81	0.09
25.40	0.00	4,789	145.81	0.08
25.50	0.00	4,760	145.80	0.08
25.60	0.00	4,732	145.80	0.08
25.70	0.00	4,705	145.80	0.07
25.80	0.00	4,679	145.79	0.07
25.90	0.00	4,654	145.79	0.07

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,630	145.78	0.07
26.10	0.00	4,607	145.78	0.06
26.20	0.00	4,585	145.78	0.06
26.30	0.00	4,563	145.77	0.06
26.40	0.00	4,543	145.77	0.06
26.50	0.00	4,523	145.77	0.05
26.60	0.00	4,504	145.76	0.05
26.70	0.00	4,485	145.76	0.05
26.80	0.00	4,467	145.76	0.05
26.90	0.00	4,450	145.75	0.05
27.00	0.00	4,433	145.75	0.05
27.10	0.00	4,417	145.75	0.04
27.20	0.00	4,401	145.75	0.04
27.30	0.00	4,386	145.74	0.04
27.40	0.00	4,371	145.74	0.04
27.50	0.00	4,357	145.74	0.04
27.60	0.00	4,343	145.74	0.04
27.70	0.00	4,330	145.74	0.04
27.80	0.00	4,317	145.73	0.04
27.90	0.00	4,304	145.73	0.03
28.00	0.00	4,292	145.73	0.03
28.10	0.00	4,280	145.73	0.03
28.20	0.00	4,269	145.73	0.03
28.30	0.00	4,257	145.72	0.03
28.40	0.00	4,247	145.72	0.03
28.50	0.00	4,236	145.72	0.03
28.60	0.00	4,226	145.72	0.03
28.70	0.00	4,216	145.72	0.03
28.80	0.00	4,206	145.72	0.03
28.90	0.00	4,197	145.71	0.03
29.00	0.00	4,188	145.71	0.03
29.10	0.00	4,179	145.71	0.02
29.20	0.00	4,170	145.71	0.02
29.30	0.00	4,161	145.71	0.02
29.40	0.00	4,153	145.71	0.02
29.50	0.00	4,145	145.71	0.02
29.60	0.00	4,137	145.70	0.02
29.70	0.00	4,129	145.70	0.02
29.80	0.00	4,121	145.70	0.02
29.90	0.00	4,114	145.70	0.02
30.00	0.00	4,107	145.70	0.02
30.10	0.00	4,100	145.70	0.02
30.20	0.00	4,093	145.70	0.02
30.30	0.00	4,086	145.70	0.02
30.40	0.00	4,080	145.70	0.02
30.50	0.00	4,073	145.69	0.02
30.60	0.00	4,067	145.69	0.02
30.70	0.00	4,061	145.69	0.02
30.80	0.00	4,055	145.69	0.02
30.90	0.00	4,049	145.69	0.02
31.00	0.00	4,044	145.69	0.02
31.10	0.00	4,038	145.69	0.02

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,033	145.69	0.01
31.30	0.00	4,028	145.69	0.01
31.40	0.00	4,022	145.69	0.01
31.50	0.00	4,017	145.69	0.01
31.60	0.00	4,012	145.68	0.01
31.70	0.00	4,007	145.68	0.01
31.80	0.00	4,002	145.68	0.01
31.90	0.00	3,998	145.68	0.01
32.00	0.00	3,993	145.68	0.01
32.10	0.00	3,988	145.68	0.01
32.20	0.00	3,984	145.68	0.01
32.30	0.00	3,979	145.68	0.01
32.40	0.00	3,975	145.68	0.01
32.50	0.00	3,971	145.68	0.01
32.60	0.00	3,966	145.68	0.01
32.70	0.00	3,962	145.68	0.01
32.80	0.00	3,958	145.68	0.01
32.90	0.00	3,954	145.68	0.01
33.00	0.00	3,950	145.67	0.01
33.10	0.00	3,946	145.67	0.01
33.20	0.00	3,943	145.67	0.01
33.30	0.00	3,939	145.67	0.01
33.40	0.00	3,935	145.67	0.01
33.50	0.00	3,932	145.67	0.01
33.60	0.00	3,928	145.67	0.01
33.70	0.00	3,925	145.67	0.01
33.80	0.00	3,921	145.67	0.01
33.90	0.00	3,918	145.67	0.01
34.00	0.00	3,915	145.67	0.01
34.10	0.00	3,911	145.67	0.01
34.20	0.00	3,908	145.67	0.01
34.30	0.00	3,905	145.67	0.01
34.40	0.00	3,902	145.67	0.01
34.50	0.00	3,899	145.67	0.01
34.60	0.00	3,896	145.67	0.01
34.70	0.00	3,893	145.67	0.01
34.80	0.00	3,890	145.67	0.01
34.90	0.00	3,888	145.66	0.01
35.00	0.00	3,885	145.66	0.01
35.10	0.00	3,882	145.66	0.01
35.20	0.00	3,880	145.66	0.01
35.30	0.00	3,877	145.66	0.01
35.40	0.00	3,874	145.66	0.01
35.50	0.00	3,872	145.66	0.01
35.60	0.00	3,870	145.66	0.01
35.70	0.00	3,867	145.66	0.01
35.80	0.00	3,865	145.66	0.01
35.90	0.00	3,862	145.66	0.01
36.00	0.00	3,860	145.66	0.01
36.10	0.00	3,858	145.66	0.01
36.20	0.00	3,856	145.66	0.01
36.30	0.00	3,853	145.66	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,851	145.66	0.01
36.50	0.00	3,849	145.66	0.01
36.60	0.00	3,847	145.66	0.01
36.70	0.00	3,845	145.66	0.01
36.80	0.00	3,843	145.66	0.01
36.90	0.00	3,841	145.66	0.01
37.00	0.00	3,839	145.66	0.01
37.10	0.00	3,837	145.66	0.01
37.20	0.00	3,835	145.66	0.01
37.30	0.00	3,833	145.66	0.01
37.40	0.00	3,831	145.66	0.01
37.50	0.00	3,829	145.66	0.01
37.60	0.00	3,827	145.65	0.01
37.70	0.00	3,825	145.65	0.01
37.80	0.00	3,823	145.65	0.01
37.90	0.00	3,821	145.65	0.01
38.00	0.00	3,819	145.65	0.01
38.10	0.00	3,817	145.65	0.01
38.20	0.00	3,816	145.65	0.01
38.30	0.00	3,814	145.65	0.00
38.40	0.00	3,812	145.65	0.00
38.50	0.00	3,810	145.65	0.00
38.60	0.00	3,808	145.65	0.00
38.70	0.00	3,807	145.65	0.00
38.80	0.00	3,805	145.65	0.00
38.90	0.00	3,803	145.65	0.00
39.00	0.00	3,802	145.65	0.00
39.10	0.00	3,800	145.65	0.00
39.20	0.00	3,798	145.65	0.00
39.30	0.00	3,797	145.65	0.00
39.40	0.00	3,795	145.65	0.00
39.50	0.00	3,793	145.65	0.00
39.60	0.00	3,792	145.65	0.00
39.70	0.00	3,790	145.65	0.00
39.80	0.00	3,789	145.65	0.00
39.90	0.00	3,787	145.65	0.00
40.00	0.00	3,786	145.65	0.00

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 2.28" for Future 2 yr event
 Inflow = 5.59 cfs @ 12.17 hrs, Volume= 0.458 af
 Outflow = 0.53 cfs @ 13.31 hrs, Volume= 0.361 af, Atten= 91%, Lag= 68.0 min
 Primary = 0.53 cfs @ 13.31 hrs, Volume= 0.361 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.31' @ 13.31 hrs Surf.Area= 9,674 sf Storage= 11,744 cf

Plug-Flow detention time= 360.4 min calculated for 0.361 af (79% of inflow)
 Center-of-Mass det. time= 273.5 min (1,072.0 - 798.5)

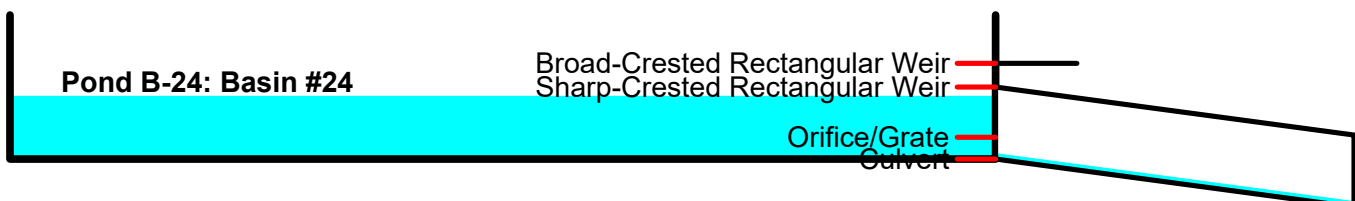
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

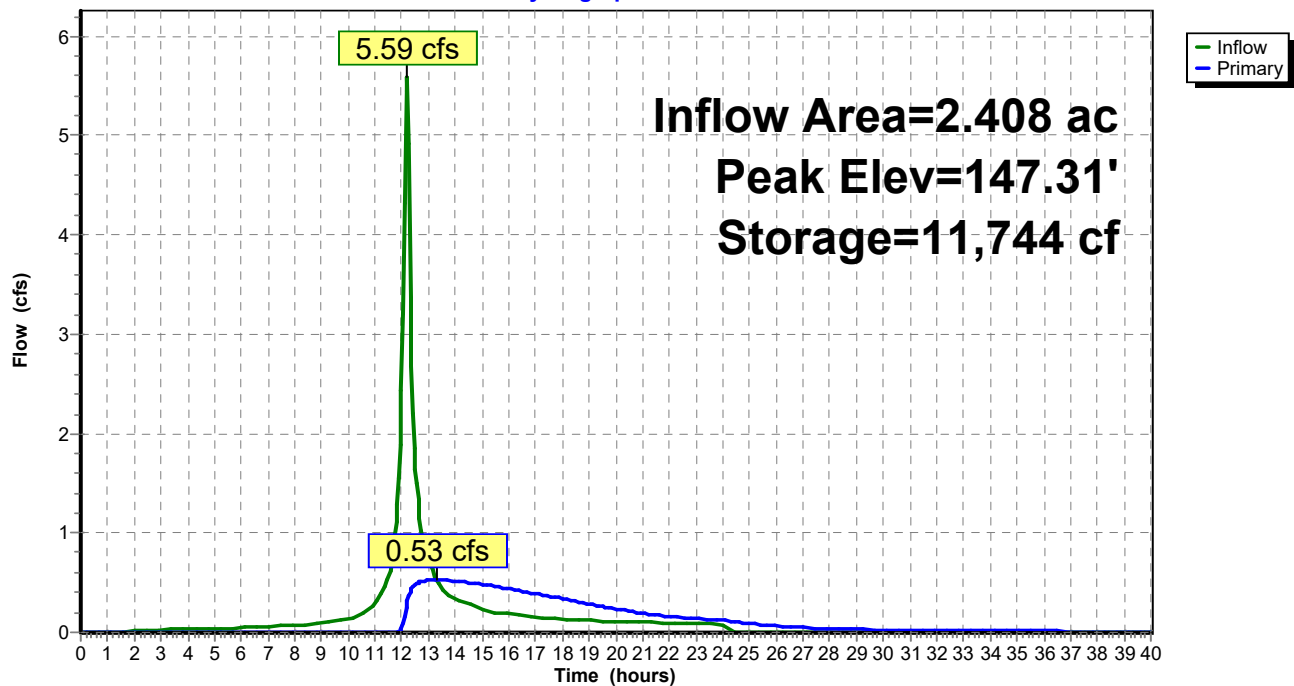
Primary OutFlow Max=0.53 cfs @ 13.31 hrs HW=147.31' (Free Discharge)

1=Culvert (Passes 0.53 cfs of 6.35 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.53 cfs @ 3.87 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	0	146.00	0.00
0.60	0.00	0	146.00	0.00
0.70	0.00	0	146.00	0.00
0.80	0.00	0	146.00	0.00
0.90	0.00	0	146.00	0.00
1.00	0.00	0	146.00	0.00
1.10	0.00	0	146.00	0.00
1.20	0.00	0	146.00	0.00
1.30	0.00	1	146.00	0.00
1.40	0.00	2	146.00	0.00
1.50	0.01	4	146.00	0.00
1.60	0.01	6	146.00	0.00
1.70	0.01	9	146.00	0.00
1.80	0.01	13	146.00	0.00
1.90	0.01	16	146.00	0.00
2.00	0.01	21	146.00	0.00
2.10	0.01	25	146.00	0.00
2.20	0.01	30	146.00	0.00
2.30	0.02	36	146.00	0.00
2.40	0.02	42	146.01	0.00
2.50	0.02	48	146.01	0.00
2.60	0.02	55	146.01	0.00
2.70	0.02	62	146.01	0.00
2.80	0.02	70	146.01	0.00
2.90	0.02	77	146.01	0.00
3.00	0.02	86	146.01	0.00
3.10	0.02	94	146.01	0.00
3.20	0.03	103	146.01	0.00
3.30	0.03	112	146.01	0.00
3.40	0.03	122	146.01	0.00
3.50	0.03	131	146.02	0.00
3.60	0.03	142	146.02	0.00
3.70	0.03	152	146.02	0.00
3.80	0.03	163	146.02	0.00
3.90	0.03	174	146.02	0.00
4.00	0.03	185	146.02	0.00
4.10	0.03	197	146.02	0.00
4.20	0.03	208	146.02	0.00
4.30	0.03	220	146.03	0.00
4.40	0.03	233	146.03	0.00
4.50	0.04	245	146.03	0.00
4.60	0.04	258	146.03	0.00
4.70	0.04	271	146.03	0.00
4.80	0.04	285	146.03	0.00
4.90	0.04	298	146.04	0.00
5.00	0.04	312	146.04	0.00
5.10	0.04	326	146.04	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	341	146.04	0.00
5.30	0.04	355	146.04	0.00
5.40	0.04	370	146.04	0.00
5.50	0.04	385	146.05	0.00
5.60	0.04	400	146.05	0.00
5.70	0.04	416	146.05	0.00
5.80	0.04	431	146.05	0.00
5.90	0.04	447	146.05	0.00
6.00	0.04	463	146.06	0.00
6.10	0.05	479	146.06	0.00
6.20	0.05	496	146.06	0.00
6.30	0.05	513	146.06	0.00
6.40	0.05	531	146.06	0.00
6.50	0.05	549	146.07	0.00
6.60	0.05	568	146.07	0.00
6.70	0.05	587	146.07	0.00
6.80	0.06	607	146.07	0.00
6.90	0.06	627	146.07	0.00
7.00	0.06	648	146.08	0.00
7.10	0.06	669	146.08	0.00
7.20	0.06	691	146.08	0.00
7.30	0.06	713	146.09	0.00
7.40	0.06	736	146.09	0.00
7.50	0.07	760	146.09	0.00
7.60	0.07	784	146.09	0.00
7.70	0.07	808	146.10	0.00
7.80	0.07	834	146.10	0.00
7.90	0.07	859	146.10	0.00
8.00	0.07	885	146.11	0.00
8.10	0.08	912	146.11	0.00
8.20	0.08	939	146.11	0.00
8.30	0.08	967	146.12	0.00
8.40	0.08	996	146.12	0.00
8.50	0.08	1,025	146.12	0.00
8.60	0.08	1,054	146.13	0.00
8.70	0.08	1,084	146.13	0.00
8.80	0.09	1,115	146.13	0.00
8.90	0.09	1,146	146.14	0.00
9.00	0.09	1,177	146.14	0.00
9.10	0.09	1,210	146.14	0.00
9.20	0.10	1,243	146.15	0.00
9.30	0.10	1,278	146.15	0.00
9.40	0.11	1,315	146.16	0.00
9.50	0.11	1,354	146.16	0.00
9.60	0.12	1,395	146.17	0.00
9.70	0.12	1,438	146.17	0.00
9.80	0.13	1,482	146.18	0.00
9.90	0.13	1,528	146.18	0.00
10.00	0.14	1,577	146.19	0.00
10.10	0.14	1,627	146.19	0.00
10.20	0.15	1,679	146.20	0.00
10.30	0.16	1,734	146.21	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,792	146.21	0.00
10.50	0.17	1,852	146.22	0.00
10.60	0.19	1,917	146.23	0.00
10.70	0.21	1,987	146.24	0.00
10.80	0.23	2,066	146.24	0.00
10.90	0.26	2,154	146.25	0.00
11.00	0.29	2,252	146.27	0.00
11.10	0.32	2,361	146.28	0.00
11.20	0.37	2,485	146.29	0.00
11.30	0.42	2,628	146.31	0.00
11.40	0.48	2,790	146.33	0.00
11.50	0.54	2,974	146.35	0.00
11.60	0.66	3,186	146.37	0.00
11.70	0.89	3,468	146.41	0.00
11.80	1.11	3,825	146.45	0.00
11.90	1.55	4,296	146.50	0.01
12.00	2.43	4,985	146.58	0.04
12.10	4.32	6,137	146.71	0.15
12.20	5.44	7,909	146.90	0.32
12.30	3.37	9,358	147.06	0.41
12.40	2.20	10,185	147.14	0.46
12.50	1.64	10,696	147.20	0.48
12.60	1.34	11,057	147.23	0.50
12.70	1.02	11,296	147.26	0.51
12.80	0.88	11,450	147.27	0.52
12.90	0.79	11,565	147.29	0.52
13.00	0.72	11,649	147.30	0.52
13.10	0.64	11,705	147.30	0.53
13.20	0.58	11,735	147.30	0.53
13.30	0.53	11,744	147.31	0.53
13.40	0.49	11,738	147.30	0.53
13.50	0.45	11,717	147.30	0.53
13.60	0.41	11,682	147.30	0.53
13.70	0.38	11,634	147.29	0.52
13.80	0.36	11,578	147.29	0.52
13.90	0.35	11,518	147.28	0.52
14.00	0.34	11,454	147.28	0.52
14.10	0.33	11,388	147.27	0.51
14.20	0.31	11,319	147.26	0.51
14.30	0.30	11,248	147.25	0.51
14.40	0.29	11,174	147.25	0.50
14.50	0.28	11,097	147.24	0.50
14.60	0.27	11,018	147.23	0.50
14.70	0.26	10,936	147.22	0.49
14.80	0.25	10,852	147.21	0.49
14.90	0.24	10,765	147.20	0.48
15.00	0.23	10,676	147.19	0.48
15.10	0.22	10,585	147.18	0.48
15.20	0.21	10,491	147.17	0.47
15.30	0.21	10,397	147.16	0.47
15.40	0.20	10,302	147.15	0.46
15.50	0.20	10,209	147.15	0.46

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	10,116	147.14	0.45
15.70	0.19	10,024	147.13	0.45
15.80	0.19	9,932	147.12	0.44
15.90	0.19	9,842	147.11	0.44
16.00	0.19	9,751	147.10	0.43
16.10	0.18	9,662	147.09	0.43
16.20	0.18	9,573	147.08	0.43
16.30	0.18	9,485	147.07	0.42
16.40	0.17	9,398	147.06	0.42
16.50	0.17	9,311	147.05	0.41
16.60	0.17	9,225	147.04	0.41
16.70	0.17	9,140	147.03	0.40
16.80	0.16	9,055	147.02	0.40
16.90	0.16	8,971	147.01	0.39
17.00	0.16	8,888	147.01	0.39
17.10	0.15	8,806	147.00	0.38
17.20	0.15	8,724	146.99	0.38
17.30	0.15	8,643	146.98	0.37
17.40	0.14	8,563	146.97	0.37
17.50	0.14	8,484	146.96	0.36
17.60	0.14	8,405	146.95	0.36
17.70	0.14	8,327	146.95	0.35
17.80	0.13	8,250	146.94	0.35
17.90	0.13	8,174	146.93	0.34
18.00	0.13	8,099	146.92	0.34
18.10	0.12	8,024	146.91	0.33
18.20	0.12	7,950	146.90	0.33
18.30	0.12	7,878	146.90	0.32
18.40	0.12	7,807	146.89	0.32
18.50	0.12	7,738	146.88	0.31
18.60	0.12	7,670	146.87	0.30
18.70	0.12	7,604	146.87	0.30
18.80	0.12	7,539	146.86	0.30
18.90	0.12	7,476	146.85	0.29
19.00	0.12	7,414	146.85	0.29
19.10	0.12	7,353	146.84	0.28
19.20	0.11	7,294	146.83	0.28
19.30	0.11	7,237	146.83	0.27
19.40	0.11	7,181	146.82	0.27
19.50	0.11	7,127	146.81	0.26
19.60	0.11	7,075	146.81	0.26
19.70	0.11	7,024	146.80	0.25
19.80	0.11	6,975	146.80	0.24
19.90	0.11	6,928	146.79	0.24
20.00	0.11	6,882	146.79	0.23
20.10	0.11	6,837	146.78	0.23
20.20	0.11	6,794	146.78	0.23
20.30	0.11	6,752	146.77	0.22
20.40	0.11	6,712	146.77	0.22
20.50	0.11	6,673	146.77	0.21
20.60	0.10	6,636	146.76	0.21
20.70	0.10	6,599	146.76	0.20

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	6,564	146.75	0.20
20.90	0.10	6,530	146.75	0.20
21.00	0.10	6,497	146.75	0.19
21.10	0.10	6,465	146.74	0.19
21.20	0.10	6,434	146.74	0.18
21.30	0.10	6,404	146.74	0.18
21.40	0.10	6,375	146.73	0.18
21.50	0.10	6,347	146.73	0.18
21.60	0.10	6,320	146.73	0.17
21.70	0.10	6,293	146.72	0.17
21.80	0.10	6,268	146.72	0.17
21.90	0.10	6,243	146.72	0.16
22.00	0.09	6,219	146.72	0.16
22.10	0.09	6,195	146.71	0.16
22.20	0.09	6,172	146.71	0.16
22.30	0.09	6,150	146.71	0.15
22.40	0.09	6,129	146.71	0.15
22.50	0.09	6,107	146.70	0.15
22.60	0.09	6,087	146.70	0.15
22.70	0.09	6,067	146.70	0.14
22.80	0.09	6,048	146.70	0.14
22.90	0.09	6,029	146.69	0.14
23.00	0.09	6,010	146.69	0.14
23.10	0.09	5,992	146.69	0.14
23.20	0.09	5,974	146.69	0.13
23.30	0.08	5,957	146.69	0.13
23.40	0.08	5,940	146.68	0.13
23.50	0.08	5,924	146.68	0.13
23.60	0.08	5,908	146.68	0.13
23.70	0.08	5,892	146.68	0.13
23.80	0.08	5,876	146.68	0.12
23.90	0.08	5,861	146.68	0.12
24.00	0.08	5,847	146.67	0.12
24.10	0.07	5,833	146.67	0.12
24.20	0.02	5,807	146.67	0.12
24.30	0.00	5,769	146.67	0.11
24.40	0.00	5,730	146.66	0.11
24.50	0.00	5,692	146.66	0.10
24.60	0.00	5,655	146.65	0.10
24.70	0.00	5,619	146.65	0.10
24.80	0.00	5,585	146.65	0.09
24.90	0.00	5,551	146.64	0.09
25.00	0.00	5,519	146.64	0.09
25.10	0.00	5,488	146.63	0.09
25.20	0.00	5,458	146.63	0.08
25.30	0.00	5,428	146.63	0.08
25.40	0.00	5,400	146.62	0.08
25.50	0.00	5,373	146.62	0.07
25.60	0.00	5,346	146.62	0.07
25.70	0.00	5,321	146.62	0.07
25.80	0.00	5,296	146.61	0.07
25.90	0.00	5,271	146.61	0.07

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,248	146.61	0.06
26.10	0.00	5,225	146.60	0.06
26.20	0.00	5,203	146.60	0.06
26.30	0.00	5,182	146.60	0.06
26.40	0.00	5,161	146.60	0.06
26.50	0.00	5,141	146.60	0.06
26.60	0.00	5,121	146.59	0.05
26.70	0.00	5,102	146.59	0.05
26.80	0.00	5,084	146.59	0.05
26.90	0.00	5,066	146.59	0.05
27.00	0.00	5,048	146.59	0.05
27.10	0.00	5,031	146.58	0.05
27.20	0.00	5,014	146.58	0.05
27.30	0.00	4,998	146.58	0.04
27.40	0.00	4,982	146.58	0.04
27.50	0.00	4,966	146.58	0.04
27.60	0.00	4,951	146.57	0.04
27.70	0.00	4,937	146.57	0.04
27.80	0.00	4,922	146.57	0.04
27.90	0.00	4,909	146.57	0.04
28.00	0.00	4,895	146.57	0.04
28.10	0.00	4,882	146.57	0.04
28.20	0.00	4,869	146.57	0.04
28.30	0.00	4,856	146.56	0.03
28.40	0.00	4,844	146.56	0.03
28.50	0.00	4,832	146.56	0.03
28.60	0.00	4,820	146.56	0.03
28.70	0.00	4,808	146.56	0.03
28.80	0.00	4,797	146.56	0.03
28.90	0.00	4,786	146.56	0.03
29.00	0.00	4,775	146.55	0.03
29.10	0.00	4,764	146.55	0.03
29.20	0.00	4,754	146.55	0.03
29.30	0.00	4,743	146.55	0.03
29.40	0.00	4,733	146.55	0.03
29.50	0.00	4,724	146.55	0.03
29.60	0.00	4,714	146.55	0.03
29.70	0.00	4,705	146.55	0.03
29.80	0.00	4,696	146.55	0.03
29.90	0.00	4,687	146.54	0.02
30.00	0.00	4,678	146.54	0.02
30.10	0.00	4,669	146.54	0.02
30.20	0.00	4,661	146.54	0.02
30.30	0.00	4,653	146.54	0.02
30.40	0.00	4,645	146.54	0.02
30.50	0.00	4,637	146.54	0.02
30.60	0.00	4,629	146.54	0.02
30.70	0.00	4,621	146.54	0.02
30.80	0.00	4,614	146.54	0.02
30.90	0.00	4,607	146.54	0.02
31.00	0.00	4,599	146.53	0.02
31.10	0.00	4,592	146.53	0.02

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,585	146.53	0.02
31.30	0.00	4,578	146.53	0.02
31.40	0.00	4,571	146.53	0.02
31.50	0.00	4,565	146.53	0.02
31.60	0.00	4,558	146.53	0.02
31.70	0.00	4,552	146.53	0.02
31.80	0.00	4,545	146.53	0.02
31.90	0.00	4,539	146.53	0.02
32.00	0.00	4,533	146.53	0.02
32.10	0.00	4,527	146.53	0.02
32.20	0.00	4,521	146.53	0.02
32.30	0.00	4,515	146.53	0.02
32.40	0.00	4,509	146.52	0.02
32.50	0.00	4,503	146.52	0.02
32.60	0.00	4,498	146.52	0.02
32.70	0.00	4,492	146.52	0.02
32.80	0.00	4,487	146.52	0.01
32.90	0.00	4,482	146.52	0.01
33.00	0.00	4,476	146.52	0.01
33.10	0.00	4,471	146.52	0.01
33.20	0.00	4,466	146.52	0.01
33.30	0.00	4,461	146.52	0.01
33.40	0.00	4,456	146.52	0.01
33.50	0.00	4,451	146.52	0.01
33.60	0.00	4,447	146.52	0.01
33.70	0.00	4,442	146.52	0.01
33.80	0.00	4,437	146.52	0.01
33.90	0.00	4,433	146.52	0.01
34.00	0.00	4,428	146.52	0.01
34.10	0.00	4,424	146.51	0.01
34.20	0.00	4,420	146.51	0.01
34.30	0.00	4,415	146.51	0.01
34.40	0.00	4,411	146.51	0.01
34.50	0.00	4,407	146.51	0.01
34.60	0.00	4,403	146.51	0.01
34.70	0.00	4,399	146.51	0.01
34.80	0.00	4,395	146.51	0.01
34.90	0.00	4,391	146.51	0.01
35.00	0.00	4,388	146.51	0.01
35.10	0.00	4,384	146.51	0.01
35.20	0.00	4,380	146.51	0.01
35.30	0.00	4,377	146.51	0.01
35.40	0.00	4,373	146.51	0.01
35.50	0.00	4,370	146.51	0.01
35.60	0.00	4,366	146.51	0.01
35.70	0.00	4,363	146.51	0.01
35.80	0.00	4,359	146.51	0.01
35.90	0.00	4,356	146.51	0.01
36.00	0.00	4,352	146.51	0.01
36.10	0.00	4,349	146.51	0.01
36.20	0.00	4,346	146.51	0.01
36.30	0.00	4,342	146.51	0.01

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,339	146.51	0.01
36.50	0.00	4,336	146.51	0.01
36.60	0.00	4,333	146.50	0.01
36.70	0.00	4,330	146.50	0.01
36.80	0.00	4,327	146.50	0.01
36.90	0.00	4,324	146.50	0.01
37.00	0.00	4,321	146.50	0.01
37.10	0.00	4,318	146.50	0.01
37.20	0.00	4,315	146.50	0.01
37.30	0.00	4,312	146.50	0.01
37.40	0.00	4,309	146.50	0.01
37.50	0.00	4,306	146.50	0.01
37.60	0.00	4,303	146.50	0.01
37.70	0.00	4,300	146.50	0.01
37.80	0.00	4,297	146.50	0.01
37.90	0.00	4,295	146.50	0.01
38.00	0.00	4,292	146.50	0.01
38.10	0.00	4,289	146.50	0.01
38.20	0.00	4,286	146.50	0.01
38.30	0.00	4,284	146.50	0.01
38.40	0.00	4,281	146.50	0.01
38.50	0.00	4,279	146.50	0.01
38.60	0.00	4,276	146.50	0.01
38.70	0.00	4,273	146.50	0.01
38.80	0.00	4,271	146.50	0.01
38.90	0.00	4,268	146.50	0.01
39.00	0.00	4,266	146.50	0.01
39.10	0.00	4,263	146.50	0.01
39.20	0.00	4,261	146.50	0.01
39.30	0.00	4,259	146.50	0.01
39.40	0.00	4,256	146.50	0.01
39.50	0.00	4,254	146.50	0.01
39.60	0.00	4,252	146.50	0.01
39.70	0.00	4,249	146.50	0.01
39.80	0.00	4,247	146.49	0.01
39.90	0.00	4,245	146.49	0.01
40.00	0.00	4,242	146.49	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 5.68 cfs @ 12.17 hrs, Volume= 0.465 af
 Outflow = 0.79 cfs @ 12.94 hrs, Volume= 0.375 af, Atten= 86%, Lag= 45.8 min
 Primary = 0.79 cfs @ 12.94 hrs, Volume= 0.375 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.02' @ 12.94 hrs Surf.Area= 6,507 sf Storage= 11,288 cf

Plug-Flow detention time= 313.7 min calculated for 0.375 af (81% of inflow)
 Center-of-Mass det. time= 231.2 min (1,032.3 - 801.1)

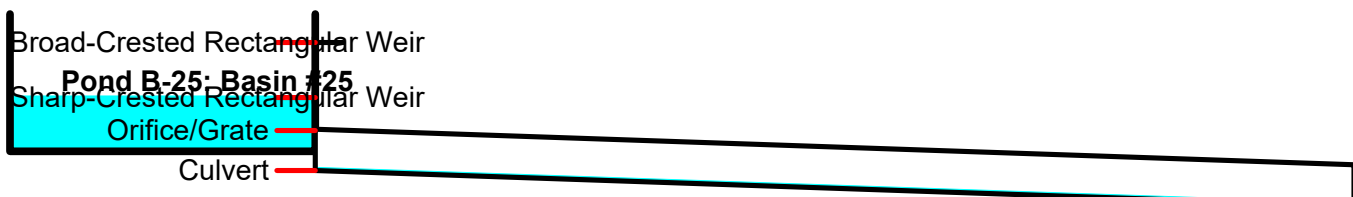
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

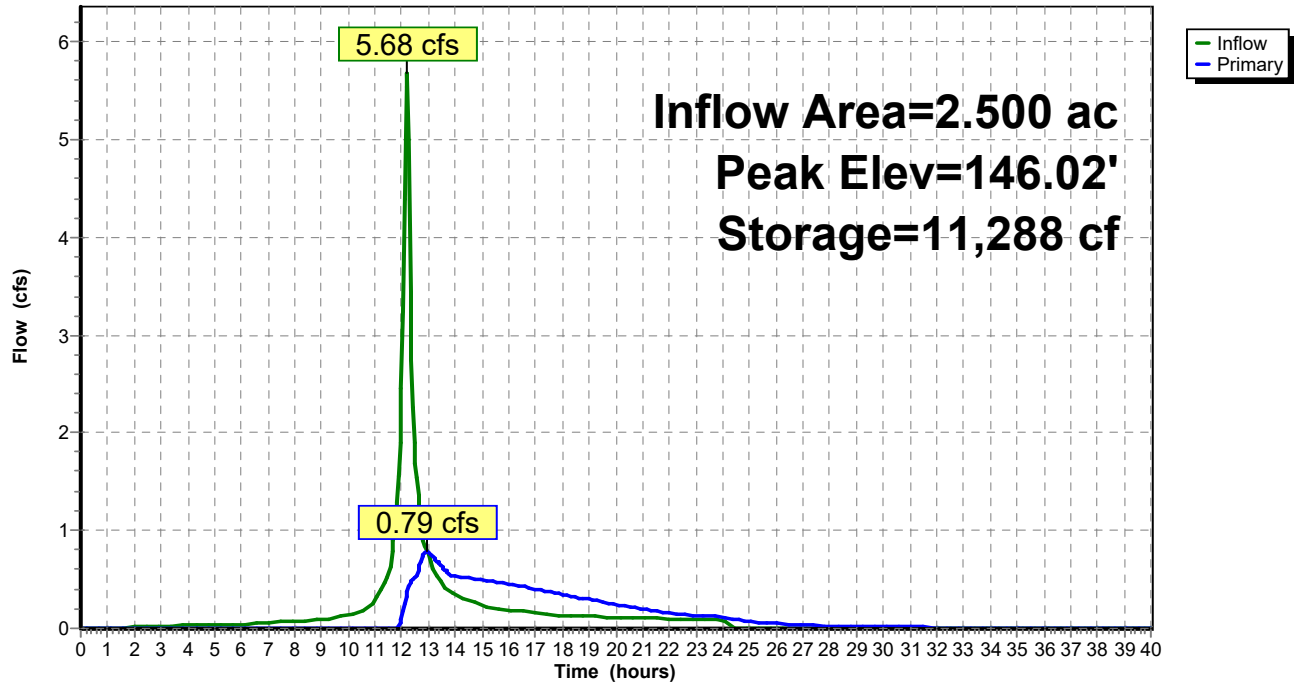
Primary OutFlow Max=0.77 cfs @ 12.94 hrs HW=146.02' (Free Discharge)

1=Culvert (Passes 0.77 cfs of 10.16 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.55 cfs @ 5.00 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.22 cfs @ 0.84 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	0	144.00	0.00
1.10	0.00	0	144.00	0.00
1.20	0.00	0	144.00	0.00
1.30	0.00	1	144.00	0.00
1.40	0.00	2	144.00	0.00
1.50	0.01	4	144.00	0.00
1.60	0.01	6	144.00	0.00
1.70	0.01	9	144.00	0.00
1.80	0.01	12	144.00	0.00
1.90	0.01	16	144.00	0.00
2.00	0.01	20	144.00	0.00
2.10	0.01	25	144.01	0.00
2.20	0.01	30	144.01	0.00
2.30	0.02	35	144.01	0.00
2.40	0.02	41	144.01	0.00
2.50	0.02	47	144.01	0.00
2.60	0.02	53	144.01	0.00
2.70	0.02	60	144.01	0.00
2.80	0.02	67	144.01	0.00
2.90	0.02	75	144.02	0.00
3.00	0.02	83	144.02	0.00
3.10	0.02	91	144.02	0.00
3.20	0.02	100	144.02	0.00
3.30	0.03	109	144.02	0.00
3.40	0.03	118	144.02	0.00
3.50	0.03	127	144.03	0.00
3.60	0.03	137	144.03	0.00
3.70	0.03	147	144.03	0.00
3.80	0.03	158	144.03	0.00
3.90	0.03	168	144.04	0.00
4.00	0.03	179	144.04	0.00
4.10	0.03	190	144.04	0.00
4.20	0.03	202	144.04	0.00
4.30	0.03	214	144.05	0.00
4.40	0.03	226	144.05	0.00
4.50	0.03	238	144.05	0.00
4.60	0.03	250	144.05	0.00
4.70	0.04	263	144.06	0.00
4.80	0.04	276	144.06	0.00
4.90	0.04	289	144.06	0.00
5.00	0.04	303	144.06	0.00
5.10	0.04	316	144.07	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	330	144.07	0.00
5.30	0.04	344	144.07	0.00
5.40	0.04	358	144.08	0.00
5.50	0.04	373	144.08	0.00
5.60	0.04	388	144.08	0.00
5.70	0.04	403	144.08	0.00
5.80	0.04	418	144.09	0.00
5.90	0.04	433	144.09	0.00
6.00	0.04	449	144.09	0.00
6.10	0.04	465	144.10	0.00
6.20	0.05	481	144.10	0.00
6.30	0.05	497	144.10	0.00
6.40	0.05	514	144.11	0.00
6.50	0.05	532	144.11	0.00
6.60	0.05	550	144.12	0.00
6.70	0.05	569	144.12	0.00
6.80	0.05	588	144.12	0.00
6.90	0.06	608	144.13	0.00
7.00	0.06	628	144.13	0.00
7.10	0.06	648	144.14	0.00
7.20	0.06	670	144.14	0.00
7.30	0.06	691	144.15	0.00
7.40	0.06	714	144.15	0.00
7.50	0.06	736	144.15	0.00
7.60	0.07	760	144.16	0.00
7.70	0.07	783	144.16	0.00
7.80	0.07	808	144.17	0.00
7.90	0.07	833	144.17	0.00
8.00	0.07	858	144.18	0.00
8.10	0.07	884	144.18	0.00
8.20	0.07	910	144.19	0.00
8.30	0.08	937	144.20	0.00
8.40	0.08	965	144.20	0.00
8.50	0.08	993	144.21	0.00
8.60	0.08	1,021	144.21	0.00
8.70	0.08	1,050	144.22	0.00
8.80	0.08	1,080	144.22	0.00
8.90	0.08	1,110	144.23	0.00
9.00	0.09	1,141	144.24	0.00
9.10	0.09	1,172	144.24	0.00
9.20	0.09	1,205	144.25	0.00
9.30	0.10	1,239	144.26	0.00
9.40	0.10	1,275	144.26	0.00
9.50	0.11	1,312	144.27	0.00
9.60	0.11	1,352	144.28	0.00
9.70	0.12	1,393	144.29	0.00
9.80	0.12	1,436	144.30	0.00
9.90	0.13	1,481	144.31	0.00
10.00	0.13	1,528	144.32	0.00
10.10	0.14	1,576	144.33	0.00
10.20	0.14	1,627	144.34	0.00
10.30	0.15	1,680	144.35	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,736	144.36	0.00
10.50	0.17	1,796	144.37	0.00
10.60	0.18	1,858	144.38	0.00
10.70	0.20	1,927	144.40	0.00
10.80	0.23	2,004	144.41	0.00
10.90	0.25	2,091	144.43	0.00
11.00	0.28	2,187	144.45	0.00
11.10	0.32	2,295	144.47	0.00
11.20	0.36	2,417	144.49	0.00
11.30	0.42	2,558	144.52	0.00
11.40	0.48	2,719	144.55	0.00
11.50	0.54	2,902	144.58	0.00
11.60	0.66	3,113	144.63	0.00
11.70	0.89	3,395	144.68	0.00
11.80	1.11	3,753	144.75	0.00
11.90	1.55	4,224	144.83	0.02
12.00	2.46	4,908	144.96	0.10
12.10	4.38	6,044	145.16	0.25
12.20	5.53	7,819	145.46	0.39
12.30	3.44	9,278	145.70	0.46
12.40	2.25	10,108	145.83	0.50
12.50	1.68	10,618	145.91	0.53
12.60	1.37	10,972	145.97	0.59
12.70	1.04	11,170	146.00	0.69
12.80	0.90	11,256	146.01	0.76
12.90	0.81	11,286	146.02	0.78
13.00	0.74	11,283	146.02	0.78
13.10	0.66	11,257	146.01	0.76
13.20	0.59	11,215	146.01	0.72
13.30	0.55	11,166	146.00	0.69
13.40	0.50	11,112	145.99	0.66
13.50	0.46	11,053	145.98	0.63
13.60	0.42	10,990	145.97	0.60
13.70	0.39	10,924	145.96	0.57
13.80	0.37	10,861	145.95	0.54
13.90	0.36	10,798	145.94	0.53
14.00	0.34	10,733	145.93	0.53
14.10	0.33	10,665	145.92	0.53
14.20	0.32	10,594	145.91	0.52
14.30	0.31	10,521	145.90	0.52
14.40	0.30	10,444	145.89	0.52
14.50	0.29	10,365	145.87	0.51
14.60	0.28	10,283	145.86	0.51
14.70	0.27	10,199	145.85	0.51
14.80	0.26	10,112	145.83	0.50
14.90	0.25	10,022	145.82	0.50
15.00	0.24	9,930	145.80	0.50
15.10	0.22	9,836	145.79	0.49
15.20	0.22	9,739	145.77	0.49
15.30	0.21	9,641	145.76	0.48
15.40	0.21	9,544	145.74	0.48
15.50	0.20	9,447	145.73	0.47

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	9,351	145.71	0.47
15.70	0.20	9,256	145.70	0.46
15.80	0.20	9,161	145.68	0.46
15.90	0.19	9,067	145.67	0.45
16.00	0.19	8,973	145.65	0.45
16.10	0.19	8,880	145.64	0.44
16.20	0.18	8,788	145.62	0.44
16.30	0.18	8,697	145.61	0.43
16.40	0.18	8,606	145.59	0.43
16.50	0.18	8,516	145.58	0.43
16.60	0.17	8,426	145.56	0.42
16.70	0.17	8,338	145.55	0.42
16.80	0.17	8,250	145.53	0.41
16.90	0.16	8,162	145.52	0.41
17.00	0.16	8,076	145.50	0.40
17.10	0.16	7,990	145.49	0.40
17.20	0.16	7,905	145.48	0.39
17.30	0.15	7,821	145.46	0.39
17.40	0.15	7,738	145.45	0.38
17.50	0.15	7,655	145.43	0.37
17.60	0.14	7,573	145.42	0.37
17.70	0.14	7,492	145.41	0.36
17.80	0.14	7,412	145.39	0.36
17.90	0.13	7,332	145.38	0.35
18.00	0.13	7,254	145.37	0.35
18.10	0.13	7,176	145.35	0.34
18.20	0.13	7,099	145.34	0.34
18.30	0.12	7,024	145.33	0.33
18.40	0.12	6,950	145.32	0.33
18.50	0.12	6,877	145.30	0.32
18.60	0.12	6,807	145.29	0.32
18.70	0.12	6,738	145.28	0.31
18.80	0.12	6,670	145.27	0.31
18.90	0.12	6,605	145.26	0.30
19.00	0.12	6,541	145.25	0.29
19.10	0.12	6,478	145.23	0.29
19.20	0.12	6,418	145.22	0.28
19.30	0.12	6,358	145.21	0.28
19.40	0.12	6,301	145.20	0.27
19.50	0.12	6,245	145.19	0.27
19.60	0.11	6,190	145.18	0.26
19.70	0.11	6,137	145.18	0.26
19.80	0.11	6,086	145.17	0.25
19.90	0.11	6,036	145.16	0.25
20.00	0.11	5,988	145.15	0.24
20.10	0.11	5,941	145.14	0.24
20.20	0.11	5,895	145.13	0.24
20.30	0.11	5,851	145.13	0.23
20.40	0.11	5,808	145.12	0.23
20.50	0.11	5,766	145.11	0.22
20.60	0.11	5,726	145.10	0.22
20.70	0.11	5,687	145.10	0.21

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	5,649	145.09	0.21
20.90	0.11	5,613	145.08	0.20
21.00	0.10	5,579	145.08	0.20
21.10	0.10	5,546	145.07	0.19
21.20	0.10	5,514	145.07	0.19
21.30	0.10	5,484	145.06	0.19
21.40	0.10	5,455	145.06	0.18
21.50	0.10	5,427	145.05	0.18
21.60	0.10	5,400	145.05	0.17
21.70	0.10	5,374	145.04	0.17
21.80	0.10	5,350	145.04	0.17
21.90	0.10	5,326	145.03	0.16
22.00	0.10	5,304	145.03	0.16
22.10	0.10	5,283	145.02	0.15
22.20	0.10	5,262	145.02	0.15
22.30	0.10	5,242	145.02	0.15
22.40	0.09	5,223	145.01	0.15
22.50	0.09	5,205	145.01	0.14
22.60	0.09	5,188	145.01	0.14
22.70	0.09	5,171	145.01	0.14
22.80	0.09	5,155	145.00	0.14
22.90	0.09	5,140	145.00	0.13
23.00	0.09	5,125	145.00	0.13
23.10	0.09	5,110	144.99	0.13
23.20	0.09	5,096	144.99	0.13
23.30	0.09	5,083	144.99	0.12
23.40	0.09	5,070	144.99	0.12
23.50	0.09	5,057	144.98	0.12
23.60	0.08	5,045	144.98	0.12
23.70	0.08	5,033	144.98	0.12
23.80	0.08	5,022	144.98	0.11
23.90	0.08	5,011	144.98	0.11
24.00	0.09	5,000	144.97	0.11
24.10	0.07	4,991	144.97	0.11
24.20	0.02	4,968	144.97	0.11
24.30	0.00	4,935	144.96	0.10
24.40	0.00	4,900	144.96	0.10
24.50	0.00	4,866	144.95	0.09
24.60	0.00	4,834	144.94	0.09
24.70	0.00	4,804	144.94	0.08
24.80	0.00	4,775	144.93	0.08
24.90	0.00	4,747	144.93	0.08
25.00	0.00	4,720	144.92	0.07
25.10	0.00	4,695	144.92	0.07
25.20	0.00	4,671	144.91	0.07
25.30	0.00	4,648	144.91	0.06
25.40	0.00	4,626	144.91	0.06
25.50	0.00	4,605	144.90	0.06
25.60	0.00	4,585	144.90	0.05
25.70	0.00	4,566	144.90	0.05
25.80	0.00	4,548	144.89	0.05
25.90	0.00	4,530	144.89	0.05

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,513	144.89	0.05
26.10	0.00	4,497	144.88	0.04
26.20	0.00	4,481	144.88	0.04
26.30	0.00	4,466	144.88	0.04
26.40	0.00	4,451	144.87	0.04
26.50	0.00	4,437	144.87	0.04
26.60	0.00	4,424	144.87	0.04
26.70	0.00	4,411	144.87	0.04
26.80	0.00	4,398	144.87	0.03
26.90	0.00	4,386	144.86	0.03
27.00	0.00	4,374	144.86	0.03
27.10	0.00	4,363	144.86	0.03
27.20	0.00	4,352	144.86	0.03
27.30	0.00	4,342	144.85	0.03
27.40	0.00	4,332	144.85	0.03
27.50	0.00	4,322	144.85	0.03
27.60	0.00	4,313	144.85	0.03
27.70	0.00	4,304	144.85	0.02
27.80	0.00	4,295	144.85	0.02
27.90	0.00	4,287	144.84	0.02
28.00	0.00	4,278	144.84	0.02
28.10	0.00	4,270	144.84	0.02
28.20	0.00	4,262	144.84	0.02
28.30	0.00	4,255	144.84	0.02
28.40	0.00	4,247	144.84	0.02
28.50	0.00	4,240	144.84	0.02
28.60	0.00	4,232	144.83	0.02
28.70	0.00	4,225	144.83	0.02
28.80	0.00	4,219	144.83	0.02
28.90	0.00	4,212	144.83	0.02
29.00	0.00	4,205	144.83	0.02
29.10	0.00	4,199	144.83	0.02
29.20	0.00	4,193	144.83	0.02
29.30	0.00	4,187	144.83	0.02
29.40	0.00	4,181	144.83	0.02
29.50	0.00	4,175	144.82	0.02
29.60	0.00	4,170	144.82	0.02
29.70	0.00	4,164	144.82	0.01
29.80	0.00	4,159	144.82	0.01
29.90	0.00	4,154	144.82	0.01
30.00	0.00	4,149	144.82	0.01
30.10	0.00	4,144	144.82	0.01
30.20	0.00	4,139	144.82	0.01
30.30	0.00	4,134	144.82	0.01
30.40	0.00	4,129	144.82	0.01
30.50	0.00	4,125	144.81	0.01
30.60	0.00	4,121	144.81	0.01
30.70	0.00	4,116	144.81	0.01
30.80	0.00	4,112	144.81	0.01
30.90	0.00	4,108	144.81	0.01
31.00	0.00	4,104	144.81	0.01
31.10	0.00	4,100	144.81	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,097	144.81	0.01
31.30	0.00	4,093	144.81	0.01
31.40	0.00	4,089	144.81	0.01
31.50	0.00	4,086	144.81	0.01
31.60	0.00	4,082	144.81	0.01
31.70	0.00	4,079	144.81	0.01
31.80	0.00	4,076	144.81	0.01
31.90	0.00	4,073	144.81	0.01
32.00	0.00	4,070	144.80	0.01
32.10	0.00	4,067	144.80	0.01
32.20	0.00	4,064	144.80	0.01
32.30	0.00	4,061	144.80	0.01
32.40	0.00	4,058	144.80	0.01
32.50	0.00	4,055	144.80	0.01
32.60	0.00	4,053	144.80	0.01
32.70	0.00	4,050	144.80	0.01
32.80	0.00	4,048	144.80	0.01
32.90	0.00	4,045	144.80	0.01
33.00	0.00	4,043	144.80	0.01
33.10	0.00	4,040	144.80	0.01
33.20	0.00	4,038	144.80	0.01
33.30	0.00	4,036	144.80	0.01
33.40	0.00	4,033	144.80	0.01
33.50	0.00	4,031	144.80	0.01
33.60	0.00	4,029	144.80	0.01
33.70	0.00	4,027	144.80	0.01
33.80	0.00	4,024	144.80	0.01
33.90	0.00	4,022	144.80	0.01
34.00	0.00	4,020	144.80	0.01
34.10	0.00	4,018	144.80	0.01
34.20	0.00	4,016	144.79	0.01
34.30	0.00	4,013	144.79	0.01
34.40	0.00	4,011	144.79	0.01
34.50	0.00	4,009	144.79	0.01
34.60	0.00	4,007	144.79	0.01
34.70	0.00	4,005	144.79	0.01
34.80	0.00	4,003	144.79	0.01
34.90	0.00	4,001	144.79	0.01
35.00	0.00	3,999	144.79	0.01
35.10	0.00	3,997	144.79	0.01
35.20	0.00	3,995	144.79	0.01
35.30	0.00	3,993	144.79	0.01
35.40	0.00	3,991	144.79	0.01
35.50	0.00	3,989	144.79	0.01
35.60	0.00	3,987	144.79	0.01
35.70	0.00	3,985	144.79	0.01
35.80	0.00	3,984	144.79	0.01
35.90	0.00	3,982	144.79	0.01
36.00	0.00	3,980	144.79	0.01
36.10	0.00	3,978	144.79	0.01
36.20	0.00	3,976	144.79	0.00
36.30	0.00	3,974	144.79	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,973	144.79	0.00
36.50	0.00	3,971	144.79	0.00
36.60	0.00	3,969	144.79	0.00
36.70	0.00	3,967	144.79	0.00
36.80	0.00	3,966	144.79	0.00
36.90	0.00	3,964	144.79	0.00
37.00	0.00	3,962	144.78	0.00
37.10	0.00	3,961	144.78	0.00
37.20	0.00	3,959	144.78	0.00
37.30	0.00	3,957	144.78	0.00
37.40	0.00	3,956	144.78	0.00
37.50	0.00	3,954	144.78	0.00
37.60	0.00	3,953	144.78	0.00
37.70	0.00	3,951	144.78	0.00
37.80	0.00	3,949	144.78	0.00
37.90	0.00	3,948	144.78	0.00
38.00	0.00	3,946	144.78	0.00
38.10	0.00	3,945	144.78	0.00
38.20	0.00	3,943	144.78	0.00
38.30	0.00	3,942	144.78	0.00
38.40	0.00	3,940	144.78	0.00
38.50	0.00	3,939	144.78	0.00
38.60	0.00	3,937	144.78	0.00
38.70	0.00	3,936	144.78	0.00
38.80	0.00	3,934	144.78	0.00
38.90	0.00	3,933	144.78	0.00
39.00	0.00	3,932	144.78	0.00
39.10	0.00	3,930	144.78	0.00
39.20	0.00	3,929	144.78	0.00
39.30	0.00	3,928	144.78	0.00
39.40	0.00	3,926	144.78	0.00
39.50	0.00	3,925	144.78	0.00
39.60	0.00	3,923	144.78	0.00
39.70	0.00	3,922	144.78	0.00
39.80	0.00	3,921	144.78	0.00
39.90	0.00	3,920	144.78	0.00
40.00	0.00	3,918	144.78	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 2.34" for Future 2 yr event
 Inflow = 5.60 cfs @ 12.17 hrs, Volume= 0.461 af
 Outflow = 0.58 cfs @ 13.19 hrs, Volume= 0.351 af, Atten= 90%, Lag= 60.9 min
 Primary = 0.58 cfs @ 13.19 hrs, Volume= 0.351 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.10' @ 13.19 hrs Surf.Area= 6,537 sf Storage= 12,569 cf

Plug-Flow detention time= 607.3 min calculated for 0.351 af (76% of inflow)
 Center-of-Mass det. time= 515.1 min (1,311.1 - 796.0)

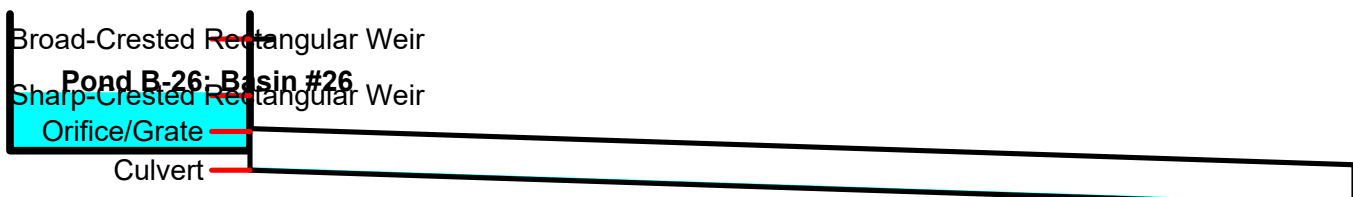
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

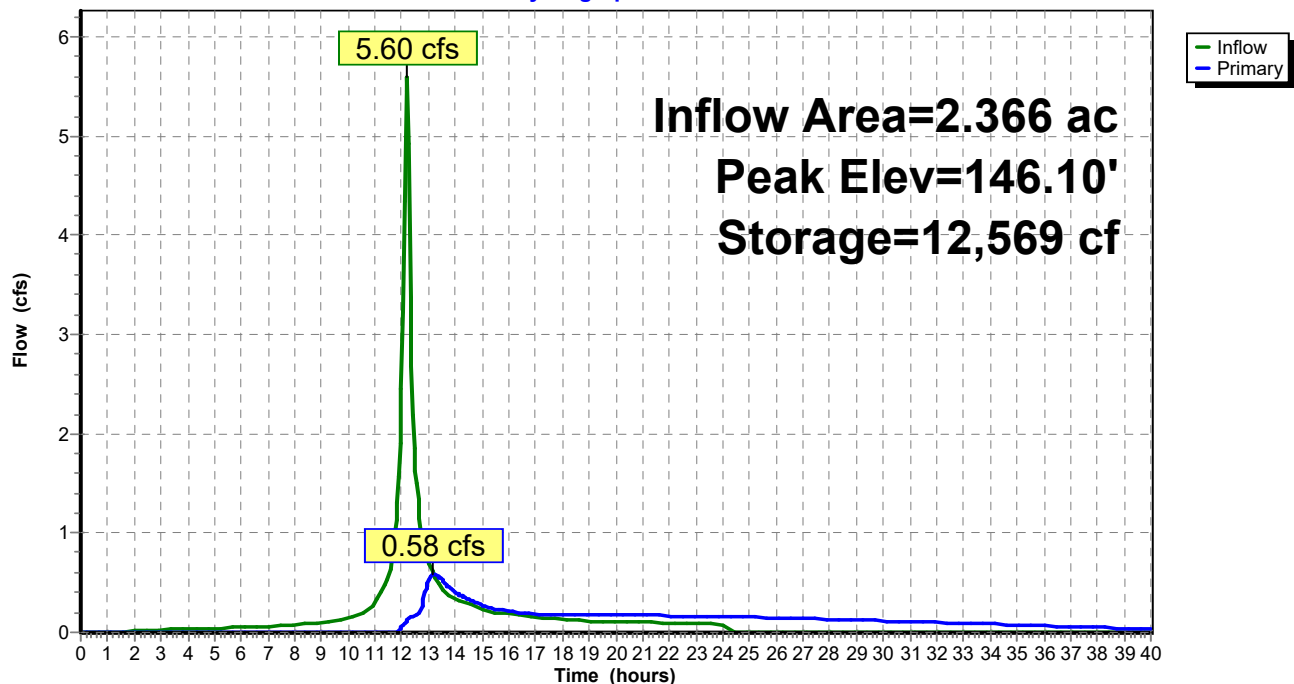
Primary OutFlow Max=0.57 cfs @ 13.19 hrs HW=146.10' (Free Discharge)

1=Culvert (Passes 0.57 cfs of 9.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.47 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.39 cfs @ 1.01 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	0	144.00	0.00
1.00	0.00	0	144.00	0.00
1.10	0.00	0	144.00	0.00
1.20	0.00	0	144.00	0.00
1.30	0.00	1	144.00	0.00
1.40	0.00	2	144.00	0.00
1.50	0.01	4	144.00	0.00
1.60	0.01	7	144.00	0.00
1.70	0.01	10	144.00	0.00
1.80	0.01	13	144.00	0.00
1.90	0.01	17	144.00	0.00
2.00	0.01	22	144.00	0.00
2.10	0.01	27	144.00	0.00
2.20	0.02	32	144.01	0.00
2.30	0.02	38	144.01	0.00
2.40	0.02	44	144.01	0.00
2.50	0.02	51	144.01	0.00
2.60	0.02	58	144.01	0.00
2.70	0.02	65	144.01	0.00
2.80	0.02	73	144.01	0.00
2.90	0.02	81	144.01	0.00
3.00	0.02	90	144.02	0.00
3.10	0.03	99	144.02	0.00
3.20	0.03	108	144.02	0.00
3.30	0.03	117	144.02	0.00
3.40	0.03	127	144.02	0.00
3.50	0.03	138	144.03	0.00
3.60	0.03	148	144.03	0.00
3.70	0.03	159	144.03	0.00
3.80	0.03	170	144.03	0.00
3.90	0.03	182	144.03	0.00
4.00	0.03	194	144.04	0.00
4.10	0.03	206	144.04	0.00
4.20	0.03	218	144.04	0.00
4.30	0.04	231	144.04	0.00
4.40	0.04	244	144.04	0.00
4.50	0.04	257	144.05	0.00
4.60	0.04	270	144.05	0.00
4.70	0.04	284	144.05	0.00
4.80	0.04	298	144.05	0.00
4.90	0.04	312	144.06	0.00
5.00	0.04	327	144.06	0.00
5.10	0.04	342	144.06	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	356	144.07	0.00
5.30	0.04	372	144.07	0.00
5.40	0.04	387	144.07	0.00
5.50	0.04	403	144.07	0.00
5.60	0.04	419	144.08	0.00
5.70	0.05	435	144.08	0.00
5.80	0.05	451	144.08	0.00
5.90	0.05	468	144.09	0.00
6.00	0.05	485	144.09	0.00
6.10	0.05	502	144.09	0.00
6.20	0.05	519	144.09	0.00
6.30	0.05	537	144.10	0.00
6.40	0.05	556	144.10	0.00
6.50	0.05	575	144.10	0.00
6.60	0.06	594	144.11	0.00
6.70	0.06	614	144.11	0.00
6.80	0.06	635	144.12	0.00
6.90	0.06	656	144.12	0.00
7.00	0.06	678	144.12	0.00
7.10	0.06	700	144.13	0.00
7.20	0.06	723	144.13	0.00
7.30	0.07	747	144.14	0.00
7.40	0.07	771	144.14	0.00
7.50	0.07	795	144.14	0.00
7.60	0.07	820	144.15	0.00
7.70	0.07	846	144.15	0.00
7.80	0.07	872	144.16	0.00
7.90	0.08	899	144.16	0.00
8.00	0.08	927	144.17	0.00
8.10	0.08	955	144.17	0.00
8.20	0.08	983	144.18	0.00
8.30	0.08	1,012	144.18	0.00
8.40	0.08	1,042	144.19	0.00
8.50	0.08	1,072	144.19	0.00
8.60	0.09	1,103	144.20	0.00
8.70	0.09	1,134	144.21	0.00
8.80	0.09	1,166	144.21	0.00
8.90	0.09	1,199	144.22	0.00
9.00	0.09	1,232	144.22	0.00
9.10	0.10	1,266	144.23	0.00
9.20	0.10	1,301	144.24	0.00
9.30	0.10	1,338	144.24	0.00
9.40	0.11	1,377	144.25	0.00
9.50	0.12	1,417	144.26	0.00
9.60	0.12	1,460	144.26	0.00
9.70	0.13	1,505	144.27	0.00
9.80	0.13	1,551	144.28	0.00
9.90	0.14	1,600	144.29	0.00
10.00	0.14	1,650	144.30	0.00
10.10	0.15	1,703	144.31	0.00
10.20	0.16	1,757	144.32	0.00
10.30	0.16	1,815	144.33	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,875	144.34	0.00
10.50	0.18	1,938	144.35	0.00
10.60	0.19	2,005	144.36	0.00
10.70	0.21	2,078	144.37	0.00
10.80	0.24	2,160	144.39	0.00
10.90	0.27	2,251	144.40	0.00
11.00	0.30	2,352	144.42	0.00
11.10	0.33	2,465	144.44	0.00
11.20	0.38	2,593	144.46	0.00
11.30	0.43	2,739	144.49	0.00
11.40	0.49	2,905	144.52	0.00
11.50	0.55	3,093	144.55	0.00
11.60	0.68	3,310	144.59	0.00
11.70	0.91	3,598	144.64	0.00
11.80	1.13	3,961	144.70	0.00
11.90	1.56	4,438	144.78	0.01
12.00	2.45	5,131	144.90	0.05
12.10	4.34	6,298	145.10	0.09
12.20	5.44	8,123	145.40	0.13
12.30	3.36	9,656	145.64	0.15
12.40	2.20	10,582	145.79	0.16
12.50	1.63	11,200	145.88	0.17
12.60	1.33	11,674	145.96	0.18
12.70	1.01	12,025	146.01	0.21
12.80	0.88	12,265	146.05	0.34
12.90	0.79	12,421	146.07	0.45
13.00	0.71	12,515	146.09	0.53
13.10	0.64	12,560	146.09	0.57
13.20	0.57	12,569	146.10	0.58
13.30	0.53	12,559	146.09	0.57
13.40	0.49	12,539	146.09	0.55
13.50	0.45	12,512	146.09	0.53
13.60	0.41	12,481	146.08	0.50
13.70	0.37	12,447	146.08	0.47
13.80	0.36	12,414	146.07	0.44
13.90	0.34	12,384	146.07	0.42
14.00	0.33	12,357	146.06	0.40
14.10	0.32	12,333	146.06	0.39
14.20	0.31	12,311	146.06	0.37
14.30	0.30	12,290	146.05	0.36
14.40	0.29	12,271	146.05	0.34
14.50	0.28	12,253	146.05	0.33
14.60	0.27	12,235	146.04	0.32
14.70	0.26	12,218	146.04	0.31
14.80	0.25	12,202	146.04	0.29
14.90	0.24	12,185	146.04	0.28
15.00	0.23	12,169	146.03	0.27
15.10	0.22	12,153	146.03	0.26
15.20	0.21	12,138	146.03	0.25
15.30	0.20	12,123	146.03	0.24
15.40	0.20	12,109	146.03	0.24
15.50	0.20	12,096	146.02	0.23

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	12,083	146.02	0.23
15.70	0.19	12,071	146.02	0.23
15.80	0.19	12,059	146.02	0.22
15.90	0.19	12,048	146.02	0.22
16.00	0.18	12,037	146.01	0.21
16.10	0.18	12,027	146.01	0.21
16.20	0.18	12,017	146.01	0.21
16.30	0.18	12,007	146.01	0.20
16.40	0.17	11,997	146.01	0.20
16.50	0.17	11,988	146.01	0.20
16.60	0.17	11,979	146.01	0.19
16.70	0.16	11,970	146.00	0.19
16.80	0.16	11,961	146.00	0.19
16.90	0.16	11,952	146.00	0.18
17.00	0.16	11,943	146.00	0.18
17.10	0.15	11,934	146.00	0.18
17.20	0.15	11,924	146.00	0.18
17.30	0.15	11,913	146.00	0.18
17.40	0.14	11,901	145.99	0.18
17.50	0.14	11,888	145.99	0.18
17.60	0.14	11,873	145.99	0.18
17.70	0.14	11,858	145.99	0.18
17.80	0.13	11,842	145.98	0.18
17.90	0.13	11,825	145.98	0.18
18.00	0.13	11,807	145.98	0.18
18.10	0.12	11,788	145.98	0.18
18.20	0.12	11,769	145.97	0.18
18.30	0.12	11,748	145.97	0.18
18.40	0.12	11,727	145.97	0.18
18.50	0.12	11,707	145.96	0.18
18.60	0.12	11,686	145.96	0.18
18.70	0.12	11,664	145.96	0.18
18.80	0.12	11,643	145.95	0.18
18.90	0.12	11,621	145.95	0.18
19.00	0.11	11,600	145.95	0.18
19.10	0.11	11,578	145.94	0.18
19.20	0.11	11,556	145.94	0.17
19.30	0.11	11,534	145.94	0.17
19.40	0.11	11,511	145.93	0.17
19.50	0.11	11,489	145.93	0.17
19.60	0.11	11,466	145.93	0.17
19.70	0.11	11,443	145.92	0.17
19.80	0.11	11,421	145.92	0.17
19.90	0.11	11,398	145.92	0.17
20.00	0.11	11,374	145.91	0.17
20.10	0.11	11,351	145.91	0.17
20.20	0.11	11,327	145.90	0.17
20.30	0.11	11,304	145.90	0.17
20.40	0.11	11,280	145.90	0.17
20.50	0.10	11,256	145.89	0.17
20.60	0.10	11,232	145.89	0.17
20.70	0.10	11,207	145.89	0.17

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	11,183	145.88	0.17
20.90	0.10	11,158	145.88	0.17
21.00	0.10	11,134	145.87	0.17
21.10	0.10	11,109	145.87	0.17
21.20	0.10	11,084	145.87	0.17
21.30	0.10	11,058	145.86	0.17
21.40	0.10	11,033	145.86	0.17
21.50	0.10	11,008	145.85	0.17
21.60	0.10	10,982	145.85	0.17
21.70	0.10	10,956	145.85	0.17
21.80	0.10	10,930	145.84	0.17
21.90	0.09	10,904	145.84	0.17
22.00	0.09	10,878	145.83	0.17
22.10	0.09	10,852	145.83	0.17
22.20	0.09	10,825	145.83	0.17
22.30	0.09	10,799	145.82	0.17
22.40	0.09	10,772	145.82	0.17
22.50	0.09	10,745	145.81	0.16
22.60	0.09	10,718	145.81	0.16
22.70	0.09	10,691	145.81	0.16
22.80	0.09	10,663	145.80	0.16
22.90	0.09	10,636	145.80	0.16
23.00	0.09	10,608	145.79	0.16
23.10	0.09	10,580	145.79	0.16
23.20	0.08	10,553	145.78	0.16
23.30	0.08	10,525	145.78	0.16
23.40	0.08	10,496	145.77	0.16
23.50	0.08	10,468	145.77	0.16
23.60	0.08	10,440	145.77	0.16
23.70	0.08	10,411	145.76	0.16
23.80	0.08	10,383	145.76	0.16
23.90	0.08	10,354	145.75	0.16
24.00	0.08	10,325	145.75	0.16
24.10	0.07	10,297	145.74	0.16
24.20	0.02	10,256	145.74	0.16
24.30	0.00	10,203	145.73	0.16
24.40	0.00	10,147	145.72	0.16
24.50	0.00	10,091	145.71	0.16
24.60	0.00	10,035	145.70	0.16
24.70	0.00	9,979	145.69	0.15
24.80	0.00	9,923	145.68	0.15
24.90	0.00	9,868	145.68	0.15
25.00	0.00	9,813	145.67	0.15
25.10	0.00	9,758	145.66	0.15
25.20	0.00	9,704	145.65	0.15
25.30	0.00	9,650	145.64	0.15
25.40	0.00	9,596	145.63	0.15
25.50	0.00	9,542	145.62	0.15
25.60	0.00	9,489	145.62	0.15
25.70	0.00	9,436	145.61	0.15
25.80	0.00	9,383	145.60	0.15
25.90	0.00	9,330	145.59	0.15

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,278	145.58	0.14
26.10	0.00	9,226	145.57	0.14
26.20	0.00	9,174	145.57	0.14
26.30	0.00	9,123	145.56	0.14
26.40	0.00	9,072	145.55	0.14
26.50	0.00	9,021	145.54	0.14
26.60	0.00	8,970	145.53	0.14
26.70	0.00	8,920	145.52	0.14
26.80	0.00	8,870	145.52	0.14
26.90	0.00	8,820	145.51	0.14
27.00	0.00	8,771	145.50	0.14
27.10	0.00	8,722	145.49	0.14
27.20	0.00	8,673	145.49	0.14
27.30	0.00	8,624	145.48	0.13
27.40	0.00	8,576	145.47	0.13
27.50	0.00	8,528	145.46	0.13
27.60	0.00	8,480	145.45	0.13
27.70	0.00	8,433	145.45	0.13
27.80	0.00	8,385	145.44	0.13
27.90	0.00	8,338	145.43	0.13
28.00	0.00	8,292	145.42	0.13
28.10	0.00	8,245	145.42	0.13
28.20	0.00	8,199	145.41	0.13
28.30	0.00	8,154	145.40	0.13
28.40	0.00	8,108	145.39	0.13
28.50	0.00	8,063	145.39	0.13
28.60	0.00	8,018	145.38	0.12
28.70	0.00	7,973	145.37	0.12
28.80	0.00	7,929	145.36	0.12
28.90	0.00	7,885	145.36	0.12
29.00	0.00	7,841	145.35	0.12
29.10	0.00	7,797	145.34	0.12
29.20	0.00	7,754	145.34	0.12
29.30	0.00	7,711	145.33	0.12
29.40	0.00	7,668	145.32	0.12
29.50	0.00	7,626	145.32	0.12
29.60	0.00	7,584	145.31	0.12
29.70	0.00	7,542	145.30	0.12
29.80	0.00	7,501	145.30	0.11
29.90	0.00	7,459	145.29	0.11
30.00	0.00	7,418	145.28	0.11
30.10	0.00	7,378	145.28	0.11
30.20	0.00	7,337	145.27	0.11
30.30	0.00	7,297	145.26	0.11
30.40	0.00	7,257	145.26	0.11
30.50	0.00	7,218	145.25	0.11
30.60	0.00	7,179	145.24	0.11
30.70	0.00	7,140	145.24	0.11
30.80	0.00	7,101	145.23	0.11
30.90	0.00	7,062	145.22	0.11
31.00	0.00	7,024	145.22	0.11
31.10	0.00	6,987	145.21	0.10

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,949	145.20	0.10
31.30	0.00	6,912	145.20	0.10
31.40	0.00	6,875	145.19	0.10
31.50	0.00	6,838	145.19	0.10
31.60	0.00	6,802	145.18	0.10
31.70	0.00	6,766	145.17	0.10
31.80	0.00	6,730	145.17	0.10
31.90	0.00	6,694	145.16	0.10
32.00	0.00	6,659	145.16	0.10
32.10	0.00	6,624	145.15	0.10
32.20	0.00	6,590	145.15	0.10
32.30	0.00	6,555	145.14	0.10
32.40	0.00	6,521	145.13	0.09
32.50	0.00	6,487	145.13	0.09
32.60	0.00	6,454	145.12	0.09
32.70	0.00	6,421	145.12	0.09
32.80	0.00	6,388	145.11	0.09
32.90	0.00	6,355	145.11	0.09
33.00	0.00	6,323	145.10	0.09
33.10	0.00	6,291	145.10	0.09
33.20	0.00	6,259	145.09	0.09
33.30	0.00	6,228	145.09	0.09
33.40	0.00	6,196	145.08	0.09
33.50	0.00	6,166	145.07	0.09
33.60	0.00	6,135	145.07	0.08
33.70	0.00	6,105	145.06	0.08
33.80	0.00	6,075	145.06	0.08
33.90	0.00	6,045	145.05	0.08
34.00	0.00	6,016	145.05	0.08
34.10	0.00	5,986	145.05	0.08
34.20	0.00	5,958	145.04	0.08
34.30	0.00	5,929	145.04	0.08
34.40	0.00	5,901	145.03	0.08
34.50	0.00	5,873	145.03	0.08
34.60	0.00	5,845	145.02	0.08
34.70	0.00	5,818	145.02	0.08
34.80	0.00	5,791	145.01	0.07
34.90	0.00	5,764	145.01	0.07
35.00	0.00	5,737	145.00	0.07
35.10	0.00	5,711	145.00	0.07
35.20	0.00	5,685	144.99	0.07
35.30	0.00	5,660	144.99	0.07
35.40	0.00	5,634	144.99	0.07
35.50	0.00	5,609	144.98	0.07
35.60	0.00	5,584	144.98	0.07
35.70	0.00	5,560	144.97	0.07
35.80	0.00	5,536	144.97	0.07
35.90	0.00	5,512	144.97	0.07
36.00	0.00	5,489	144.96	0.06
36.10	0.00	5,465	144.96	0.06
36.20	0.00	5,442	144.95	0.06
36.30	0.00	5,420	144.95	0.06

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,397	144.95	0.06
36.50	0.00	5,375	144.94	0.06
36.60	0.00	5,353	144.94	0.06
36.70	0.00	5,332	144.94	0.06
36.80	0.00	5,311	144.93	0.06
36.90	0.00	5,290	144.93	0.06
37.00	0.00	5,269	144.92	0.06
37.10	0.00	5,249	144.92	0.06
37.20	0.00	5,229	144.92	0.06
37.30	0.00	5,209	144.91	0.05
37.40	0.00	5,190	144.91	0.05
37.50	0.00	5,170	144.91	0.05
37.60	0.00	5,152	144.90	0.05
37.70	0.00	5,133	144.90	0.05
37.80	0.00	5,115	144.90	0.05
37.90	0.00	5,097	144.90	0.05
38.00	0.00	5,079	144.89	0.05
38.10	0.00	5,061	144.89	0.05
38.20	0.00	5,044	144.89	0.05
38.30	0.00	5,027	144.88	0.05
38.40	0.00	5,011	144.88	0.05
38.50	0.00	4,995	144.88	0.04
38.60	0.00	4,979	144.88	0.04
38.70	0.00	4,963	144.87	0.04
38.80	0.00	4,948	144.87	0.04
38.90	0.00	4,933	144.87	0.04
39.00	0.00	4,919	144.87	0.04
39.10	0.00	4,905	144.86	0.04
39.20	0.00	4,891	144.86	0.04
39.30	0.00	4,877	144.86	0.04
39.40	0.00	4,864	144.86	0.04
39.50	0.00	4,851	144.85	0.04
39.60	0.00	4,838	144.85	0.04
39.70	0.00	4,825	144.85	0.03
39.80	0.00	4,813	144.85	0.03
39.90	0.00	4,801	144.85	0.03
40.00	0.00	4,789	144.84	0.03

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 2.97" for Future 2 yr event
 Inflow = 5.88 cfs @ 12.17 hrs, Volume= 0.479 af
 Outflow = 2.81 cfs @ 12.35 hrs, Volume= 0.372 af, Atten= 52%, Lag= 10.8 min
 Primary = 2.81 cfs @ 12.35 hrs, Volume= 0.372 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 172.05' @ 12.35 hrs Surf.Area= 3,686 sf Storage= 9,225 cf

Plug-Flow detention time= 187.1 min calculated for 0.372 af (78% of inflow)
 Center-of-Mass det. time= 103.6 min (888.9 - 785.3)

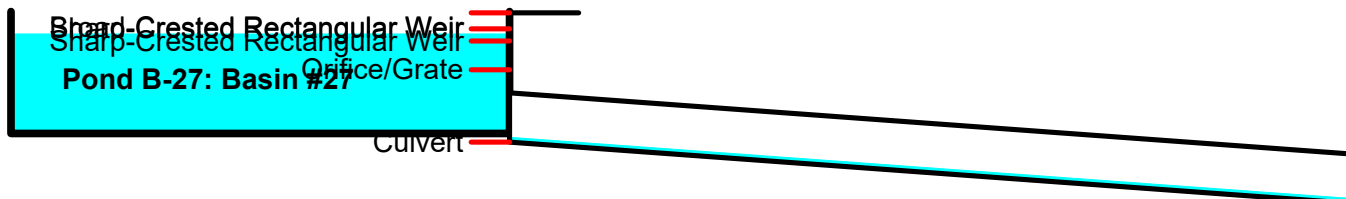
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

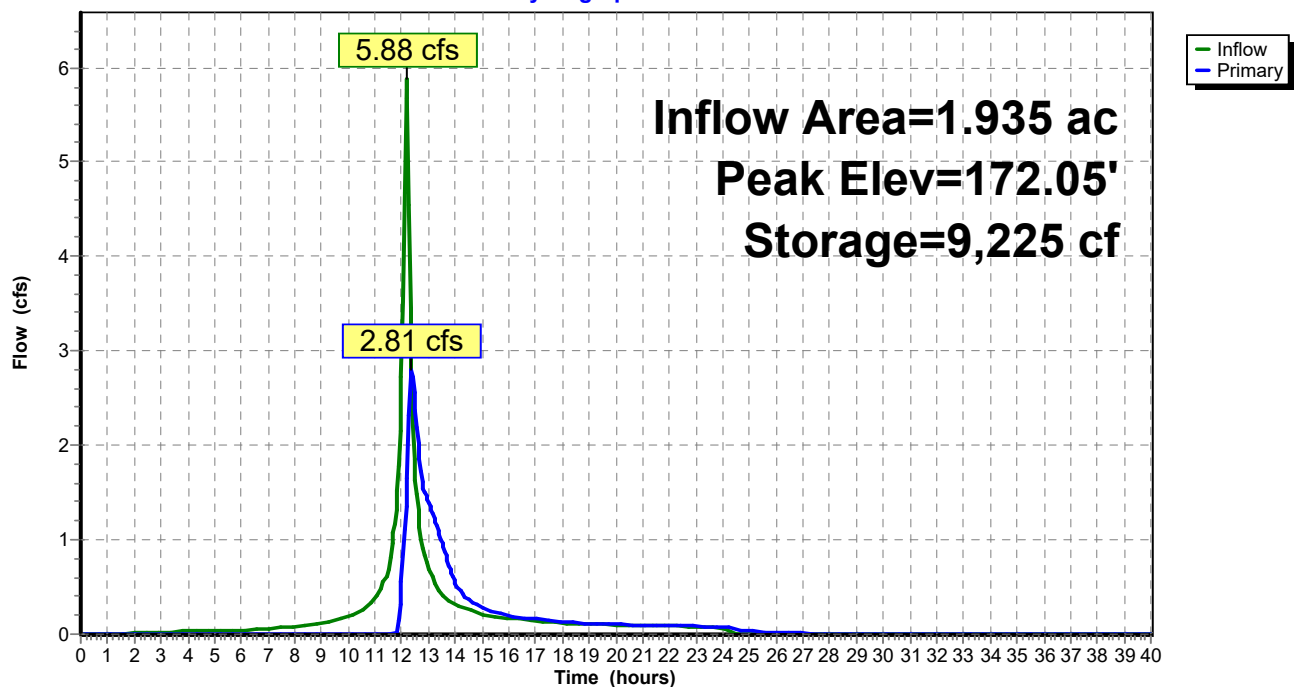
Primary OutFlow Max=2.80 cfs @ 12.35 hrs HW=172.05' (Free Discharge)

1=Culvert (Passes 2.80 cfs of 27.88 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.78 cfs @ 5.10 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.02 cfs @ 1.78 fps)
 4=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	0	168.00	0.00
0.60	0.00	0	168.00	0.00
0.70	0.00	0	168.00	0.00
0.80	0.00	0	168.00	0.00
0.90	0.00	0	168.00	0.00
1.00	0.00	0	168.00	0.00
1.10	0.00	0	168.00	0.00
1.20	0.00	0	168.00	0.00
1.30	0.00	1	168.00	0.00
1.40	0.00	2	168.00	0.00
1.50	0.01	4	168.00	0.00
1.60	0.01	6	168.01	0.00
1.70	0.01	9	168.01	0.00
1.80	0.01	13	168.01	0.00
1.90	0.01	16	168.02	0.00
2.00	0.01	21	168.02	0.00
2.10	0.01	25	168.02	0.00
2.20	0.01	30	168.03	0.00
2.30	0.02	36	168.04	0.00
2.40	0.02	42	168.04	0.00
2.50	0.02	48	168.05	0.00
2.60	0.02	55	168.05	0.00
2.70	0.02	62	168.06	0.00
2.80	0.02	69	168.07	0.00
2.90	0.02	77	168.08	0.00
3.00	0.02	85	168.08	0.00
3.10	0.02	94	168.09	0.00
3.20	0.02	103	168.10	0.00
3.30	0.03	112	168.11	0.00
3.40	0.03	121	168.12	0.00
3.50	0.03	131	168.13	0.00
3.60	0.03	141	168.14	0.00
3.70	0.03	151	168.14	0.00
3.80	0.03	162	168.15	0.00
3.90	0.03	173	168.16	0.00
4.00	0.03	184	168.17	0.00
4.10	0.03	196	168.19	0.00
4.20	0.03	207	168.20	0.00
4.30	0.03	219	168.21	0.00
4.40	0.03	232	168.22	0.00
4.50	0.04	244	168.23	0.00
4.60	0.04	257	168.24	0.00
4.70	0.04	270	168.25	0.00
4.80	0.04	284	168.26	0.00
4.90	0.04	297	168.27	0.00
5.00	0.04	311	168.29	0.00
5.10	0.04	325	168.30	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	339	168.31	0.00
5.30	0.04	354	168.32	0.00
5.40	0.04	368	168.33	0.00
5.50	0.04	383	168.35	0.00
5.60	0.04	398	168.36	0.00
5.70	0.04	414	168.37	0.00
5.80	0.04	429	168.39	0.00
5.90	0.04	445	168.40	0.00
6.00	0.04	461	168.41	0.00
6.10	0.05	477	168.42	0.00
6.20	0.05	494	168.44	0.00
6.30	0.05	511	168.45	0.00
6.40	0.05	529	168.46	0.00
6.50	0.05	547	168.48	0.00
6.60	0.05	566	168.49	0.00
6.70	0.06	585	168.51	0.00
6.80	0.06	605	168.52	0.00
6.90	0.06	626	168.54	0.00
7.00	0.06	648	168.56	0.00
7.10	0.06	671	168.57	0.00
7.20	0.07	694	168.59	0.00
7.30	0.07	719	168.61	0.00
7.40	0.07	744	168.63	0.00
7.50	0.07	770	168.65	0.00
7.60	0.08	797	168.67	0.00
7.70	0.08	825	168.69	0.00
7.80	0.08	853	168.71	0.00
7.90	0.08	883	168.73	0.00
8.00	0.09	913	168.75	0.00
8.10	0.09	945	168.77	0.00
8.20	0.09	977	168.79	0.00
8.30	0.09	1,010	168.82	0.00
8.40	0.10	1,045	168.84	0.00
8.50	0.10	1,080	168.86	0.00
8.60	0.10	1,116	168.89	0.00
8.70	0.10	1,153	168.91	0.00
8.80	0.11	1,192	168.94	0.00
8.90	0.11	1,231	168.96	0.00
9.00	0.11	1,271	168.99	0.00
9.10	0.12	1,312	169.01	0.00
9.20	0.12	1,356	169.04	0.00
9.30	0.13	1,402	169.07	0.00
9.40	0.14	1,450	169.10	0.00
9.50	0.15	1,502	169.13	0.00
9.60	0.16	1,556	169.16	0.00
9.70	0.16	1,614	169.20	0.00
9.80	0.17	1,674	169.23	0.00
9.90	0.18	1,738	169.27	0.00
10.00	0.19	1,804	169.30	0.00
10.10	0.20	1,875	169.34	0.00
10.20	0.21	1,948	169.38	0.00
10.30	0.22	2,025	169.43	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.23	2,105	169.47	0.00
10.50	0.24	2,188	169.51	0.00
10.60	0.25	2,276	169.56	0.00
10.70	0.28	2,372	169.61	0.00
10.80	0.31	2,477	169.66	0.00
10.90	0.34	2,595	169.72	0.00
11.00	0.38	2,724	169.78	0.00
11.10	0.42	2,867	169.85	0.00
11.20	0.47	3,027	169.92	0.00
11.30	0.54	3,209	170.01	0.00
11.40	0.60	3,414	170.10	0.00
11.50	0.67	3,643	170.20	0.00
11.60	0.81	3,904	170.30	0.00
11.70	1.08	4,246	170.44	0.00
11.80	1.31	4,671	170.61	0.00
11.90	1.78	5,200	170.80	0.15
12.00	2.73	5,870	171.04	0.57
12.10	4.67	6,867	171.36	1.11
12.20	5.68	8,342	171.80	1.66
12.30	3.44	9,168	172.03	2.72
12.40	2.22	9,172	172.03	2.72
12.50	1.63	8,934	171.97	2.37
12.60	1.32	8,678	171.90	2.02
12.70	1.00	8,418	171.82	1.73
12.80	0.86	8,166	171.75	1.53
12.90	0.77	7,920	171.68	1.46
13.00	0.70	7,672	171.61	1.39
13.10	0.62	7,423	171.53	1.31
13.20	0.56	7,178	171.46	1.23
13.30	0.51	6,944	171.39	1.14
13.40	0.47	6,725	171.32	1.05
13.50	0.43	6,524	171.25	0.97
13.60	0.39	6,340	171.19	0.88
13.70	0.36	6,177	171.14	0.78
13.80	0.34	6,041	171.09	0.68
13.90	0.33	5,930	171.06	0.61
14.00	0.32	5,840	171.03	0.54
14.10	0.31	5,767	171.00	0.49
14.20	0.30	5,707	170.98	0.45
14.30	0.29	5,656	170.96	0.42
14.40	0.28	5,613	170.95	0.39
14.50	0.27	5,576	170.94	0.37
14.60	0.26	5,543	170.92	0.34
14.70	0.25	5,514	170.91	0.33
14.80	0.24	5,487	170.90	0.31
14.90	0.23	5,462	170.90	0.29
15.00	0.22	5,439	170.89	0.28
15.10	0.21	5,417	170.88	0.27
15.20	0.20	5,396	170.87	0.25
15.30	0.19	5,377	170.87	0.24
15.40	0.19	5,360	170.86	0.23
15.50	0.19	5,345	170.85	0.23

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	5,332	170.85	0.22
15.70	0.18	5,321	170.85	0.21
15.80	0.18	5,310	170.84	0.21
15.90	0.18	5,301	170.84	0.20
16.00	0.17	5,292	170.84	0.20
16.10	0.17	5,284	170.83	0.19
16.20	0.17	5,277	170.83	0.19
16.30	0.17	5,270	170.83	0.19
16.40	0.16	5,263	170.82	0.18
16.50	0.16	5,257	170.82	0.18
16.60	0.16	5,250	170.82	0.17
16.70	0.16	5,244	170.82	0.17
16.80	0.15	5,238	170.82	0.17
16.90	0.15	5,232	170.81	0.17
17.00	0.15	5,226	170.81	0.16
17.10	0.14	5,220	170.81	0.16
17.20	0.14	5,214	170.81	0.16
17.30	0.14	5,208	170.81	0.16
17.40	0.14	5,202	170.80	0.15
17.50	0.13	5,196	170.80	0.15
17.60	0.13	5,190	170.80	0.15
17.70	0.13	5,184	170.80	0.14
17.80	0.12	5,178	170.79	0.14
17.90	0.12	5,172	170.79	0.14
18.00	0.12	5,166	170.79	0.14
18.10	0.12	5,161	170.79	0.13
18.20	0.11	5,155	170.79	0.13
18.30	0.11	5,149	170.78	0.13
18.40	0.11	5,144	170.78	0.13
18.50	0.11	5,140	170.78	0.12
18.60	0.11	5,136	170.78	0.12
18.70	0.11	5,132	170.78	0.12
18.80	0.11	5,129	170.78	0.12
18.90	0.11	5,126	170.78	0.12
19.00	0.11	5,123	170.77	0.12
19.10	0.11	5,120	170.77	0.11
19.20	0.11	5,118	170.77	0.11
19.30	0.11	5,116	170.77	0.11
19.40	0.11	5,114	170.77	0.11
19.50	0.10	5,112	170.77	0.11
19.60	0.10	5,109	170.77	0.11
19.70	0.10	5,107	170.77	0.11
19.80	0.10	5,105	170.77	0.11
19.90	0.10	5,103	170.77	0.11
20.00	0.10	5,102	170.77	0.11
20.10	0.10	5,100	170.77	0.11
20.20	0.10	5,098	170.77	0.11
20.30	0.10	5,096	170.76	0.10
20.40	0.10	5,094	170.76	0.10
20.50	0.10	5,092	170.76	0.10
20.60	0.10	5,090	170.76	0.10
20.70	0.10	5,088	170.76	0.10

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	5,086	170.76	0.10
20.90	0.09	5,084	170.76	0.10
21.00	0.09	5,082	170.76	0.10
21.10	0.09	5,081	170.76	0.10
21.20	0.09	5,079	170.76	0.10
21.30	0.09	5,077	170.76	0.10
21.40	0.09	5,075	170.76	0.10
21.50	0.09	5,073	170.76	0.10
21.60	0.09	5,071	170.76	0.10
21.70	0.09	5,069	170.75	0.09
21.80	0.09	5,068	170.75	0.09
21.90	0.09	5,066	170.75	0.09
22.00	0.09	5,064	170.75	0.09
22.10	0.09	5,062	170.75	0.09
22.20	0.09	5,060	170.75	0.09
22.30	0.09	5,058	170.75	0.09
22.40	0.08	5,057	170.75	0.09
22.50	0.08	5,055	170.75	0.09
22.60	0.08	5,053	170.75	0.09
22.70	0.08	5,051	170.75	0.09
22.80	0.08	5,049	170.75	0.09
22.90	0.08	5,047	170.75	0.09
23.00	0.08	5,045	170.75	0.09
23.10	0.08	5,044	170.75	0.08
23.20	0.08	5,042	170.74	0.08
23.30	0.08	5,040	170.74	0.08
23.40	0.08	5,038	170.74	0.08
23.50	0.08	5,036	170.74	0.08
23.60	0.08	5,034	170.74	0.08
23.70	0.08	5,032	170.74	0.08
23.80	0.07	5,031	170.74	0.08
23.90	0.07	5,029	170.74	0.08
24.00	0.08	5,027	170.74	0.08
24.10	0.07	5,026	170.74	0.08
24.20	0.02	5,014	170.73	0.07
24.30	0.00	4,992	170.73	0.07
24.40	0.00	4,971	170.72	0.06
24.50	0.00	4,951	170.71	0.05
24.60	0.00	4,933	170.70	0.05
24.70	0.00	4,916	170.70	0.04
24.80	0.00	4,901	170.69	0.04
24.90	0.00	4,888	170.69	0.04
25.00	0.00	4,876	170.68	0.03
25.10	0.00	4,864	170.68	0.03
25.20	0.00	4,854	170.68	0.03
25.30	0.00	4,845	170.67	0.02
25.40	0.00	4,837	170.67	0.02
25.50	0.00	4,829	170.67	0.02
25.60	0.00	4,821	170.66	0.02
25.70	0.00	4,814	170.66	0.02
25.80	0.00	4,807	170.66	0.02
25.90	0.00	4,801	170.66	0.02

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,794	170.65	0.02
26.10	0.00	4,789	170.65	0.02
26.20	0.00	4,783	170.65	0.01
26.30	0.00	4,778	170.65	0.01
26.40	0.00	4,773	170.65	0.01
26.50	0.00	4,769	170.64	0.01
26.60	0.00	4,764	170.64	0.01
26.70	0.00	4,760	170.64	0.01
26.80	0.00	4,756	170.64	0.01
26.90	0.00	4,752	170.64	0.01
27.00	0.00	4,749	170.64	0.01
27.10	0.00	4,746	170.64	0.01
27.20	0.00	4,743	170.63	0.01
27.30	0.00	4,740	170.63	0.01
27.40	0.00	4,737	170.63	0.01
27.50	0.00	4,734	170.63	0.01
27.60	0.00	4,732	170.63	0.01
27.70	0.00	4,729	170.63	0.01
27.80	0.00	4,727	170.63	0.01
27.90	0.00	4,725	170.63	0.01
28.00	0.00	4,723	170.63	0.01
28.10	0.00	4,721	170.63	0.01
28.20	0.00	4,719	170.63	0.00
28.30	0.00	4,717	170.62	0.00
28.40	0.00	4,716	170.62	0.00
28.50	0.00	4,714	170.62	0.00
28.60	0.00	4,713	170.62	0.00
28.70	0.00	4,711	170.62	0.00
28.80	0.00	4,710	170.62	0.00
28.90	0.00	4,709	170.62	0.00
29.00	0.00	4,707	170.62	0.00
29.10	0.00	4,706	170.62	0.00
29.20	0.00	4,705	170.62	0.00
29.30	0.00	4,703	170.62	0.00
29.40	0.00	4,702	170.62	0.00
29.50	0.00	4,701	170.62	0.00
29.60	0.00	4,700	170.62	0.00
29.70	0.00	4,698	170.62	0.00
29.80	0.00	4,697	170.62	0.00
29.90	0.00	4,696	170.62	0.00
30.00	0.00	4,695	170.62	0.00
30.10	0.00	4,694	170.62	0.00
30.20	0.00	4,693	170.62	0.00
30.30	0.00	4,691	170.61	0.00
30.40	0.00	4,690	170.61	0.00
30.50	0.00	4,689	170.61	0.00
30.60	0.00	4,688	170.61	0.00
30.70	0.00	4,687	170.61	0.00
30.80	0.00	4,686	170.61	0.00
30.90	0.00	4,685	170.61	0.00
31.00	0.00	4,684	170.61	0.00
31.10	0.00	4,683	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,682	170.61	0.00
31.30	0.00	4,681	170.61	0.00
31.40	0.00	4,680	170.61	0.00
31.50	0.00	4,680	170.61	0.00
31.60	0.00	4,679	170.61	0.00
31.70	0.00	4,678	170.61	0.00
31.80	0.00	4,677	170.61	0.00
31.90	0.00	4,676	170.61	0.00
32.00	0.00	4,675	170.61	0.00
32.10	0.00	4,674	170.61	0.00
32.20	0.00	4,674	170.61	0.00
32.30	0.00	4,673	170.61	0.00
32.40	0.00	4,672	170.61	0.00
32.50	0.00	4,671	170.61	0.00
32.60	0.00	4,671	170.61	0.00
32.70	0.00	4,670	170.61	0.00
32.80	0.00	4,669	170.61	0.00
32.90	0.00	4,668	170.61	0.00
33.00	0.00	4,668	170.61	0.00
33.10	0.00	4,667	170.61	0.00
33.20	0.00	4,666	170.61	0.00
33.30	0.00	4,666	170.61	0.00
33.40	0.00	4,665	170.60	0.00
33.50	0.00	4,664	170.60	0.00
33.60	0.00	4,664	170.60	0.00
33.70	0.00	4,663	170.60	0.00
33.80	0.00	4,662	170.60	0.00
33.90	0.00	4,662	170.60	0.00
34.00	0.00	4,661	170.60	0.00
34.10	0.00	4,661	170.60	0.00
34.20	0.00	4,660	170.60	0.00
34.30	0.00	4,660	170.60	0.00
34.40	0.00	4,659	170.60	0.00
34.50	0.00	4,658	170.60	0.00
34.60	0.00	4,658	170.60	0.00
34.70	0.00	4,657	170.60	0.00
34.80	0.00	4,657	170.60	0.00
34.90	0.00	4,656	170.60	0.00
35.00	0.00	4,656	170.60	0.00
35.10	0.00	4,655	170.60	0.00
35.20	0.00	4,655	170.60	0.00
35.30	0.00	4,654	170.60	0.00
35.40	0.00	4,654	170.60	0.00
35.50	0.00	4,653	170.60	0.00
35.60	0.00	4,653	170.60	0.00
35.70	0.00	4,653	170.60	0.00
35.80	0.00	4,652	170.60	0.00
35.90	0.00	4,652	170.60	0.00
36.00	0.00	4,651	170.60	0.00
36.10	0.00	4,651	170.60	0.00
36.20	0.00	4,650	170.60	0.00
36.30	0.00	4,650	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,650	170.60	0.00
36.50	0.00	4,649	170.60	0.00
36.60	0.00	4,649	170.60	0.00
36.70	0.00	4,648	170.60	0.00
36.80	0.00	4,648	170.60	0.00
36.90	0.00	4,648	170.60	0.00
37.00	0.00	4,647	170.60	0.00
37.10	0.00	4,647	170.60	0.00
37.20	0.00	4,647	170.60	0.00
37.30	0.00	4,646	170.60	0.00
37.40	0.00	4,646	170.60	0.00
37.50	0.00	4,646	170.60	0.00
37.60	0.00	4,645	170.60	0.00
37.70	0.00	4,645	170.60	0.00
37.80	0.00	4,645	170.60	0.00
37.90	0.00	4,644	170.60	0.00
38.00	0.00	4,644	170.60	0.00
38.10	0.00	4,644	170.60	0.00
38.20	0.00	4,643	170.60	0.00
38.30	0.00	4,643	170.60	0.00
38.40	0.00	4,643	170.60	0.00
38.50	0.00	4,643	170.60	0.00
38.60	0.00	4,642	170.60	0.00
38.70	0.00	4,642	170.60	0.00
38.80	0.00	4,642	170.60	0.00
38.90	0.00	4,642	170.60	0.00
39.00	0.00	4,641	170.60	0.00
39.10	0.00	4,641	170.60	0.00
39.20	0.00	4,641	170.60	0.00
39.30	0.00	4,641	170.60	0.00
39.40	0.00	4,640	170.60	0.00
39.50	0.00	4,640	170.60	0.00
39.60	0.00	4,640	170.60	0.00
39.70	0.00	4,640	170.60	0.00
39.80	0.00	4,639	170.60	0.00
39.90	0.00	4,639	170.60	0.00
40.00	0.00	4,639	170.59	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 5.30 cfs @ 12.17 hrs, Volume= 0.433 af
 Outflow = 4.43 cfs @ 12.24 hrs, Volume= 0.354 af, Atten= 16%, Lag= 4.2 min
 Primary = 4.43 cfs @ 12.24 hrs, Volume= 0.354 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.62' @ 12.24 hrs Surf.Area= 2,929 sf Storage= 5,261 cf

Plug-Flow detention time= 143.3 min calculated for 0.353 af (82% of inflow)
 Center-of-Mass det. time= 64.0 min (865.3 - 801.3)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=4.40 cfs @ 12.24 hrs HW=168.62' (Free Discharge)

1=Culvert (Passes 4.40 cfs of 11.84 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 4.40 cfs @ 2.63 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

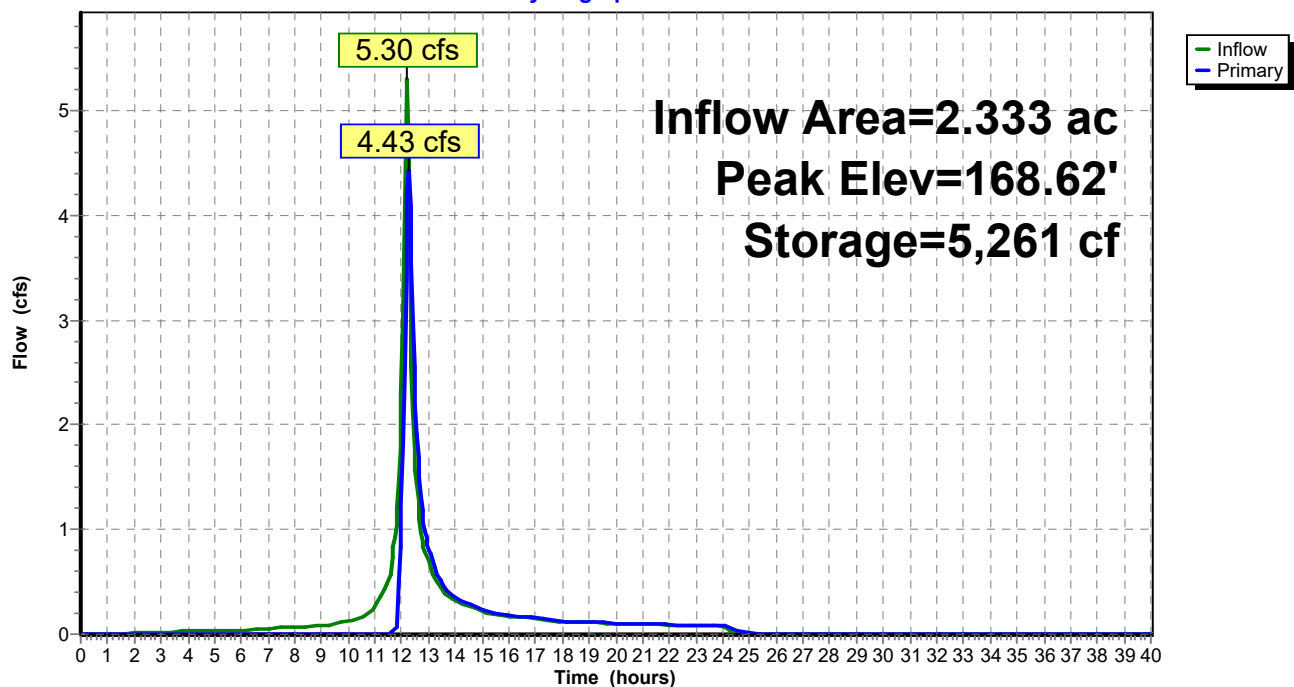
Pond B-28: Basin #28

Orifice Gate

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	0	166.00	0.00
1.30	0.00	1	166.00	0.00
1.40	0.00	2	166.00	0.00
1.50	0.01	4	166.00	0.00
1.60	0.01	6	166.01	0.00
1.70	0.01	8	166.01	0.00
1.80	0.01	11	166.01	0.00
1.90	0.01	15	166.01	0.00
2.00	0.01	19	166.02	0.00
2.10	0.01	23	166.02	0.00
2.20	0.01	27	166.02	0.00
2.30	0.01	32	166.03	0.00
2.40	0.02	38	166.03	0.00
2.50	0.02	44	166.04	0.00
2.60	0.02	50	166.04	0.00
2.70	0.02	56	166.05	0.00
2.80	0.02	63	166.05	0.00
2.90	0.02	70	166.06	0.00
3.00	0.02	77	166.07	0.00
3.10	0.02	85	166.07	0.00
3.20	0.02	93	166.08	0.00
3.30	0.02	101	166.09	0.00
3.40	0.02	110	166.09	0.00
3.50	0.02	118	166.10	0.00
3.60	0.03	128	166.11	0.00
3.70	0.03	137	166.12	0.00
3.80	0.03	147	166.12	0.00
3.90	0.03	157	166.13	0.00
4.00	0.03	167	166.14	0.00
4.10	0.03	177	166.15	0.00
4.20	0.03	188	166.16	0.00
4.30	0.03	199	166.17	0.00
4.40	0.03	210	166.17	0.00
4.50	0.03	221	166.18	0.00
4.60	0.03	233	166.19	0.00
4.70	0.03	245	166.20	0.00
4.80	0.03	257	166.21	0.00
4.90	0.03	269	166.22	0.00
5.00	0.03	281	166.23	0.00
5.10	0.04	294	166.24	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	307	166.25	0.00
5.30	0.04	320	166.26	0.00
5.40	0.04	333	166.27	0.00
5.50	0.04	347	166.28	0.00
5.60	0.04	361	166.29	0.00
5.70	0.04	375	166.30	0.00
5.80	0.04	389	166.31	0.00
5.90	0.04	403	166.32	0.00
6.00	0.04	417	166.33	0.00
6.10	0.04	432	166.34	0.00
6.20	0.04	447	166.36	0.00
6.30	0.04	463	166.37	0.00
6.40	0.04	479	166.38	0.00
6.50	0.05	495	166.39	0.00
6.60	0.05	512	166.40	0.00
6.70	0.05	529	166.41	0.00
6.80	0.05	547	166.43	0.00
6.90	0.05	565	166.44	0.00
7.00	0.05	584	166.45	0.00
7.10	0.05	603	166.47	0.00
7.20	0.06	623	166.48	0.00
7.30	0.06	643	166.49	0.00
7.40	0.06	664	166.51	0.00
7.50	0.06	685	166.52	0.00
7.60	0.06	707	166.54	0.00
7.70	0.06	729	166.55	0.00
7.80	0.06	751	166.57	0.00
7.90	0.06	774	166.58	0.00
8.00	0.07	798	166.60	0.00
8.10	0.07	822	166.61	0.00
8.20	0.07	847	166.63	0.00
8.30	0.07	872	166.65	0.00
8.40	0.07	897	166.66	0.00
8.50	0.07	923	166.68	0.00
8.60	0.07	950	166.70	0.00
8.70	0.08	977	166.71	0.00
8.80	0.08	1,005	166.73	0.00
8.90	0.08	1,033	166.75	0.00
9.00	0.08	1,061	166.77	0.00
9.10	0.08	1,090	166.78	0.00
9.20	0.09	1,121	166.80	0.00
9.30	0.09	1,152	166.82	0.00
9.40	0.10	1,186	166.84	0.00
9.50	0.10	1,221	166.86	0.00
9.60	0.10	1,257	166.88	0.00
9.70	0.11	1,296	166.91	0.00
9.80	0.11	1,336	166.93	0.00
9.90	0.12	1,378	166.95	0.00
10.00	0.12	1,421	166.98	0.00
10.10	0.13	1,466	167.00	0.00
10.20	0.13	1,513	167.03	0.00
10.30	0.14	1,563	167.06	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,615	167.09	0.00
10.50	0.16	1,670	167.11	0.00
10.60	0.17	1,729	167.15	0.00
10.70	0.19	1,793	167.18	0.00
10.80	0.21	1,865	167.22	0.00
10.90	0.24	1,945	167.26	0.00
11.00	0.26	2,035	167.30	0.00
11.10	0.29	2,135	167.35	0.00
11.20	0.34	2,249	167.41	0.00
11.30	0.39	2,380	167.47	0.00
11.40	0.44	2,530	167.54	0.00
11.50	0.50	2,700	167.62	0.00
11.60	0.62	2,897	167.71	0.00
11.70	0.83	3,160	167.82	0.00
11.80	1.04	3,491	167.96	0.02
11.90	1.45	3,849	168.11	0.50
12.00	2.29	4,195	168.24	1.25
12.10	4.09	4,654	168.41	2.50
12.20	5.16	5,197	168.60	4.21
12.30	3.20	5,159	168.59	4.08
12.40	2.10	4,822	168.47	3.00
12.50	1.56	4,545	168.37	2.18
12.60	1.28	4,367	168.30	1.69
12.70	0.97	4,226	168.25	1.33
12.80	0.84	4,120	168.21	1.07
12.90	0.76	4,051	168.18	0.92
13.00	0.69	4,002	168.17	0.81
13.10	0.62	3,962	168.15	0.72
13.20	0.55	3,926	168.14	0.65
13.30	0.51	3,895	168.12	0.59
13.40	0.47	3,869	168.11	0.53
13.50	0.43	3,846	168.11	0.49
13.60	0.39	3,824	168.10	0.45
13.70	0.36	3,803	168.09	0.41
13.80	0.34	3,785	168.08	0.38
13.90	0.33	3,773	168.08	0.36
14.00	0.32	3,763	168.07	0.34
14.10	0.31	3,756	168.07	0.33
14.20	0.30	3,749	168.07	0.32
14.30	0.29	3,742	168.06	0.31
14.40	0.28	3,735	168.06	0.30
14.50	0.27	3,728	168.06	0.29
14.60	0.26	3,722	168.06	0.28
14.70	0.25	3,715	168.05	0.27
14.80	0.24	3,708	168.05	0.26
14.90	0.23	3,701	168.05	0.25
15.00	0.22	3,694	168.04	0.24
15.10	0.21	3,687	168.04	0.23
15.20	0.20	3,681	168.04	0.22
15.30	0.20	3,675	168.04	0.21
15.40	0.19	3,671	168.04	0.20
15.50	0.19	3,668	168.03	0.20

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	3,665	168.03	0.20
15.70	0.19	3,663	168.03	0.19
15.80	0.18	3,661	168.03	0.19
15.90	0.18	3,659	168.03	0.19
16.00	0.18	3,657	168.03	0.18
16.10	0.17	3,655	168.03	0.18
16.20	0.17	3,653	168.03	0.18
16.30	0.17	3,651	168.03	0.17
16.40	0.17	3,650	168.03	0.17
16.50	0.16	3,648	168.03	0.17
16.60	0.16	3,646	168.03	0.17
16.70	0.16	3,644	168.02	0.16
16.80	0.16	3,642	168.02	0.16
16.90	0.15	3,640	168.02	0.16
17.00	0.15	3,638	168.02	0.16
17.10	0.15	3,636	168.02	0.15
17.20	0.14	3,634	168.02	0.15
17.30	0.14	3,631	168.02	0.15
17.40	0.14	3,629	168.02	0.15
17.50	0.14	3,627	168.02	0.14
17.60	0.13	3,624	168.02	0.14
17.70	0.13	3,622	168.02	0.14
17.80	0.13	3,620	168.01	0.13
17.90	0.13	3,618	168.01	0.13
18.00	0.12	3,615	168.01	0.13
18.10	0.12	3,613	168.01	0.13
18.20	0.12	3,611	168.01	0.12
18.30	0.12	3,609	168.01	0.12
18.40	0.12	3,607	168.01	0.12
18.50	0.11	3,606	168.01	0.12
18.60	0.11	3,605	168.01	0.12
18.70	0.11	3,604	168.01	0.12
18.80	0.11	3,603	168.01	0.11
18.90	0.11	3,603	168.01	0.11
19.00	0.11	3,602	168.01	0.11
19.10	0.11	3,602	168.01	0.11
19.20	0.11	3,601	168.01	0.11
19.30	0.11	3,600	168.01	0.11
19.40	0.11	3,600	168.01	0.11
19.50	0.11	3,599	168.01	0.11
19.60	0.11	3,599	168.01	0.11
19.70	0.11	3,598	168.01	0.11
19.80	0.11	3,598	168.01	0.11
19.90	0.11	3,597	168.01	0.11
20.00	0.10	3,597	168.01	0.11
20.10	0.10	3,596	168.01	0.11
20.20	0.10	3,595	168.01	0.10
20.30	0.10	3,595	168.00	0.10
20.40	0.10	3,594	168.00	0.10
20.50	0.10	3,594	168.00	0.10
20.60	0.10	3,593	168.00	0.10
20.70	0.10	3,593	168.00	0.10

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	3,592	168.00	0.10
20.90	0.10	3,591	168.00	0.10
21.00	0.10	3,591	168.00	0.10
21.10	0.10	3,590	168.00	0.10
21.20	0.10	3,590	168.00	0.10
21.30	0.10	3,589	168.00	0.10
21.40	0.10	3,589	168.00	0.10
21.50	0.09	3,588	168.00	0.10
21.60	0.09	3,587	168.00	0.10
21.70	0.09	3,587	168.00	0.09
21.80	0.09	3,586	168.00	0.09
21.90	0.09	3,586	168.00	0.09
22.00	0.09	3,585	168.00	0.09
22.10	0.09	3,585	168.00	0.09
22.20	0.09	3,584	168.00	0.09
22.30	0.09	3,583	168.00	0.09
22.40	0.09	3,583	168.00	0.09
22.50	0.09	3,582	168.00	0.09
22.60	0.09	3,582	168.00	0.09
22.70	0.09	3,581	168.00	0.09
22.80	0.08	3,580	168.00	0.09
22.90	0.08	3,579	168.00	0.09
23.00	0.08	3,579	168.00	0.09
23.10	0.08	3,578	168.00	0.08
23.20	0.08	3,577	168.00	0.08
23.30	0.08	3,577	168.00	0.08
23.40	0.08	3,576	168.00	0.08
23.50	0.08	3,575	168.00	0.08
23.60	0.08	3,574	168.00	0.08
23.70	0.08	3,574	168.00	0.08
23.80	0.08	3,573	168.00	0.08
23.90	0.08	3,572	168.00	0.08
24.00	0.08	3,572	168.00	0.08
24.10	0.07	3,572	168.00	0.08
24.20	0.02	3,561	167.99	0.07
24.30	0.00	3,543	167.98	0.05
24.40	0.00	3,528	167.98	0.04
24.50	0.00	3,516	167.97	0.03
24.60	0.00	3,506	167.97	0.03
24.70	0.00	3,497	167.96	0.02
24.80	0.00	3,490	167.96	0.02
24.90	0.00	3,485	167.96	0.01
25.00	0.00	3,480	167.96	0.01
25.10	0.00	3,477	167.96	0.01
25.20	0.00	3,474	167.96	0.01
25.30	0.00	3,471	167.95	0.01
25.40	0.00	3,469	167.95	0.00
25.50	0.00	3,468	167.95	0.00
25.60	0.00	3,466	167.95	0.00
25.70	0.00	3,465	167.95	0.00
25.80	0.00	3,464	167.95	0.00
25.90	0.00	3,464	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,463	167.95	0.00
26.10	0.00	3,463	167.95	0.00
26.20	0.00	3,462	167.95	0.00
26.30	0.00	3,462	167.95	0.00
26.40	0.00	3,462	167.95	0.00
26.50	0.00	3,462	167.95	0.00
26.60	0.00	3,461	167.95	0.00
26.70	0.00	3,461	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

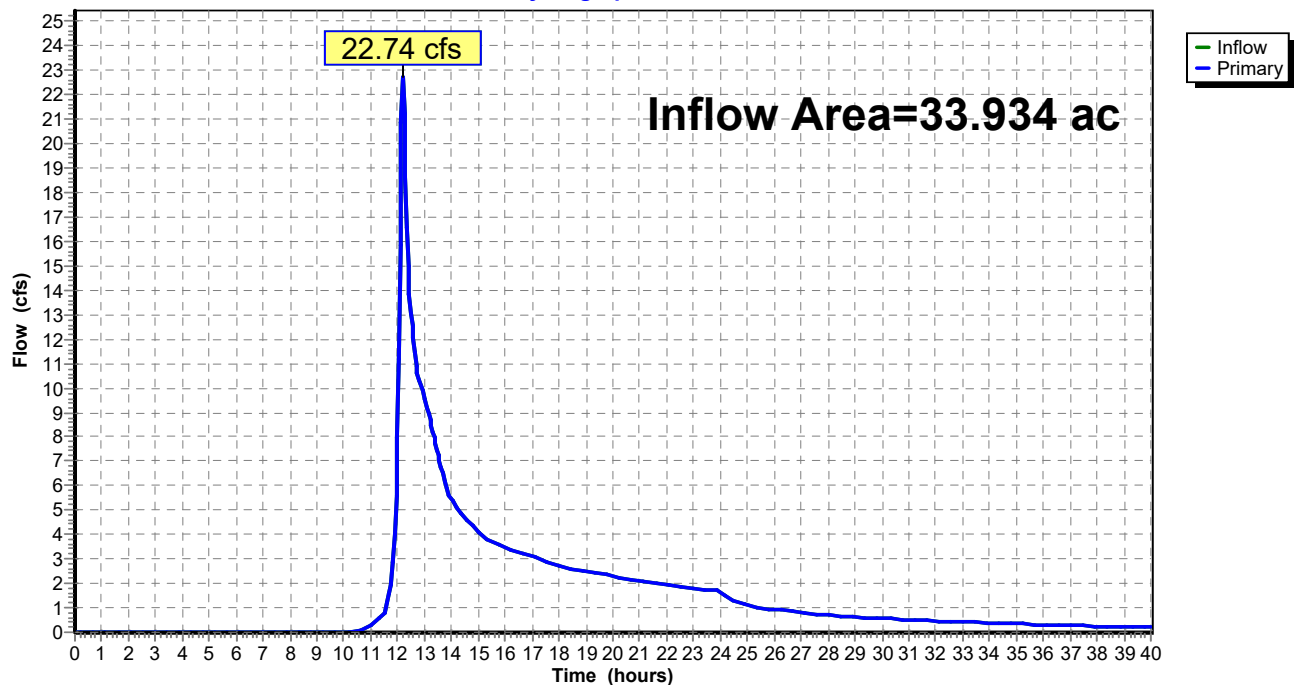
Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 1.72" for Future 2 yr event
Inflow = 22.74 cfs @ 12.20 hrs, Volume= 4.874 af
Primary = 22.74 cfs @ 12.20 hrs, Volume= 4.874 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph



Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.01	0.00	0.01
7.65	0.00	0.00	0.00	10.25	0.02	0.00	0.02
7.70	0.00	0.00	0.00	10.30	0.02	0.00	0.02
7.75	0.00	0.00	0.00	10.35	0.03	0.00	0.03

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.04	0.00	0.04	13.00	9.65	0.00	9.65
10.45	0.05	0.00	0.05	13.05	9.45	0.00	9.45
10.50	0.06	0.00	0.06	13.10	9.21	0.00	9.21
10.55	0.07	0.00	0.07	13.15	8.96	0.00	8.96
10.60	0.08	0.00	0.08	13.20	8.69	0.00	8.69
10.65	0.10	0.00	0.10	13.25	8.44	0.00	8.44
10.70	0.11	0.00	0.11	13.30	8.19	0.00	8.19
10.75	0.13	0.00	0.13	13.35	7.95	0.00	7.95
10.80	0.15	0.00	0.15	13.40	7.71	0.00	7.71
10.85	0.17	0.00	0.17	13.45	7.48	0.00	7.48
10.90	0.20	0.00	0.20	13.50	7.24	0.00	7.24
10.95	0.22	0.00	0.22	13.55	7.00	0.00	7.00
11.00	0.25	0.00	0.25	13.60	6.75	0.00	6.75
11.05	0.28	0.00	0.28	13.65	6.51	0.00	6.51
11.10	0.32	0.00	0.32	13.70	6.29	0.00	6.29
11.15	0.36	0.00	0.36	13.75	6.10	0.00	6.10
11.20	0.41	0.00	0.41	13.80	5.93	0.00	5.93
11.25	0.46	0.00	0.46	13.85	5.79	0.00	5.79
11.30	0.51	0.00	0.51	13.90	5.67	0.00	5.67
11.35	0.58	0.00	0.58	13.95	5.55	0.00	5.55
11.40	0.64	0.00	0.64	14.00	5.44	0.00	5.44
11.45	0.71	0.00	0.71	14.05	5.34	0.00	5.34
11.50	0.79	0.00	0.79	14.10	5.25	0.00	5.25
11.55	0.88	0.00	0.88	14.15	5.17	0.00	5.17
11.60	1.06	0.00	1.06	14.20	5.09	0.00	5.09
11.65	1.32	0.00	1.32	14.25	5.02	0.00	5.02
11.70	1.56	0.00	1.56	14.30	4.96	0.00	4.96
11.75	1.78	0.00	1.78	14.35	4.89	0.00	4.89
11.80	2.13	0.00	2.13	14.40	4.82	0.00	4.82
11.85	2.87	0.00	2.87	14.45	4.76	0.00	4.76
11.90	4.01	0.00	4.01	14.50	4.69	0.00	4.69
11.95	5.60	0.00	5.60	14.55	4.63	0.00	4.63
12.00	7.95	0.00	7.95	14.60	4.57	0.00	4.57
12.05	11.22	0.00	11.22	14.65	4.51	0.00	4.51
12.10	15.83	0.00	15.83	14.70	4.45	0.00	4.45
12.15	20.91	0.00	20.91	14.75	4.40	0.00	4.40
12.20	22.73	0.00	22.73	14.80	4.34	0.00	4.34
12.25	21.23	0.00	21.23	14.85	4.29	0.00	4.29
12.30	18.72	0.00	18.72	14.90	4.23	0.00	4.23
12.35	16.54	0.00	16.54	14.95	4.18	0.00	4.18
12.40	14.96	0.00	14.96	15.00	4.13	0.00	4.13
12.45	13.82	0.00	13.82	15.05	4.08	0.00	4.08
12.50	13.03	0.00	13.03	15.10	4.03	0.00	4.03
12.55	12.53	0.00	12.53	15.15	3.98	0.00	3.98
12.60	12.06	0.00	12.06	15.20	3.93	0.00	3.93
12.65	11.45	0.00	11.45	15.25	3.89	0.00	3.89
12.70	10.93	0.00	10.93	15.30	3.85	0.00	3.85
12.75	10.61	0.00	10.61	15.35	3.82	0.00	3.82
12.80	10.39	0.00	10.39	15.40	3.79	0.00	3.79
12.85	10.22	0.00	10.22	15.45	3.76	0.00	3.76
12.90	10.03	0.00	10.03	15.50	3.73	0.00	3.73
12.95	9.83	0.00	9.83	15.55	3.71	0.00	3.71

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.68	0.00	3.68	18.20	2.67	0.00	2.67
15.65	3.65	0.00	3.65	18.25	2.65	0.00	2.65
15.70	3.63	0.00	3.63	18.30	2.64	0.00	2.64
15.75	3.60	0.00	3.60	18.35	2.63	0.00	2.63
15.80	3.58	0.00	3.58	18.40	2.62	0.00	2.62
15.85	3.56	0.00	3.56	18.45	2.61	0.00	2.61
15.90	3.54	0.00	3.54	18.50	2.60	0.00	2.60
15.95	3.51	0.00	3.51	18.55	2.59	0.00	2.59
16.00	3.49	0.00	3.49	18.60	2.58	0.00	2.58
16.05	3.47	0.00	3.47	18.65	2.57	0.00	2.57
16.10	3.45	0.00	3.45	18.70	2.56	0.00	2.56
16.15	3.43	0.00	3.43	18.75	2.55	0.00	2.55
16.20	3.41	0.00	3.41	18.80	2.54	0.00	2.54
16.25	3.39	0.00	3.39	18.85	2.53	0.00	2.53
16.30	3.36	0.00	3.36	18.90	2.52	0.00	2.52
16.35	3.34	0.00	3.34	18.95	2.51	0.00	2.51
16.40	3.32	0.00	3.32	19.00	2.50	0.00	2.50
16.45	3.30	0.00	3.30	19.05	2.49	0.00	2.49
16.50	3.28	0.00	3.28	19.10	2.48	0.00	2.48
16.55	3.26	0.00	3.26	19.15	2.47	0.00	2.47
16.60	3.24	0.00	3.24	19.20	2.46	0.00	2.46
16.65	3.22	0.00	3.22	19.25	2.45	0.00	2.45
16.70	3.20	0.00	3.20	19.30	2.44	0.00	2.44
16.75	3.19	0.00	3.19	19.35	2.43	0.00	2.43
16.80	3.17	0.00	3.17	19.40	2.42	0.00	2.42
16.85	3.15	0.00	3.15	19.45	2.41	0.00	2.41
16.90	3.13	0.00	3.13	19.50	2.40	0.00	2.40
16.95	3.11	0.00	3.11	19.55	2.39	0.00	2.39
17.00	3.09	0.00	3.09	19.60	2.38	0.00	2.38
17.05	3.07	0.00	3.07	19.65	2.37	0.00	2.37
17.10	3.06	0.00	3.06	19.70	2.36	0.00	2.36
17.15	3.04	0.00	3.04	19.75	2.35	0.00	2.35
17.20	3.02	0.00	3.02	19.80	2.34	0.00	2.34
17.25	3.00	0.00	3.00	19.85	2.33	0.00	2.33
17.30	2.98	0.00	2.98	19.90	2.32	0.00	2.32
17.35	2.97	0.00	2.97	19.95	2.31	0.00	2.31
17.40	2.95	0.00	2.95	20.00	2.30	0.00	2.30
17.45	2.93	0.00	2.93	20.05	2.29	0.00	2.29
17.50	2.91	0.00	2.91	20.10	2.28	0.00	2.28
17.55	2.89	0.00	2.89	20.15	2.27	0.00	2.27
17.60	2.88	0.00	2.88	20.20	2.26	0.00	2.26
17.65	2.86	0.00	2.86	20.25	2.25	0.00	2.25
17.70	2.84	0.00	2.84	20.30	2.25	0.00	2.25
17.75	2.82	0.00	2.82	20.35	2.24	0.00	2.24
17.80	2.80	0.00	2.80	20.40	2.23	0.00	2.23
17.85	2.79	0.00	2.79	20.45	2.22	0.00	2.22
17.90	2.77	0.00	2.77	20.50	2.21	0.00	2.21
17.95	2.75	0.00	2.75	20.55	2.20	0.00	2.20
18.00	2.73	0.00	2.73	20.60	2.19	0.00	2.19
18.05	2.72	0.00	2.72	20.65	2.18	0.00	2.18
18.10	2.70	0.00	2.70	20.70	2.18	0.00	2.18
18.15	2.68	0.00	2.68	20.75	2.17	0.00	2.17

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.16	0.00	2.16	23.40	1.75	0.00	1.75
20.85	2.15	0.00	2.15	23.45	1.75	0.00	1.75
20.90	2.14	0.00	2.14	23.50	1.74	0.00	1.74
20.95	2.13	0.00	2.13	23.55	1.73	0.00	1.73
21.00	2.12	0.00	2.12	23.60	1.73	0.00	1.73
21.05	2.11	0.00	2.11	23.65	1.72	0.00	1.72
21.10	2.10	0.00	2.10	23.70	1.71	0.00	1.71
21.15	2.09	0.00	2.09	23.75	1.71	0.00	1.71
21.20	2.08	0.00	2.08	23.80	1.70	0.00	1.70
21.25	2.08	0.00	2.08	23.85	1.69	0.00	1.69
21.30	2.07	0.00	2.07	23.90	1.69	0.00	1.69
21.35	2.06	0.00	2.06	23.95	1.68	0.00	1.68
21.40	2.05	0.00	2.05	24.00	1.69	0.00	1.69
21.45	2.04	0.00	2.04	24.05	1.70	0.00	1.70
21.50	2.03	0.00	2.03	24.10	1.64	0.00	1.64
21.55	2.03	0.00	2.03	24.15	1.53	0.00	1.53
21.60	2.02	0.00	2.02	24.20	1.43	0.00	1.43
21.65	2.01	0.00	2.01	24.25	1.37	0.00	1.37
21.70	2.00	0.00	2.00	24.30	1.33	0.00	1.33
21.75	1.99	0.00	1.99	24.35	1.30	0.00	1.30
21.80	1.98	0.00	1.98	24.40	1.28	0.00	1.28
21.85	1.98	0.00	1.98	24.45	1.26	0.00	1.26
21.90	1.97	0.00	1.97	24.50	1.25	0.00	1.25
21.95	1.96	0.00	1.96	24.55	1.23	0.00	1.23
22.00	1.95	0.00	1.95	24.60	1.21	0.00	1.21
22.05	1.95	0.00	1.95	24.65	1.20	0.00	1.20
22.10	1.94	0.00	1.94	24.70	1.19	0.00	1.19
22.15	1.93	0.00	1.93	24.75	1.17	0.00	1.17
22.20	1.92	0.00	1.92	24.80	1.16	0.00	1.16
22.25	1.92	0.00	1.92	24.85	1.15	0.00	1.15
22.30	1.91	0.00	1.91	24.90	1.13	0.00	1.13
22.35	1.90	0.00	1.90	24.95	1.12	0.00	1.12
22.40	1.89	0.00	1.89	25.00	1.11	0.00	1.11
22.45	1.89	0.00	1.89	25.05	1.10	0.00	1.10
22.50	1.88	0.00	1.88	25.10	1.09	0.00	1.09
22.55	1.87	0.00	1.87	25.15	1.08	0.00	1.08
22.60	1.86	0.00	1.86	25.20	1.07	0.00	1.07
22.65	1.86	0.00	1.86	25.25	1.06	0.00	1.06
22.70	1.85	0.00	1.85	25.30	1.05	0.00	1.05
22.75	1.84	0.00	1.84	25.35	1.04	0.00	1.04
22.80	1.84	0.00	1.84	25.40	1.03	0.00	1.03
22.85	1.83	0.00	1.83	25.45	1.02	0.00	1.02
22.90	1.82	0.00	1.82	25.50	1.01	0.00	1.01
22.95	1.81	0.00	1.81	25.55	1.00	0.00	1.00
23.00	1.81	0.00	1.81	25.60	1.00	0.00	1.00
23.05	1.80	0.00	1.80	25.65	0.99	0.00	0.99
23.10	1.80	0.00	1.80	25.70	0.98	0.00	0.98
23.15	1.79	0.00	1.79	25.75	0.97	0.00	0.97
23.20	1.78	0.00	1.78	25.80	0.96	0.00	0.96
23.25	1.77	0.00	1.77	25.85	0.96	0.00	0.96
23.30	1.77	0.00	1.77	25.90	0.95	0.00	0.95
23.35	1.76	0.00	1.76	25.95	0.94	0.00	0.94

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.93	0.00	0.93	28.60	0.66	0.00	0.66
26.05	0.93	0.00	0.93	28.65	0.65	0.00	0.65
26.10	0.92	0.00	0.92	28.70	0.65	0.00	0.65
26.15	0.91	0.00	0.91	28.75	0.65	0.00	0.65
26.20	0.91	0.00	0.91	28.80	0.64	0.00	0.64
26.25	0.90	0.00	0.90	28.85	0.64	0.00	0.64
26.30	0.89	0.00	0.89	28.90	0.64	0.00	0.64
26.35	0.89	0.00	0.89	28.95	0.63	0.00	0.63
26.40	0.88	0.00	0.88	29.00	0.63	0.00	0.63
26.45	0.87	0.00	0.87	29.05	0.63	0.00	0.63
26.50	0.87	0.00	0.87	29.10	0.62	0.00	0.62
26.55	0.86	0.00	0.86	29.15	0.62	0.00	0.62
26.60	0.85	0.00	0.85	29.20	0.62	0.00	0.62
26.65	0.85	0.00	0.85	29.25	0.61	0.00	0.61
26.70	0.84	0.00	0.84	29.30	0.61	0.00	0.61
26.75	0.84	0.00	0.84	29.35	0.60	0.00	0.60
26.80	0.83	0.00	0.83	29.40	0.60	0.00	0.60
26.85	0.82	0.00	0.82	29.45	0.60	0.00	0.60
26.90	0.82	0.00	0.82	29.50	0.59	0.00	0.59
26.95	0.81	0.00	0.81	29.55	0.59	0.00	0.59
27.00	0.81	0.00	0.81	29.60	0.59	0.00	0.59
27.05	0.80	0.00	0.80	29.65	0.58	0.00	0.58
27.10	0.79	0.00	0.79	29.70	0.58	0.00	0.58
27.15	0.79	0.00	0.79	29.75	0.58	0.00	0.58
27.20	0.78	0.00	0.78	29.80	0.57	0.00	0.57
27.25	0.78	0.00	0.78	29.85	0.57	0.00	0.57
27.30	0.77	0.00	0.77	29.90	0.57	0.00	0.57
27.35	0.77	0.00	0.77	29.95	0.57	0.00	0.57
27.40	0.76	0.00	0.76	30.00	0.56	0.00	0.56
27.45	0.76	0.00	0.76	30.05	0.56	0.00	0.56
27.50	0.75	0.00	0.75	30.10	0.56	0.00	0.56
27.55	0.75	0.00	0.75	30.15	0.55	0.00	0.55
27.60	0.74	0.00	0.74	30.20	0.55	0.00	0.55
27.65	0.74	0.00	0.74	30.25	0.55	0.00	0.55
27.70	0.73	0.00	0.73	30.30	0.54	0.00	0.54
27.75	0.73	0.00	0.73	30.35	0.54	0.00	0.54
27.80	0.72	0.00	0.72	30.40	0.54	0.00	0.54
27.85	0.72	0.00	0.72	30.45	0.54	0.00	0.54
27.90	0.71	0.00	0.71	30.50	0.53	0.00	0.53
27.95	0.71	0.00	0.71	30.55	0.53	0.00	0.53
28.00	0.71	0.00	0.71	30.60	0.53	0.00	0.53
28.05	0.70	0.00	0.70	30.65	0.52	0.00	0.52
28.10	0.70	0.00	0.70	30.70	0.52	0.00	0.52
28.15	0.69	0.00	0.69	30.75	0.52	0.00	0.52
28.20	0.69	0.00	0.69	30.80	0.52	0.00	0.52
28.25	0.68	0.00	0.68	30.85	0.51	0.00	0.51
28.30	0.68	0.00	0.68	30.90	0.51	0.00	0.51
28.35	0.68	0.00	0.68	30.95	0.51	0.00	0.51
28.40	0.67	0.00	0.67	31.00	0.51	0.00	0.51
28.45	0.67	0.00	0.67	31.05	0.50	0.00	0.50
28.50	0.66	0.00	0.66	31.10	0.50	0.00	0.50
28.55	0.66	0.00	0.66	31.15	0.50	0.00	0.50

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.50	0.00	0.50	33.80	0.39	0.00	0.39
31.25	0.49	0.00	0.49	33.85	0.39	0.00	0.39
31.30	0.49	0.00	0.49	33.90	0.38	0.00	0.38
31.35	0.49	0.00	0.49	33.95	0.38	0.00	0.38
31.40	0.49	0.00	0.49	34.00	0.38	0.00	0.38
31.45	0.48	0.00	0.48	34.05	0.38	0.00	0.38
31.50	0.48	0.00	0.48	34.10	0.38	0.00	0.38
31.55	0.48	0.00	0.48	34.15	0.38	0.00	0.38
31.60	0.48	0.00	0.48	34.20	0.37	0.00	0.37
31.65	0.48	0.00	0.48	34.25	0.37	0.00	0.37
31.70	0.47	0.00	0.47	34.30	0.37	0.00	0.37
31.75	0.47	0.00	0.47	34.35	0.37	0.00	0.37
31.80	0.47	0.00	0.47	34.40	0.37	0.00	0.37
31.85	0.47	0.00	0.47	34.45	0.36	0.00	0.36
31.90	0.46	0.00	0.46	34.50	0.36	0.00	0.36
31.95	0.46	0.00	0.46	34.55	0.36	0.00	0.36
32.00	0.46	0.00	0.46	34.60	0.36	0.00	0.36
32.05	0.46	0.00	0.46	34.65	0.36	0.00	0.36
32.10	0.46	0.00	0.46	34.70	0.36	0.00	0.36
32.15	0.45	0.00	0.45	34.75	0.35	0.00	0.35
32.20	0.45	0.00	0.45	34.80	0.35	0.00	0.35
32.25	0.45	0.00	0.45	34.85	0.35	0.00	0.35
32.30	0.45	0.00	0.45	34.90	0.35	0.00	0.35
32.35	0.44	0.00	0.44	34.95	0.35	0.00	0.35
32.40	0.44	0.00	0.44	35.00	0.35	0.00	0.35
32.45	0.44	0.00	0.44	35.05	0.34	0.00	0.34
32.50	0.44	0.00	0.44	35.10	0.34	0.00	0.34
32.55	0.44	0.00	0.44	35.15	0.34	0.00	0.34
32.60	0.43	0.00	0.43	35.20	0.34	0.00	0.34
32.65	0.43	0.00	0.43	35.25	0.34	0.00	0.34
32.70	0.43	0.00	0.43	35.30	0.33	0.00	0.33
32.75	0.43	0.00	0.43	35.35	0.33	0.00	0.33
32.80	0.43	0.00	0.43	35.40	0.33	0.00	0.33
32.85	0.42	0.00	0.42	35.45	0.33	0.00	0.33
32.90	0.42	0.00	0.42	35.50	0.33	0.00	0.33
32.95	0.42	0.00	0.42	35.55	0.33	0.00	0.33
33.00	0.42	0.00	0.42	35.60	0.32	0.00	0.32
33.05	0.42	0.00	0.42	35.65	0.32	0.00	0.32
33.10	0.41	0.00	0.41	35.70	0.32	0.00	0.32
33.15	0.41	0.00	0.41	35.75	0.32	0.00	0.32
33.20	0.41	0.00	0.41	35.80	0.32	0.00	0.32
33.25	0.41	0.00	0.41	35.85	0.32	0.00	0.32
33.30	0.41	0.00	0.41	35.90	0.31	0.00	0.31
33.35	0.40	0.00	0.40	35.95	0.31	0.00	0.31
33.40	0.40	0.00	0.40	36.00	0.31	0.00	0.31
33.45	0.40	0.00	0.40	36.05	0.31	0.00	0.31
33.50	0.40	0.00	0.40	36.10	0.31	0.00	0.31
33.55	0.40	0.00	0.40	36.15	0.31	0.00	0.31
33.60	0.40	0.00	0.40	36.20	0.30	0.00	0.30
33.65	0.39	0.00	0.39	36.25	0.30	0.00	0.30
33.70	0.39	0.00	0.39	36.30	0.30	0.00	0.30
33.75	0.39	0.00	0.39	36.35	0.30	0.00	0.30

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.30	0.00	0.30	39.00	0.21	0.00	0.21
36.45	0.30	0.00	0.30	39.05	0.21	0.00	0.21
36.50	0.29	0.00	0.29	39.10	0.21	0.00	0.21
36.55	0.29	0.00	0.29	39.15	0.21	0.00	0.21
36.60	0.29	0.00	0.29	39.20	0.20	0.00	0.20
36.65	0.29	0.00	0.29	39.25	0.20	0.00	0.20
36.70	0.29	0.00	0.29	39.30	0.20	0.00	0.20
36.75	0.29	0.00	0.29	39.35	0.20	0.00	0.20
36.80	0.28	0.00	0.28	39.40	0.20	0.00	0.20
36.85	0.28	0.00	0.28	39.45	0.20	0.00	0.20
36.90	0.28	0.00	0.28	39.50	0.19	0.00	0.19
36.95	0.28	0.00	0.28	39.55	0.19	0.00	0.19
37.00	0.28	0.00	0.28	39.60	0.19	0.00	0.19
37.05	0.28	0.00	0.28	39.65	0.19	0.00	0.19
37.10	0.27	0.00	0.27	39.70	0.19	0.00	0.19
37.15	0.27	0.00	0.27	39.75	0.19	0.00	0.19
37.20	0.27	0.00	0.27	39.80	0.19	0.00	0.19
37.25	0.27	0.00	0.27	39.85	0.18	0.00	0.18
37.30	0.27	0.00	0.27	39.90	0.18	0.00	0.18
37.35	0.27	0.00	0.27	39.95	0.18	0.00	0.18
37.40	0.26	0.00	0.26	40.00	0.18	0.00	0.18
37.45	0.26	0.00	0.26				
37.50	0.26	0.00	0.26				
37.55	0.26	0.00	0.26				
37.60	0.26	0.00	0.26				
37.65	0.26	0.00	0.26				
37.70	0.25	0.00	0.25				
37.75	0.25	0.00	0.25				
37.80	0.25	0.00	0.25				
37.85	0.25	0.00	0.25				
37.90	0.25	0.00	0.25				
37.95	0.25	0.00	0.25				
38.00	0.24	0.00	0.24				
38.05	0.24	0.00	0.24				
38.10	0.24	0.00	0.24				
38.15	0.24	0.00	0.24				
38.20	0.24	0.00	0.24				
38.25	0.24	0.00	0.24				
38.30	0.23	0.00	0.23				
38.35	0.23	0.00	0.23				
38.40	0.23	0.00	0.23				
38.45	0.23	0.00	0.23				
38.50	0.23	0.00	0.23				
38.55	0.23	0.00	0.23				
38.60	0.22	0.00	0.22				
38.65	0.22	0.00	0.22				
38.70	0.22	0.00	0.22				
38.75	0.22	0.00	0.22				
38.80	0.22	0.00	0.22				
38.85	0.22	0.00	0.22				
38.90	0.21	0.00	0.21				
38.95	0.21	0.00	0.21				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 2.38 cfs @ 12.17 hrs, Volume= 0.209 af, Depth= 5.57"
 Routed to Pond B-18 : Basin #18

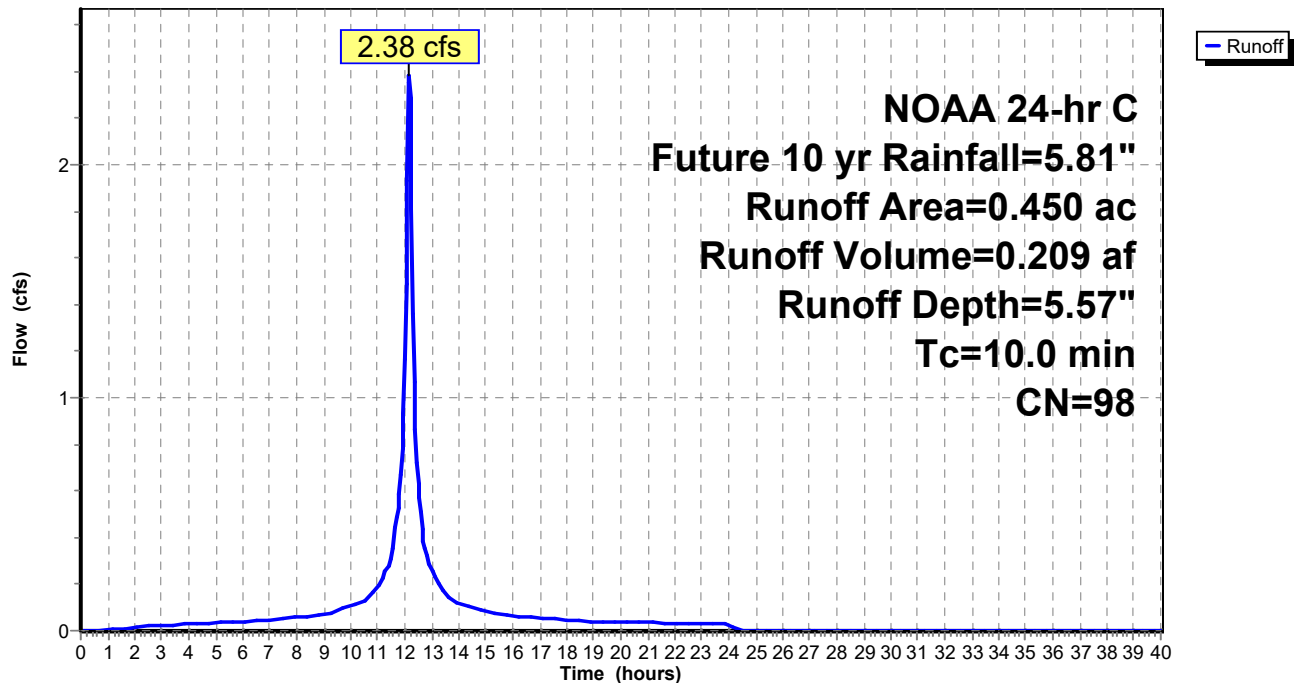
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.06
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.06
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.06
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.06
5.40	0.41	0.23	0.04	8.00	0.70	0.50	0.06
5.45	0.41	0.24	0.04	8.05	0.70	0.51	0.06
5.50	0.41	0.24	0.04	8.10	0.71	0.51	0.06
5.55	0.42	0.25	0.04	8.15	0.72	0.52	0.06
5.60	0.42	0.25	0.04	8.20	0.72	0.53	0.06
5.65	0.43	0.25	0.04	8.25	0.73	0.53	0.06
5.70	0.43	0.26	0.04	8.30	0.74	0.54	0.06
5.75	0.44	0.26	0.04	8.35	0.75	0.55	0.06
5.80	0.44	0.27	0.04	8.40	0.75	0.55	0.06
5.85	0.45	0.27	0.04	8.45	0.76	0.56	0.06
5.90	0.45	0.27	0.04	8.50	0.77	0.57	0.06
5.95	0.46	0.28	0.04	8.55	0.78	0.58	0.06
6.00	0.46	0.28	0.04	8.60	0.78	0.58	0.07
6.05	0.47	0.29	0.04	8.65	0.79	0.59	0.07
6.10	0.47	0.29	0.04	8.70	0.80	0.60	0.07
6.15	0.47	0.30	0.04	8.75	0.81	0.61	0.07
6.20	0.48	0.30	0.04	8.80	0.82	0.61	0.07
6.25	0.48	0.30	0.04	8.85	0.82	0.62	0.07
6.30	0.49	0.31	0.04	8.90	0.83	0.63	0.07
6.35	0.50	0.31	0.04	8.95	0.84	0.64	0.07
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.07
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.07
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.07
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.07
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.08
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.08
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.08
6.80	0.54	0.36	0.05	9.40	0.92	0.72	0.08
6.85	0.55	0.36	0.05	9.45	0.93	0.73	0.08
6.90	0.56	0.37	0.05	9.50	0.94	0.74	0.09
6.95	0.56	0.37	0.05	9.55	0.95	0.75	0.09
7.00	0.57	0.38	0.05	9.60	0.96	0.76	0.09
7.05	0.57	0.38	0.05	9.65	0.98	0.77	0.09
7.10	0.58	0.39	0.05	9.70	0.99	0.78	0.09
7.15	0.58	0.40	0.05	9.75	1.00	0.79	0.10
7.20	0.59	0.40	0.05	9.80	1.01	0.80	0.10
7.25	0.60	0.41	0.05	9.85	1.02	0.81	0.10
7.30	0.60	0.41	0.05	9.90	1.03	0.82	0.10
7.35	0.61	0.42	0.05	9.95	1.05	0.84	0.10
7.40	0.62	0.42	0.05	10.00	1.06	0.85	0.11
7.45	0.62	0.43	0.05	10.05	1.07	0.86	0.11
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.11
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.11
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.11
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.12
7.70	0.65	0.46	0.06	10.30	1.14	0.93	0.12
7.75	0.66	0.47	0.06	10.35	1.15	0.94	0.12

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.12	13.00	4.42	4.18	0.27
10.45	1.18	0.97	0.12	13.05	4.44	4.20	0.25
10.50	1.20	0.98	0.13	13.10	4.46	4.23	0.24
10.55	1.21	1.00	0.13	13.15	4.48	4.25	0.22
10.60	1.23	1.02	0.13	13.20	4.50	4.27	0.21
10.65	1.25	1.03	0.14	13.25	4.52	4.29	0.20
10.70	1.27	1.05	0.15	13.30	4.54	4.31	0.19
10.75	1.29	1.07	0.15	13.35	4.56	4.33	0.19
10.80	1.31	1.09	0.16	13.40	4.58	4.34	0.18
10.85	1.33	1.11	0.17	13.45	4.60	4.36	0.17
10.90	1.35	1.13	0.17	13.50	4.61	4.38	0.16
10.95	1.37	1.15	0.18	13.55	4.63	4.39	0.16
11.00	1.39	1.18	0.19	13.60	4.64	4.41	0.15
11.05	1.42	1.20	0.20	13.65	4.66	4.42	0.14
11.10	1.45	1.23	0.21	13.70	4.67	4.43	0.14
11.15	1.48	1.26	0.22	13.75	4.68	4.45	0.13
11.20	1.51	1.29	0.23	13.80	4.70	4.46	0.13
11.25	1.54	1.32	0.25	13.85	4.71	4.48	0.13
11.30	1.57	1.35	0.26	13.90	4.72	4.49	0.13
11.35	1.61	1.38	0.27	13.95	4.74	4.50	0.12
11.40	1.64	1.42	0.29	14.00	4.75	4.51	0.12
11.45	1.68	1.46	0.30	14.05	4.76	4.53	0.12
11.50	1.72	1.49	0.32	14.10	4.78	4.54	0.12
11.55	1.78	1.55	0.33	14.15	4.79	4.55	0.12
11.60	1.83	1.61	0.38	14.20	4.80	4.56	0.11
11.65	1.90	1.67	0.44	14.25	4.81	4.57	0.11
11.70	1.96	1.73	0.49	14.30	4.82	4.59	0.11
11.75	2.04	1.82	0.53	14.35	4.83	4.60	0.11
11.80	2.13	1.90	0.59	14.40	4.85	4.61	0.11
11.85	2.25	2.02	0.67	14.45	4.86	4.62	0.10
11.90	2.36	2.13	0.78	14.50	4.87	4.63	0.10
11.95	2.57	2.34	0.93	14.55	4.88	4.64	0.10
12.00	2.77	2.54	1.17	14.60	4.89	4.65	0.10
12.05	3.11	2.88	1.49	14.65	4.90	4.66	0.10
12.10	3.45	3.21	1.93	14.70	4.91	4.67	0.09
12.15	3.56	3.33	2.35	14.75	4.92	4.68	0.09
12.20	3.68	3.45	2.29	14.80	4.93	4.69	0.09
12.25	3.77	3.53	1.81	14.85	4.94	4.70	0.09
12.30	3.85	3.62	1.36	14.90	4.94	4.71	0.09
12.35	3.91	3.68	1.07	14.95	4.95	4.72	0.08
12.40	3.98	3.74	0.87	15.00	4.96	4.72	0.08
12.45	4.03	3.80	0.72	15.05	4.97	4.73	0.08
12.50	4.09	3.86	0.63	15.10	4.98	4.74	0.08
12.55	4.13	3.90	0.57	15.15	4.99	4.75	0.08
12.60	4.17	3.93	0.51	15.20	4.99	4.76	0.07
12.65	4.20	3.97	0.44	15.25	5.00	4.76	0.07
12.70	4.24	4.00	0.38	15.30	5.01	4.77	0.07
12.75	4.27	4.04	0.35	15.35	5.02	4.78	0.07
12.80	4.30	4.07	0.33	15.40	5.03	4.79	0.07
12.85	4.33	4.10	0.31	15.45	5.03	4.80	0.07
12.90	4.36	4.13	0.30	15.50	5.04	4.80	0.07
12.95	4.39	4.15	0.28	15.55	5.05	4.81	0.07

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.02
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.01
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

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

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 3.21 cfs @ 12.18 hrs, Volume= 0.242 af, Depth= 3.03"
 Routed to Pond B-18 : Basin #18

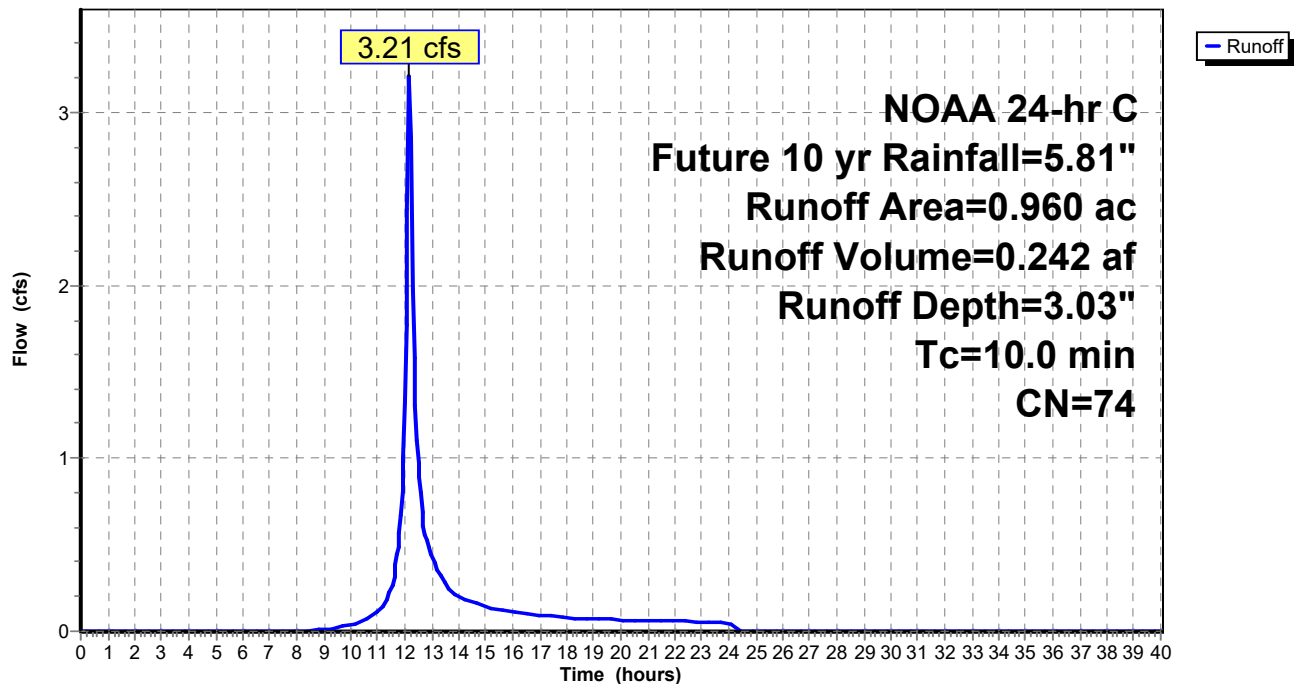
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.43
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.41
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.39
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.37
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.35
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.33
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.32
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.31
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.29
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.28
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.27
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.26
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.25
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.24
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.23
11.15	1.48	0.14	0.14	13.75	4.68	2.12	0.22
11.20	1.51	0.15	0.16	13.80	4.70	2.13	0.22
11.25	1.54	0.16	0.17	13.85	4.71	2.14	0.21
11.30	1.57	0.17	0.19	13.90	4.72	2.15	0.21
11.35	1.61	0.18	0.20	13.95	4.74	2.16	0.21
11.40	1.64	0.20	0.22	14.00	4.75	2.17	0.20
11.45	1.68	0.21	0.23	14.05	4.76	2.18	0.20
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.20
11.55	1.78	0.25	0.27	14.15	4.79	2.20	0.19
11.60	1.83	0.28	0.32	14.20	4.80	2.21	0.19
11.65	1.90	0.30	0.38	14.25	4.81	2.21	0.19
11.70	1.96	0.33	0.44	14.30	4.82	2.22	0.18
11.75	2.04	0.37	0.49	14.35	4.83	2.23	0.18
11.80	2.13	0.41	0.56	14.40	4.85	2.24	0.18
11.85	2.25	0.47	0.67	14.45	4.86	2.25	0.17
11.90	2.36	0.53	0.81	14.50	4.87	2.26	0.17
11.95	2.57	0.65	1.01	14.55	4.88	2.27	0.17
12.00	2.77	0.77	1.32	14.60	4.89	2.27	0.16
12.05	3.11	0.98	1.77	14.65	4.90	2.28	0.16
12.10	3.45	1.20	2.44	14.70	4.91	2.29	0.16
12.15	3.56	1.28	3.12	14.75	4.92	2.30	0.16
12.20	3.68	1.37	3.15	14.80	4.93	2.31	0.15
12.25	3.77	1.43	2.56	14.85	4.94	2.31	0.15
12.30	3.85	1.49	1.97	14.90	4.94	2.32	0.15
12.35	3.91	1.53	1.58	14.95	4.95	2.33	0.14
12.40	3.98	1.58	1.30	15.00	4.96	2.33	0.14
12.45	4.03	1.62	1.10	15.05	4.97	2.34	0.14
12.50	4.09	1.67	0.98	15.10	4.98	2.35	0.13
12.55	4.13	1.69	0.89	15.15	4.99	2.35	0.13
12.60	4.17	1.72	0.80	15.20	4.99	2.36	0.13
12.65	4.20	1.75	0.69	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.61	15.30	5.01	2.37	0.12
12.75	4.27	1.80	0.56	15.35	5.02	2.38	0.12
12.80	4.30	1.82	0.53	15.40	5.03	2.38	0.12
12.85	4.33	1.85	0.50	15.45	5.03	2.39	0.12
12.90	4.36	1.87	0.48	15.50	5.04	2.40	0.12
12.95	4.39	1.89	0.45	15.55	5.05	2.40	0.12

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.12	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.12	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.11	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.11	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.11	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.11	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.11	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.11	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.11	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.10	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.10	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.10	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.09	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.09	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

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

Summary for Subcatchment 19I: PDA-19 (impervious)

Runoff = 3.16 cfs @ 12.17 hrs, Volume= 0.277 af, Depth= 5.57"
 Routed to Pond B-19 : Basin #19

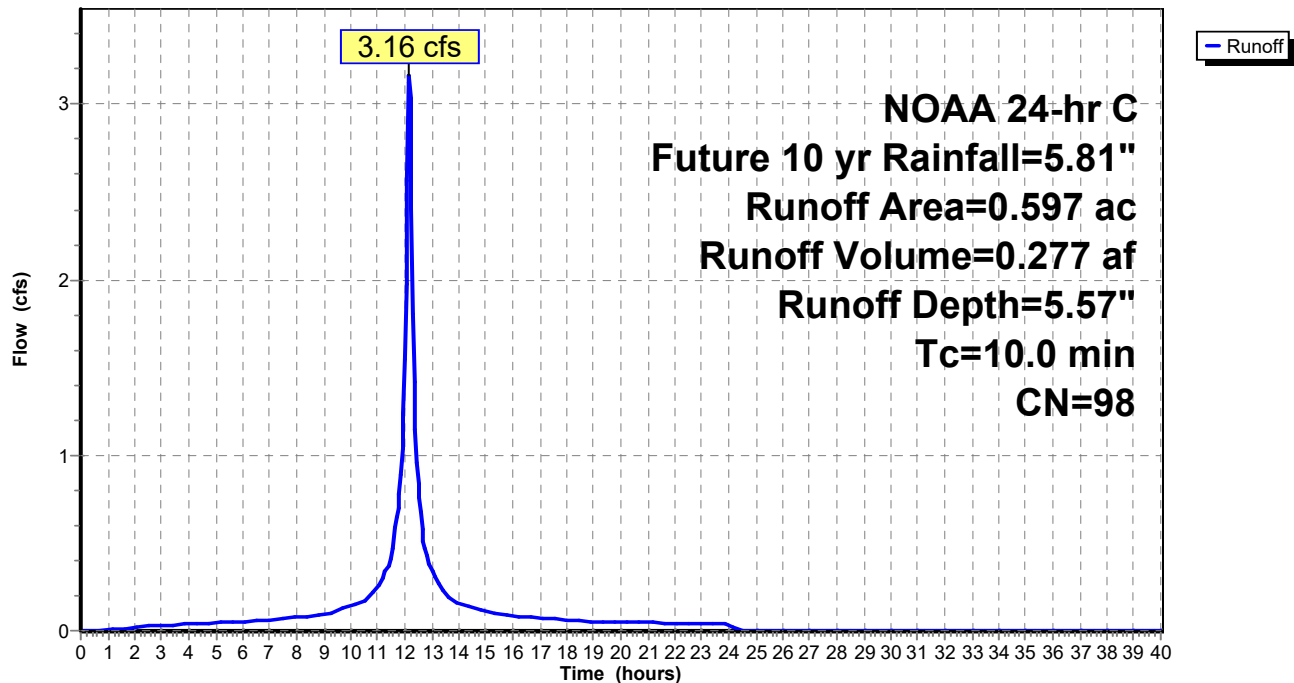
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.132	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.015	98	Concrete, HSG C
0.597	98	Weighted Average
0.597		100.00% Impervious Area

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



Hydrograph for Subcatchment 19I: PDA-19 (impervious)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.16	13.00	4.42	4.18	0.35
10.45	1.18	0.97	0.16	13.05	4.44	4.20	0.33
10.50	1.20	0.98	0.17	13.10	4.46	4.23	0.32
10.55	1.21	1.00	0.17	13.15	4.48	4.25	0.30
10.60	1.23	1.02	0.18	13.20	4.50	4.27	0.28
10.65	1.25	1.03	0.18	13.25	4.52	4.29	0.27
10.70	1.27	1.05	0.19	13.30	4.54	4.31	0.26
10.75	1.29	1.07	0.20	13.35	4.56	4.33	0.25
10.80	1.31	1.09	0.21	13.40	4.58	4.34	0.24
10.85	1.33	1.11	0.22	13.45	4.60	4.36	0.23
10.90	1.35	1.13	0.23	13.50	4.61	4.38	0.22
10.95	1.37	1.15	0.24	13.55	4.63	4.39	0.21
11.00	1.39	1.18	0.25	13.60	4.64	4.41	0.20
11.05	1.42	1.20	0.26	13.65	4.66	4.42	0.19
11.10	1.45	1.23	0.28	13.70	4.67	4.43	0.18
11.15	1.48	1.26	0.29	13.75	4.68	4.45	0.18
11.20	1.51	1.29	0.31	13.80	4.70	4.46	0.17
11.25	1.54	1.32	0.33	13.85	4.71	4.48	0.17
11.30	1.57	1.35	0.35	13.90	4.72	4.49	0.17
11.35	1.61	1.38	0.36	13.95	4.74	4.50	0.16
11.40	1.64	1.42	0.38	14.00	4.75	4.51	0.16
11.45	1.68	1.46	0.40	14.05	4.76	4.53	0.16
11.50	1.72	1.49	0.42	14.10	4.78	4.54	0.16
11.55	1.78	1.55	0.44	14.15	4.79	4.55	0.15
11.60	1.83	1.61	0.50	14.20	4.80	4.56	0.15
11.65	1.90	1.67	0.58	14.25	4.81	4.57	0.15
11.70	1.96	1.73	0.65	14.30	4.82	4.59	0.15
11.75	2.04	1.82	0.70	14.35	4.83	4.60	0.14
11.80	2.13	1.90	0.78	14.40	4.85	4.61	0.14
11.85	2.25	2.02	0.89	14.45	4.86	4.62	0.14
11.90	2.36	2.13	1.04	14.50	4.87	4.63	0.13
11.95	2.57	2.34	1.24	14.55	4.88	4.64	0.13
12.00	2.77	2.54	1.55	14.60	4.89	4.65	0.13
12.05	3.11	2.88	1.97	14.65	4.90	4.66	0.13
12.10	3.45	3.21	2.56	14.70	4.91	4.67	0.12
12.15	3.56	3.33	3.12	14.75	4.92	4.68	0.12
12.20	3.68	3.45	3.03	14.80	4.93	4.69	0.12
12.25	3.77	3.53	2.40	14.85	4.94	4.70	0.12
12.30	3.85	3.62	1.81	14.90	4.94	4.71	0.11
12.35	3.91	3.68	1.42	14.95	4.95	4.72	0.11
12.40	3.98	3.74	1.15	15.00	4.96	4.72	0.11
12.45	4.03	3.80	0.96	15.05	4.97	4.73	0.11
12.50	4.09	3.86	0.84	15.10	4.98	4.74	0.10
12.55	4.13	3.90	0.76	15.15	4.99	4.75	0.10
12.60	4.17	3.93	0.68	15.20	4.99	4.76	0.10
12.65	4.20	3.97	0.58	15.25	5.00	4.76	0.10
12.70	4.24	4.00	0.51	15.30	5.01	4.77	0.10
12.75	4.27	4.04	0.47	15.35	5.02	4.78	0.10
12.80	4.30	4.07	0.44	15.40	5.03	4.79	0.10
12.85	4.33	4.10	0.41	15.45	5.03	4.80	0.09
12.90	4.36	4.13	0.39	15.50	5.04	4.80	0.09
12.95	4.39	4.15	0.37	15.55	5.05	4.81	0.09

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.05	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.05	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.05	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.05	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.05	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.04
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.02
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

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

Summary for Subcatchment 19P: PDA-19 (pervious)

Runoff = 3.74 cfs @ 12.18 hrs, Volume= 0.282 af, Depth= 3.03"
 Routed to Pond B-19 : Basin #19

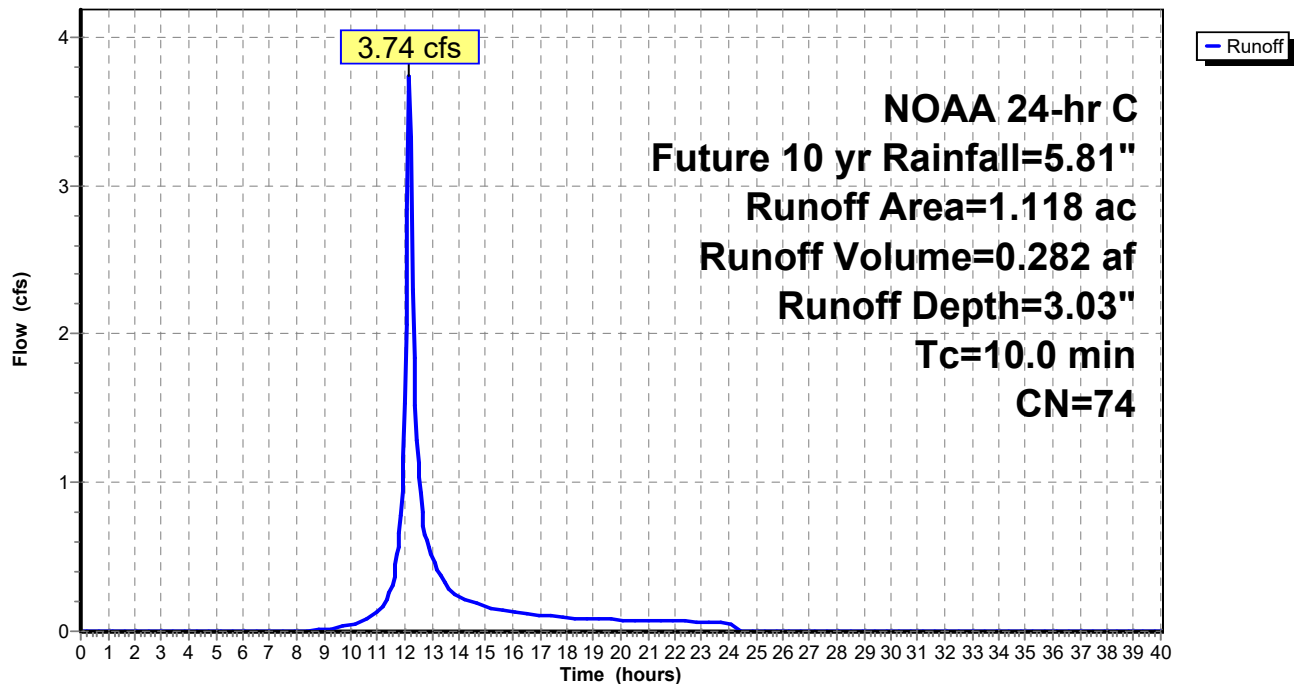
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.118	74	>75% Grass cover, Good, HSG C
1.118		100.00% Pervious Area

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



Hydrograph for Subcatchment 19P: PDA-19 (pervious)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.05
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.06
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.06
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.50
10.45	1.18	0.06	0.07	13.05	4.44	1.93	0.48
10.50	1.20	0.06	0.07	13.10	4.46	1.94	0.45
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.43
10.60	1.23	0.07	0.08	13.20	4.50	1.98	0.41
10.65	1.25	0.07	0.08	13.25	4.52	1.99	0.39
10.70	1.27	0.08	0.09	13.30	4.54	2.01	0.37
10.75	1.29	0.08	0.09	13.35	4.56	2.02	0.36
10.80	1.31	0.09	0.10	13.40	4.58	2.03	0.34
10.85	1.33	0.09	0.11	13.45	4.60	2.05	0.33
10.90	1.35	0.10	0.12	13.50	4.61	2.06	0.32
10.95	1.37	0.11	0.13	13.55	4.63	2.07	0.30
11.00	1.39	0.11	0.13	13.60	4.64	2.08	0.29
11.05	1.42	0.12	0.14	13.65	4.66	2.09	0.27
11.10	1.45	0.13	0.15	13.70	4.67	2.10	0.26
11.15	1.48	0.14	0.17	13.75	4.68	2.12	0.26
11.20	1.51	0.15	0.18	13.80	4.70	2.13	0.25
11.25	1.54	0.16	0.20	13.85	4.71	2.14	0.25
11.30	1.57	0.17	0.22	13.90	4.72	2.15	0.24
11.35	1.61	0.18	0.23	13.95	4.74	2.16	0.24
11.40	1.64	0.20	0.25	14.00	4.75	2.17	0.24
11.45	1.68	0.21	0.27	14.05	4.76	2.18	0.23
11.50	1.72	0.23	0.29	14.10	4.78	2.19	0.23
11.55	1.78	0.25	0.32	14.15	4.79	2.20	0.23
11.60	1.83	0.28	0.37	14.20	4.80	2.21	0.22
11.65	1.90	0.30	0.45	14.25	4.81	2.21	0.22
11.70	1.96	0.33	0.51	14.30	4.82	2.22	0.21
11.75	2.04	0.37	0.57	14.35	4.83	2.23	0.21
11.80	2.13	0.41	0.66	14.40	4.85	2.24	0.21
11.85	2.25	0.47	0.78	14.45	4.86	2.25	0.20
11.90	2.36	0.53	0.94	14.50	4.87	2.26	0.20
11.95	2.57	0.65	1.17	14.55	4.88	2.27	0.20
12.00	2.77	0.77	1.54	14.60	4.89	2.27	0.19
12.05	3.11	0.98	2.06	14.65	4.90	2.28	0.19
12.10	3.45	1.20	2.84	14.70	4.91	2.29	0.18
12.15	3.56	1.28	3.64	14.75	4.92	2.30	0.18
12.20	3.68	1.37	3.66	14.80	4.93	2.31	0.18
12.25	3.77	1.43	2.98	14.85	4.94	2.31	0.17
12.30	3.85	1.49	2.30	14.90	4.94	2.32	0.17
12.35	3.91	1.53	1.84	14.95	4.95	2.33	0.17
12.40	3.98	1.58	1.52	15.00	4.96	2.33	0.16
12.45	4.03	1.62	1.28	15.05	4.97	2.34	0.16
12.50	4.09	1.67	1.14	15.10	4.98	2.35	0.15
12.55	4.13	1.69	1.04	15.15	4.99	2.35	0.15
12.60	4.17	1.72	0.93	15.20	4.99	2.36	0.15
12.65	4.20	1.75	0.80	15.25	5.00	2.37	0.15
12.70	4.24	1.77	0.71	15.30	5.01	2.37	0.14
12.75	4.27	1.80	0.65	15.35	5.02	2.38	0.14
12.80	4.30	1.82	0.61	15.40	5.03	2.38	0.14
12.85	4.33	1.85	0.58	15.45	5.03	2.39	0.14
12.90	4.36	1.87	0.56	15.50	5.04	2.40	0.14
12.95	4.39	1.89	0.53	15.55	5.05	2.40	0.14

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.14	18.20	5.37	2.66	0.09
15.65	5.06	2.41	0.14	18.25	5.37	2.67	0.09
15.70	5.07	2.42	0.14	18.30	5.38	2.67	0.09
15.75	5.08	2.43	0.14	18.35	5.38	2.67	0.09
15.80	5.09	2.43	0.13	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.13	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.13	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.13	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.13	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.13	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.13	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.13	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.13	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.13	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.12	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.12	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.12	19.00	5.44	2.72	0.08
16.45	5.17	2.50	0.12	19.05	5.44	2.72	0.08
16.50	5.18	2.51	0.12	19.10	5.45	2.73	0.08
16.55	5.19	2.52	0.12	19.15	5.45	2.73	0.08
16.60	5.19	2.52	0.12	19.20	5.46	2.73	0.08
16.65	5.20	2.53	0.12	19.25	5.46	2.74	0.08
16.70	5.21	2.53	0.12	19.30	5.47	2.74	0.08
16.75	5.21	2.54	0.12	19.35	5.47	2.75	0.08
16.80	5.22	2.54	0.11	19.40	5.48	2.75	0.08
16.85	5.23	2.55	0.11	19.45	5.48	2.75	0.08
16.90	5.23	2.55	0.11	19.50	5.48	2.76	0.08
16.95	5.24	2.55	0.11	19.55	5.49	2.76	0.08
17.00	5.24	2.56	0.11	19.60	5.49	2.76	0.08
17.05	5.25	2.56	0.11	19.65	5.50	2.77	0.08
17.10	5.25	2.57	0.11	19.70	5.50	2.77	0.08
17.15	5.26	2.57	0.11	19.75	5.50	2.77	0.08
17.20	5.27	2.58	0.11	19.80	5.51	2.78	0.08
17.25	5.27	2.58	0.11	19.85	5.51	2.78	0.08
17.30	5.28	2.59	0.10	19.90	5.52	2.78	0.08
17.35	5.28	2.59	0.10	19.95	5.52	2.79	0.08
17.40	5.29	2.60	0.10	20.00	5.53	2.79	0.08
17.45	5.29	2.60	0.10	20.05	5.53	2.79	0.08
17.50	5.30	2.61	0.10	20.10	5.53	2.80	0.08
17.55	5.30	2.61	0.10	20.15	5.54	2.80	0.08
17.60	5.31	2.61	0.10	20.20	5.54	2.80	0.08
17.65	5.31	2.62	0.10	20.25	5.55	2.81	0.08
17.70	5.32	2.62	0.10	20.30	5.55	2.81	0.08
17.75	5.33	2.63	0.10	20.35	5.55	2.81	0.08
17.80	5.33	2.63	0.09	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.09	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.09	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.09	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.09	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.09	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.09	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.06
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.06
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.06
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.06
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.06
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.06
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.06
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.06
21.20	5.62	2.87	0.07	23.80	5.80	3.01	0.06
21.25	5.62	2.87	0.07	23.85	5.80	3.02	0.06
21.30	5.63	2.87	0.07	23.90	5.80	3.02	0.06
21.35	5.63	2.88	0.07	23.95	5.81	3.02	0.06
21.40	5.64	2.88	0.07	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.07	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.07	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.07	24.15	5.81	3.03	0.03
21.60	5.65	2.89	0.07	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.07	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.07	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.07	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.07	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.07	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.07	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.07	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.07	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.07	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.07	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.07	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.07	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.07	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.07	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.07	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.06	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.06	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

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

Summary for Subcatchment 20I: PDA-20 (impervious)

Runoff = 5.99 cfs @ 12.17 hrs, Volume= 0.525 af, Depth= 5.57"
 Routed to Pond B-20 : Basin #20

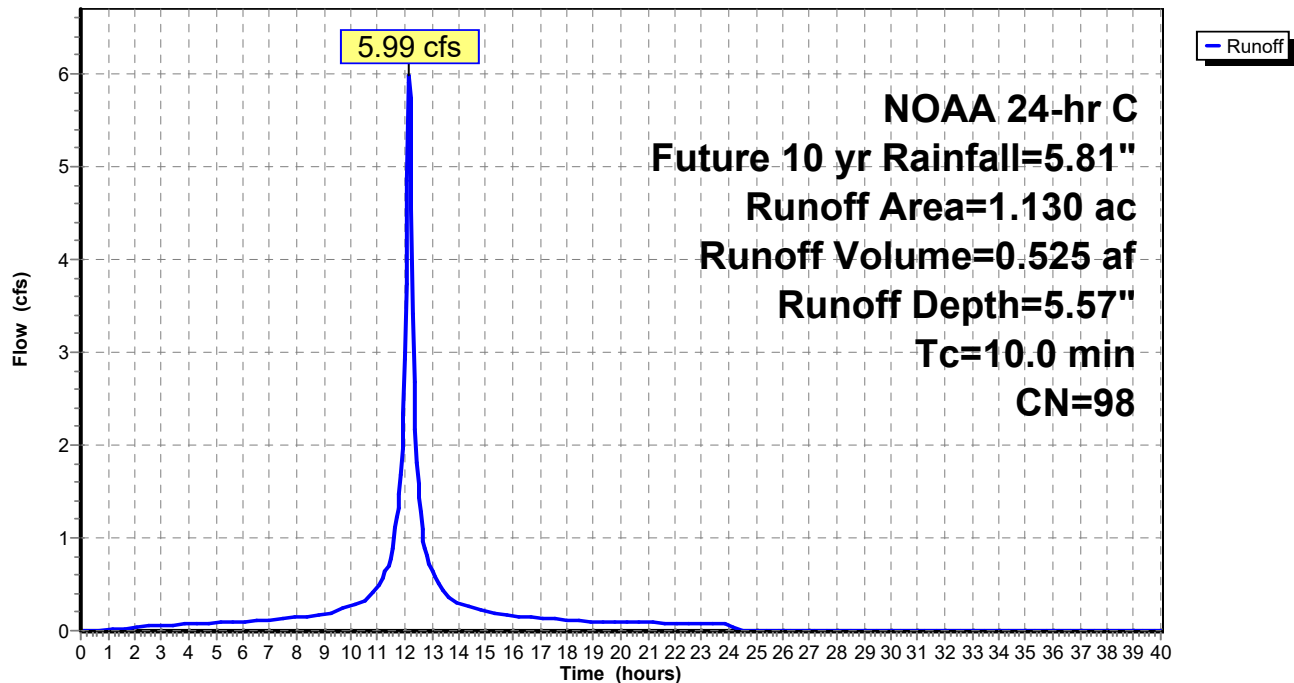
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.572	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.108	98	Concrete, HSC C
1.130	98	Weighted Average
1.130		100.00% Impervious Area

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



Hydrograph for Subcatchment 20I: PDA-20 (impervious)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.09	7.80	0.67	0.47	0.14
5.25	0.39	0.22	0.09	7.85	0.68	0.48	0.14
5.30	0.40	0.23	0.09	7.90	0.68	0.49	0.14
5.35	0.40	0.23	0.09	7.95	0.69	0.49	0.15
5.40	0.41	0.23	0.09	8.00	0.70	0.50	0.15
5.45	0.41	0.24	0.09	8.05	0.70	0.51	0.15
5.50	0.41	0.24	0.09	8.10	0.71	0.51	0.15
5.55	0.42	0.25	0.09	8.15	0.72	0.52	0.15
5.60	0.42	0.25	0.09	8.20	0.72	0.53	0.15
5.65	0.43	0.25	0.09	8.25	0.73	0.53	0.15
5.70	0.43	0.26	0.09	8.30	0.74	0.54	0.16
5.75	0.44	0.26	0.09	8.35	0.75	0.55	0.16
5.80	0.44	0.27	0.09	8.40	0.75	0.55	0.16
5.85	0.45	0.27	0.09	8.45	0.76	0.56	0.16
5.90	0.45	0.27	0.09	8.50	0.77	0.57	0.16
5.95	0.46	0.28	0.09	8.55	0.78	0.58	0.16
6.00	0.46	0.28	0.09	8.60	0.78	0.58	0.16
6.05	0.47	0.29	0.09	8.65	0.79	0.59	0.17
6.10	0.47	0.29	0.10	8.70	0.80	0.60	0.17
6.15	0.47	0.30	0.10	8.75	0.81	0.61	0.17
6.20	0.48	0.30	0.10	8.80	0.82	0.61	0.17
6.25	0.48	0.30	0.10	8.85	0.82	0.62	0.17
6.30	0.49	0.31	0.10	8.90	0.83	0.63	0.17
6.35	0.50	0.31	0.10	8.95	0.84	0.64	0.17
6.40	0.50	0.32	0.10	9.00	0.85	0.64	0.17
6.45	0.51	0.32	0.10	9.05	0.86	0.65	0.18
6.50	0.51	0.33	0.11	9.10	0.87	0.66	0.18
6.55	0.52	0.33	0.11	9.15	0.87	0.67	0.18
6.60	0.52	0.34	0.11	9.20	0.88	0.68	0.19
6.65	0.53	0.34	0.11	9.25	0.89	0.69	0.19
6.70	0.53	0.35	0.11	9.30	0.90	0.70	0.20
6.75	0.54	0.35	0.11	9.35	0.91	0.71	0.20
6.80	0.54	0.36	0.11	9.40	0.92	0.72	0.21
6.85	0.55	0.36	0.12	9.45	0.93	0.73	0.21
6.90	0.56	0.37	0.12	9.50	0.94	0.74	0.22
6.95	0.56	0.37	0.12	9.55	0.95	0.75	0.22
7.00	0.57	0.38	0.12	9.60	0.96	0.76	0.23
7.05	0.57	0.38	0.12	9.65	0.98	0.77	0.23
7.10	0.58	0.39	0.12	9.70	0.99	0.78	0.24
7.15	0.58	0.40	0.12	9.75	1.00	0.79	0.24
7.20	0.59	0.40	0.13	9.80	1.01	0.80	0.25
7.25	0.60	0.41	0.13	9.85	1.02	0.81	0.25
7.30	0.60	0.41	0.13	9.90	1.03	0.82	0.26
7.35	0.61	0.42	0.13	9.95	1.05	0.84	0.26
7.40	0.62	0.42	0.13	10.00	1.06	0.85	0.27
7.45	0.62	0.43	0.13	10.05	1.07	0.86	0.27
7.50	0.63	0.44	0.13	10.10	1.09	0.87	0.28
7.55	0.64	0.44	0.13	10.15	1.10	0.89	0.28
7.60	0.64	0.45	0.14	10.20	1.11	0.90	0.29
7.65	0.65	0.45	0.14	10.25	1.13	0.91	0.29
7.70	0.65	0.46	0.14	10.30	1.14	0.93	0.30
7.75	0.66	0.47	0.14	10.35	1.15	0.94	0.30

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.31	13.00	4.42	4.18	0.67
10.45	1.18	0.97	0.31	13.05	4.44	4.20	0.63
10.50	1.20	0.98	0.32	13.10	4.46	4.23	0.60
10.55	1.21	1.00	0.32	13.15	4.48	4.25	0.56
10.60	1.23	1.02	0.33	13.20	4.50	4.27	0.53
10.65	1.25	1.03	0.35	13.25	4.52	4.29	0.51
10.70	1.27	1.05	0.36	13.30	4.54	4.31	0.49
10.75	1.29	1.07	0.38	13.35	4.56	4.33	0.47
10.80	1.31	1.09	0.40	13.40	4.58	4.34	0.45
10.85	1.33	1.11	0.42	13.45	4.60	4.36	0.43
10.90	1.35	1.13	0.44	13.50	4.61	4.38	0.41
10.95	1.37	1.15	0.46	13.55	4.63	4.39	0.39
11.00	1.39	1.18	0.48	13.60	4.64	4.41	0.37
11.05	1.42	1.20	0.50	13.65	4.66	4.42	0.36
11.10	1.45	1.23	0.52	13.70	4.67	4.43	0.34
11.15	1.48	1.26	0.55	13.75	4.68	4.45	0.33
11.20	1.51	1.29	0.59	13.80	4.70	4.46	0.33
11.25	1.54	1.32	0.62	13.85	4.71	4.48	0.32
11.30	1.57	1.35	0.65	13.90	4.72	4.49	0.31
11.35	1.61	1.38	0.69	13.95	4.74	4.50	0.31
11.40	1.64	1.42	0.72	14.00	4.75	4.51	0.30
11.45	1.68	1.46	0.76	14.05	4.76	4.53	0.30
11.50	1.72	1.49	0.79	14.10	4.78	4.54	0.29
11.55	1.78	1.55	0.84	14.15	4.79	4.55	0.29
11.60	1.83	1.61	0.95	14.20	4.80	4.56	0.28
11.65	1.90	1.67	1.11	14.25	4.81	4.57	0.28
11.70	1.96	1.73	1.23	14.30	4.82	4.59	0.28
11.75	2.04	1.82	1.33	14.35	4.83	4.60	0.27
11.80	2.13	1.90	1.48	14.40	4.85	4.61	0.26
11.85	2.25	2.02	1.69	14.45	4.86	4.62	0.26
11.90	2.36	2.13	1.97	14.50	4.87	4.63	0.26
11.95	2.57	2.34	2.34	14.55	4.88	4.64	0.25
12.00	2.77	2.54	2.93	14.60	4.89	4.65	0.25
12.05	3.11	2.88	3.73	14.65	4.90	4.66	0.24
12.10	3.45	3.21	4.85	14.70	4.91	4.67	0.24
12.15	3.56	3.33	5.91	14.75	4.92	4.68	0.23
12.20	3.68	3.45	5.74	14.80	4.93	4.69	0.23
12.25	3.77	3.53	4.55	14.85	4.94	4.70	0.22
12.30	3.85	3.62	3.43	14.90	4.94	4.71	0.22
12.35	3.91	3.68	2.69	14.95	4.95	4.72	0.21
12.40	3.98	3.74	2.18	15.00	4.96	4.72	0.21
12.45	4.03	3.80	1.82	15.05	4.97	4.73	0.20
12.50	4.09	3.86	1.59	15.10	4.98	4.74	0.20
12.55	4.13	3.90	1.44	15.15	4.99	4.75	0.19
12.60	4.17	3.93	1.28	15.20	4.99	4.76	0.19
12.65	4.20	3.97	1.10	15.25	5.00	4.76	0.19
12.70	4.24	4.00	0.96	15.30	5.01	4.77	0.18
12.75	4.27	4.04	0.88	15.35	5.02	4.78	0.18
12.80	4.30	4.07	0.83	15.40	5.03	4.79	0.18
12.85	4.33	4.10	0.78	15.45	5.03	4.80	0.18
12.90	4.36	4.13	0.74	15.50	5.04	4.80	0.18
12.95	4.39	4.15	0.71	15.55	5.05	4.81	0.18

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.17	18.20	5.37	5.13	0.11
15.65	5.06	4.83	0.17	18.25	5.37	5.14	0.11
15.70	5.07	4.83	0.17	18.30	5.38	5.14	0.11
15.75	5.08	4.84	0.17	18.35	5.38	5.14	0.11
15.80	5.09	4.85	0.17	18.40	5.39	5.15	0.11
15.85	5.09	4.86	0.17	18.45	5.39	5.15	0.10
15.90	5.10	4.86	0.17	18.50	5.40	5.16	0.10
15.95	5.11	4.87	0.17	18.55	5.40	5.16	0.10
16.00	5.11	4.88	0.16	18.60	5.40	5.17	0.10
16.05	5.12	4.88	0.16	18.65	5.41	5.17	0.10
16.10	5.13	4.89	0.16	18.70	5.41	5.18	0.10
16.15	5.13	4.90	0.16	18.75	5.42	5.18	0.10
16.20	5.14	4.90	0.16	18.80	5.42	5.19	0.10
16.25	5.15	4.91	0.16	18.85	5.43	5.19	0.10
16.30	5.16	4.92	0.16	18.90	5.43	5.19	0.10
16.35	5.16	4.92	0.16	18.95	5.44	5.20	0.10
16.40	5.17	4.93	0.15	19.00	5.44	5.20	0.10
16.45	5.17	4.94	0.15	19.05	5.44	5.21	0.10
16.50	5.18	4.94	0.15	19.10	5.45	5.21	0.10
16.55	5.19	4.95	0.15	19.15	5.45	5.22	0.10
16.60	5.19	4.96	0.15	19.20	5.46	5.22	0.10
16.65	5.20	4.96	0.15	19.25	5.46	5.22	0.10
16.70	5.21	4.97	0.15	19.30	5.47	5.23	0.10
16.75	5.21	4.98	0.14	19.35	5.47	5.23	0.10
16.80	5.22	4.98	0.14	19.40	5.48	5.24	0.10
16.85	5.23	4.99	0.14	19.45	5.48	5.24	0.10
16.90	5.23	4.99	0.14	19.50	5.48	5.25	0.10
16.95	5.24	5.00	0.14	19.55	5.49	5.25	0.10
17.00	5.24	5.01	0.14	19.60	5.49	5.25	0.10
17.05	5.25	5.01	0.14	19.65	5.50	5.26	0.10
17.10	5.25	5.02	0.14	19.70	5.50	5.26	0.10
17.15	5.26	5.02	0.13	19.75	5.50	5.27	0.10
17.20	5.27	5.03	0.13	19.80	5.51	5.27	0.10
17.25	5.27	5.03	0.13	19.85	5.51	5.28	0.10
17.30	5.28	5.04	0.13	19.90	5.52	5.28	0.10
17.35	5.28	5.05	0.13	19.95	5.52	5.28	0.10
17.40	5.29	5.05	0.13	20.00	5.53	5.29	0.09
17.45	5.29	5.06	0.13	20.05	5.53	5.29	0.09
17.50	5.30	5.06	0.12	20.10	5.53	5.30	0.09
17.55	5.30	5.07	0.12	20.15	5.54	5.30	0.09
17.60	5.31	5.07	0.12	20.20	5.54	5.30	0.09
17.65	5.31	5.08	0.12	20.25	5.55	5.31	0.09
17.70	5.32	5.08	0.12	20.30	5.55	5.31	0.09
17.75	5.33	5.09	0.12	20.35	5.55	5.32	0.09
17.80	5.33	5.09	0.12	20.40	5.56	5.32	0.09
17.85	5.34	5.10	0.12	20.45	5.56	5.32	0.09
17.90	5.34	5.10	0.11	20.50	5.57	5.33	0.09
17.95	5.34	5.11	0.11	20.55	5.57	5.33	0.09
18.00	5.35	5.11	0.11	20.60	5.57	5.34	0.09
18.05	5.35	5.12	0.11	20.65	5.58	5.34	0.09
18.10	5.36	5.12	0.11	20.70	5.58	5.34	0.09
18.15	5.36	5.13	0.11	20.75	5.59	5.35	0.09

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.09	23.40	5.77	5.53	0.07
20.85	5.59	5.36	0.09	23.45	5.78	5.54	0.07
20.90	5.60	5.36	0.09	23.50	5.78	5.54	0.07
20.95	5.60	5.36	0.09	23.55	5.78	5.54	0.07
21.00	5.61	5.37	0.09	23.60	5.78	5.55	0.07
21.05	5.61	5.37	0.09	23.65	5.79	5.55	0.07
21.10	5.61	5.37	0.09	23.70	5.79	5.55	0.07
21.15	5.62	5.38	0.09	23.75	5.79	5.56	0.07
21.20	5.62	5.38	0.09	23.80	5.80	5.56	0.07
21.25	5.62	5.39	0.09	23.85	5.80	5.56	0.07
21.30	5.63	5.39	0.09	23.90	5.80	5.56	0.07
21.35	5.63	5.39	0.09	23.95	5.81	5.57	0.07
21.40	5.64	5.40	0.09	24.00	5.81	5.57	0.07
21.45	5.64	5.40	0.09	24.05	5.81	5.57	0.07
21.50	5.64	5.40	0.08	24.10	5.81	5.57	0.06
21.55	5.65	5.41	0.08	24.15	5.81	5.57	0.04
21.60	5.65	5.41	0.08	24.20	5.81	5.57	0.02
21.65	5.65	5.42	0.08	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.08	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.08	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.08	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.08	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.08	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.08	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.08	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.08	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.08	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.08	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.08	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.08	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.08	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.08	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.08	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.08	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.08	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.08	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.08	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.08	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.08	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.08	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.08	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.08	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.08	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.08	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.07	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.07	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.07	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.07	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.07	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.07	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.07	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.07	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

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

Summary for Subcatchment 20P: PDA-20 (pervious)

Runoff = 4.42 cfs @ 12.18 hrs, Volume= 0.334 af, Depth= 3.03"
 Routed to Pond B-20 : Basin #20

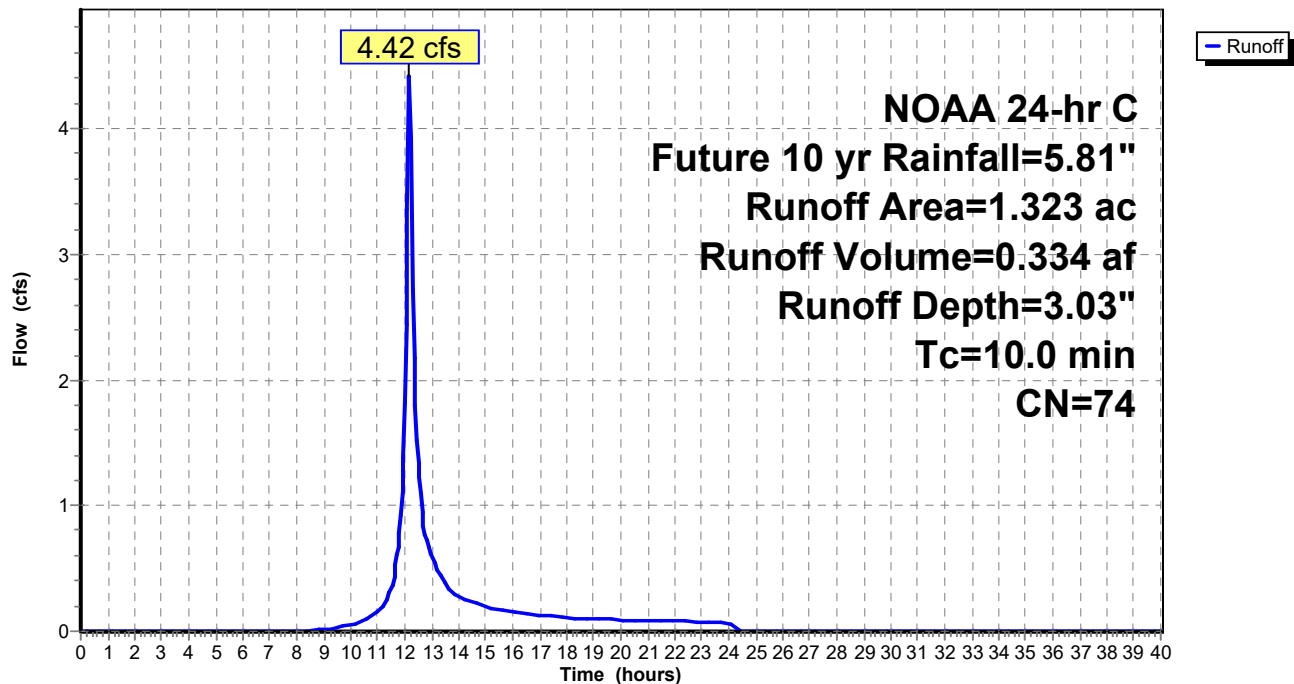
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.323	74	>75% Grass cover, Good, HSG C
1.323		100.00% Pervious Area

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



Hydrograph for Subcatchment 20P: PDA-20 (pervious)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.05
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.06
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.06
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.07
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.07

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.07	13.00	4.42	1.91	0.59
10.45	1.18	0.06	0.08	13.05	4.44	1.93	0.56
10.50	1.20	0.06	0.08	13.10	4.46	1.94	0.53
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.50
10.60	1.23	0.07	0.09	13.20	4.50	1.98	0.48
10.65	1.25	0.07	0.10	13.25	4.52	1.99	0.46
10.70	1.27	0.08	0.10	13.30	4.54	2.01	0.44
10.75	1.29	0.08	0.11	13.35	4.56	2.02	0.42
10.80	1.31	0.09	0.12	13.40	4.58	2.03	0.41
10.85	1.33	0.09	0.13	13.45	4.60	2.05	0.39
10.90	1.35	0.10	0.14	13.50	4.61	2.06	0.37
10.95	1.37	0.11	0.15	13.55	4.63	2.07	0.36
11.00	1.39	0.11	0.16	13.60	4.64	2.08	0.34
11.05	1.42	0.12	0.17	13.65	4.66	2.09	0.32
11.10	1.45	0.13	0.18	13.70	4.67	2.10	0.31
11.15	1.48	0.14	0.20	13.75	4.68	2.12	0.30
11.20	1.51	0.15	0.22	13.80	4.70	2.13	0.30
11.25	1.54	0.16	0.24	13.85	4.71	2.14	0.29
11.30	1.57	0.17	0.26	13.90	4.72	2.15	0.29
11.35	1.61	0.18	0.28	13.95	4.74	2.16	0.28
11.40	1.64	0.20	0.30	14.00	4.75	2.17	0.28
11.45	1.68	0.21	0.32	14.05	4.76	2.18	0.28
11.50	1.72	0.23	0.35	14.10	4.78	2.19	0.27
11.55	1.78	0.25	0.37	14.15	4.79	2.20	0.27
11.60	1.83	0.28	0.44	14.20	4.80	2.21	0.26
11.65	1.90	0.30	0.53	14.25	4.81	2.21	0.26
11.70	1.96	0.33	0.61	14.30	4.82	2.22	0.25
11.75	2.04	0.37	0.68	14.35	4.83	2.23	0.25
11.80	2.13	0.41	0.78	14.40	4.85	2.24	0.24
11.85	2.25	0.47	0.92	14.45	4.86	2.25	0.24
11.90	2.36	0.53	1.12	14.50	4.87	2.26	0.24
11.95	2.57	0.65	1.39	14.55	4.88	2.27	0.23
12.00	2.77	0.77	1.82	14.60	4.89	2.27	0.23
12.05	3.11	0.98	2.44	14.65	4.90	2.28	0.22
12.10	3.45	1.20	3.36	14.70	4.91	2.29	0.22
12.15	3.56	1.28	4.30	14.75	4.92	2.30	0.21
12.20	3.68	1.37	4.34	14.80	4.93	2.31	0.21
12.25	3.77	1.43	3.53	14.85	4.94	2.31	0.21
12.30	3.85	1.49	2.72	14.90	4.94	2.32	0.20
12.35	3.91	1.53	2.18	14.95	4.95	2.33	0.20
12.40	3.98	1.58	1.80	15.00	4.96	2.33	0.19
12.45	4.03	1.62	1.52	15.05	4.97	2.34	0.19
12.50	4.09	1.67	1.34	15.10	4.98	2.35	0.18
12.55	4.13	1.69	1.23	15.15	4.99	2.35	0.18
12.60	4.17	1.72	1.10	15.20	4.99	2.36	0.18
12.65	4.20	1.75	0.95	15.25	5.00	2.37	0.17
12.70	4.24	1.77	0.84	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.77	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.73	15.40	5.03	2.38	0.17
12.85	4.33	1.85	0.69	15.45	5.03	2.39	0.17
12.90	4.36	1.87	0.66	15.50	5.04	2.40	0.17
12.95	4.39	1.89	0.63	15.55	5.05	2.40	0.17

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.16	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.16	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.16	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.16	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.16	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.15	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.15	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.15	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.15	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.15	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.15	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.14	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.14	19.35	5.47	2.75	0.09
16.80	5.22	2.54	0.14	19.40	5.48	2.75	0.09
16.85	5.23	2.55	0.13	19.45	5.48	2.75	0.09
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.09
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.09
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.09
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.09
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.13	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.13	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.13	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.12	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.12	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.12	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.12	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.11	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.11	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.11	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.11	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.10	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.08	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.08	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.08	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.08	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.08	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.08	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.08	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.07
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.07
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.06
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.07	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.07	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

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

Summary for Subcatchment 21I: PDA-21 (impervious)

Runoff = 4.69 cfs @ 12.17 hrs, Volume= 0.411 af, Depth= 5.57"
 Routed to Pond B-21 : Basin #21

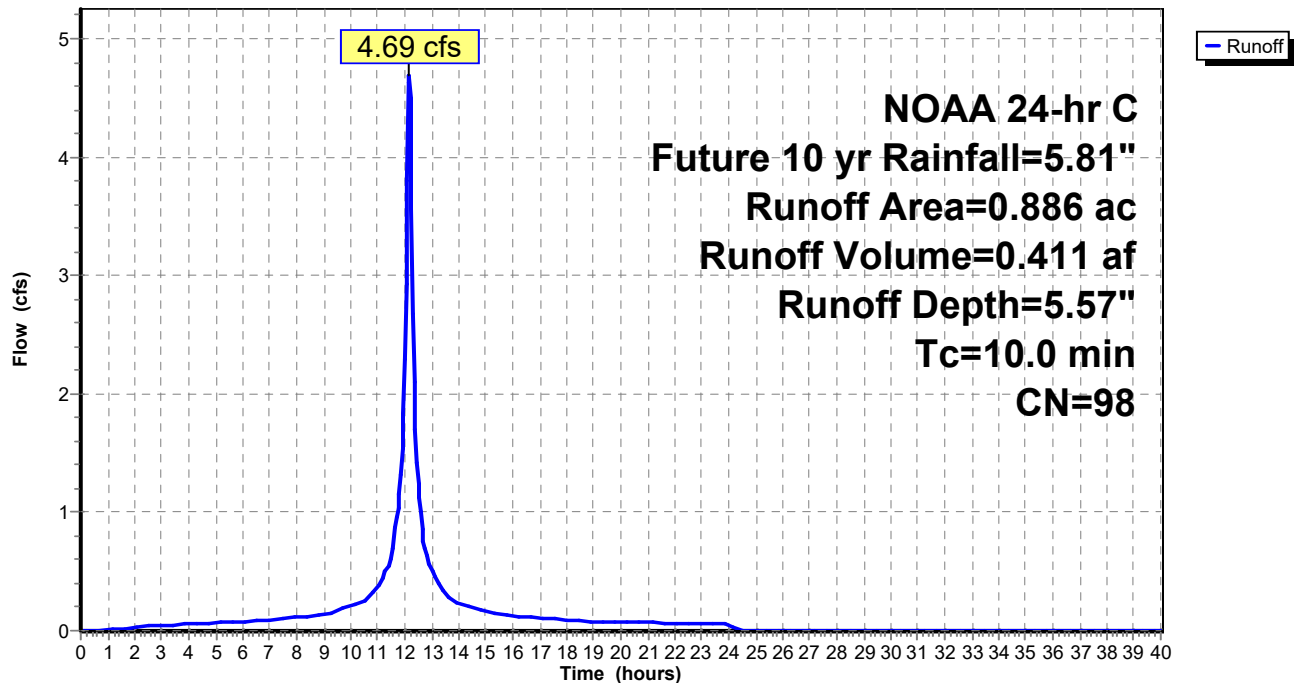
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.511	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.054	98	Concrete, HSC C
0.886	98	Weighted Average
0.886		100.00% Impervious Area

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



Hydrograph for Subcatchment 21I: PDA-21 (impervious)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.14
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.15
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.15
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.16
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.17
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.17
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.17
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.18
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.19
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.19
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.20
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.21
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.21
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.21
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.22
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.22
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.22
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.23
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.23
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.24

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.24	13.00	4.42	4.18	0.52
10.45	1.18	0.97	0.24	13.05	4.44	4.20	0.50
10.50	1.20	0.98	0.25	13.10	4.46	4.23	0.47
10.55	1.21	1.00	0.25	13.15	4.48	4.25	0.44
10.60	1.23	1.02	0.26	13.20	4.50	4.27	0.42
10.65	1.25	1.03	0.27	13.25	4.52	4.29	0.40
10.70	1.27	1.05	0.29	13.30	4.54	4.31	0.38
10.75	1.29	1.07	0.30	13.35	4.56	4.33	0.37
10.80	1.31	1.09	0.31	13.40	4.58	4.34	0.35
10.85	1.33	1.11	0.33	13.45	4.60	4.36	0.34
10.90	1.35	1.13	0.34	13.50	4.61	4.38	0.32
10.95	1.37	1.15	0.36	13.55	4.63	4.39	0.31
11.00	1.39	1.18	0.37	13.60	4.64	4.41	0.29
11.05	1.42	1.20	0.39	13.65	4.66	4.42	0.28
11.10	1.45	1.23	0.41	13.70	4.67	4.43	0.27
11.15	1.48	1.26	0.43	13.75	4.68	4.45	0.26
11.20	1.51	1.29	0.46	13.80	4.70	4.46	0.26
11.25	1.54	1.32	0.49	13.85	4.71	4.48	0.25
11.30	1.57	1.35	0.51	13.90	4.72	4.49	0.25
11.35	1.61	1.38	0.54	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.57	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.60	14.05	4.76	4.53	0.24
11.50	1.72	1.49	0.62	14.10	4.78	4.54	0.23
11.55	1.78	1.55	0.66	14.15	4.79	4.55	0.23
11.60	1.83	1.61	0.74	14.20	4.80	4.56	0.22
11.65	1.90	1.67	0.87	14.25	4.81	4.57	0.22
11.70	1.96	1.73	0.97	14.30	4.82	4.59	0.22
11.75	2.04	1.82	1.04	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.16	14.40	4.85	4.61	0.21
11.85	2.25	2.02	1.32	14.45	4.86	4.62	0.20
11.90	2.36	2.13	1.54	14.50	4.87	4.63	0.20
11.95	2.57	2.34	1.83	14.55	4.88	4.64	0.20
12.00	2.77	2.54	2.30	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.93	14.65	4.90	4.66	0.19
12.10	3.45	3.21	3.80	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.63	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.50	14.80	4.93	4.69	0.18
12.25	3.77	3.53	3.57	14.85	4.94	4.70	0.17
12.30	3.85	3.62	2.69	14.90	4.94	4.71	0.17
12.35	3.91	3.68	2.11	14.95	4.95	4.72	0.17
12.40	3.98	3.74	1.71	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.43	15.05	4.97	4.73	0.16
12.50	4.09	3.86	1.25	15.10	4.98	4.74	0.15
12.55	4.13	3.90	1.13	15.15	4.99	4.75	0.15
12.60	4.17	3.93	1.00	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.86	15.25	5.00	4.76	0.15
12.70	4.24	4.00	0.76	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.69	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.65	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.61	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.58	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.55	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.14	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

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

Summary for Subcatchment 21P: PDA-21 (pervious)

Runoff = 5.40 cfs @ 12.18 hrs, Volume= 0.407 af, Depth= 3.03"
 Routed to Pond B-21 : Basin #21

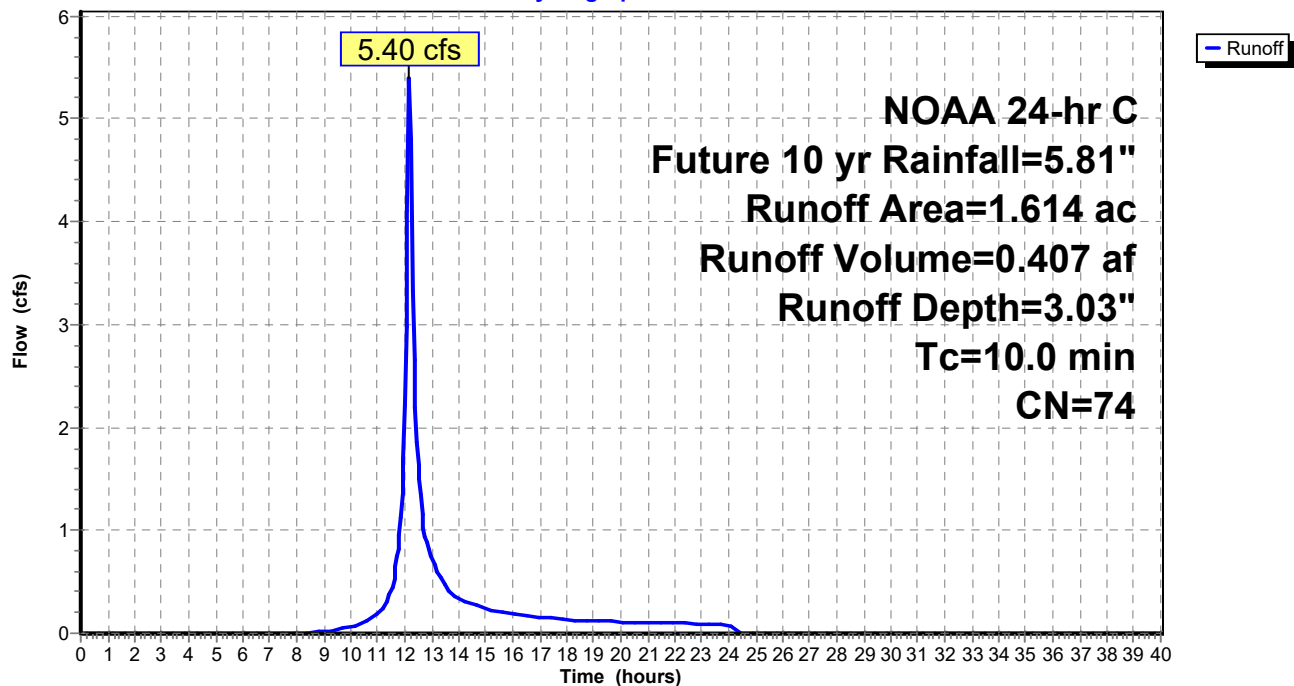
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.614	74	>75% Grass cover, Good, HSG C
1.614		100.00% Pervious Area

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



Hydrograph for Subcatchment 21P: PDA-21 (pervious)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.73
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.69
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.65
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.62
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.58
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.56
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.54
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.52
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.50
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.48
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.46
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.43
11.00	1.39	0.11	0.19	13.60	4.64	2.08	0.41
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.40
11.10	1.45	0.13	0.22	13.70	4.67	2.10	0.38
11.15	1.48	0.14	0.24	13.75	4.68	2.12	0.37
11.20	1.51	0.15	0.26	13.80	4.70	2.13	0.36
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.31	13.90	4.72	2.15	0.35
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.35
11.40	1.64	0.20	0.36	14.00	4.75	2.17	0.34
11.45	1.68	0.21	0.39	14.05	4.76	2.18	0.34
11.50	1.72	0.23	0.42	14.10	4.78	2.19	0.33
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.32
11.60	1.83	0.28	0.53	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.64	14.25	4.81	2.21	0.31
11.70	1.96	0.33	0.74	14.30	4.82	2.22	0.31
11.75	2.04	0.37	0.83	14.35	4.83	2.23	0.30
11.80	2.13	0.41	0.95	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.12	14.45	4.86	2.25	0.29
11.90	2.36	0.53	1.36	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.69	14.55	4.88	2.27	0.28
12.00	2.77	0.77	2.22	14.60	4.89	2.27	0.28
12.05	3.11	0.98	2.98	14.65	4.90	2.28	0.27
12.10	3.45	1.20	4.10	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.25	14.75	4.92	2.30	0.26
12.20	3.68	1.37	5.29	14.80	4.93	2.31	0.26
12.25	3.77	1.43	4.30	14.85	4.94	2.31	0.25
12.30	3.85	1.49	3.32	14.90	4.94	2.32	0.24
12.35	3.91	1.53	2.66	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.19	15.00	4.96	2.33	0.23
12.45	4.03	1.62	1.85	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.64	15.10	4.98	2.35	0.22
12.55	4.13	1.69	1.50	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.34	15.20	4.99	2.36	0.21
12.65	4.20	1.75	1.16	15.25	5.00	2.37	0.21
12.70	4.24	1.77	1.02	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.94	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.89	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.84	15.45	5.03	2.39	0.20
12.90	4.36	1.87	0.80	15.50	5.04	2.40	0.20
12.95	4.39	1.89	0.76	15.55	5.05	2.40	0.20

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.12
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.12
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.12
15.80	5.09	2.43	0.19	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.19	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.19	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.18	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.18	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.17	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.17	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.16	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.16	19.50	5.48	2.76	0.11
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.11
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.15	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.15	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.13	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.10	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

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

Summary for Subcatchment 22I: PDA-22 (impervious)

Runoff = 4.31 cfs @ 12.17 hrs, Volume= 0.378 af, Depth= 5.57"
 Routed to Pond B-22 : Basin #22

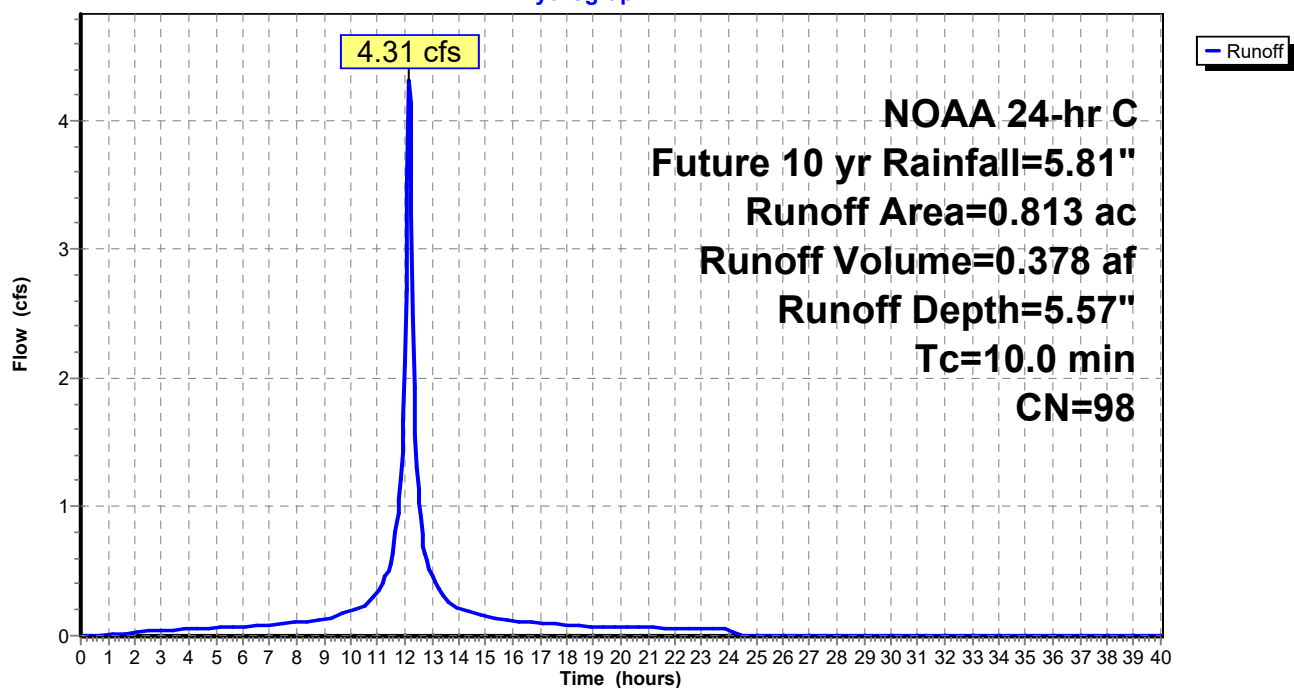
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.083	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.023	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



Hydrograph for Subcatchment 22I: PDA-22 (impervious)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.10
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.11
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.11
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.11
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.11
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.11
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.12
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.12
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.12
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.12
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.12
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.12
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.13
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.14
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.15
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.16
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.17
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.17
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.17
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.18
7.25	0.60	0.41	0.09	9.85	1.02	0.81	0.18
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.18
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.19
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.19
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.20
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.20
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.20
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.21
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.21
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.21
7.75	0.66	0.47	0.10	10.35	1.15	0.94	0.22

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.22	13.00	4.42	4.18	0.48
10.45	1.18	0.97	0.22	13.05	4.44	4.20	0.46
10.50	1.20	0.98	0.23	13.10	4.46	4.23	0.43
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.41
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.38
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.37
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.35
10.75	1.29	1.07	0.28	13.35	4.56	4.33	0.34
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.32
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.31
10.90	1.35	1.13	0.32	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.33	13.55	4.63	4.39	0.28
11.00	1.39	1.18	0.34	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.36	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.25
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.24
11.20	1.51	1.29	0.42	13.80	4.70	4.46	0.23
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.23
11.30	1.57	1.35	0.47	13.90	4.72	4.49	0.23
11.35	1.61	1.38	0.50	13.95	4.74	4.50	0.22
11.40	1.64	1.42	0.52	14.00	4.75	4.51	0.22
11.45	1.68	1.46	0.55	14.05	4.76	4.53	0.22
11.50	1.72	1.49	0.57	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.60	14.15	4.79	4.55	0.21
11.60	1.83	1.61	0.68	14.20	4.80	4.56	0.20
11.65	1.90	1.67	0.80	14.25	4.81	4.57	0.20
11.70	1.96	1.73	0.89	14.30	4.82	4.59	0.20
11.75	2.04	1.82	0.96	14.35	4.83	4.60	0.19
11.80	2.13	1.90	1.06	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.21	14.45	4.86	4.62	0.19
11.90	2.36	2.13	1.42	14.50	4.87	4.63	0.18
11.95	2.57	2.34	1.68	14.55	4.88	4.64	0.18
12.00	2.77	2.54	2.11	14.60	4.89	4.65	0.18
12.05	3.11	2.88	2.69	14.65	4.90	4.66	0.17
12.10	3.45	3.21	3.49	14.70	4.91	4.67	0.17
12.15	3.56	3.33	4.25	14.75	4.92	4.68	0.17
12.20	3.68	3.45	4.13	14.80	4.93	4.69	0.16
12.25	3.77	3.53	3.27	14.85	4.94	4.70	0.16
12.30	3.85	3.62	2.47	14.90	4.94	4.71	0.16
12.35	3.91	3.68	1.93	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.57	15.00	4.96	4.72	0.15
12.45	4.03	3.80	1.31	15.05	4.97	4.73	0.14
12.50	4.09	3.86	1.14	15.10	4.98	4.74	0.14
12.55	4.13	3.90	1.04	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.92	15.20	4.99	4.76	0.13
12.65	4.20	3.97	0.79	15.25	5.00	4.76	0.13
12.70	4.24	4.00	0.69	15.30	5.01	4.77	0.13
12.75	4.27	4.04	0.64	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.60	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.56	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.53	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.51	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.12	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.12	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.12	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.12	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.11	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.11	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.11	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.10	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.10	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.09	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.09	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.08	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

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

Summary for Subcatchment 22P: PDA-22 (pervious)

Runoff = 5.51 cfs @ 12.18 hrs, Volume= 0.415 af, Depth= 3.03"
 Routed to Pond B-22 : Basin #22

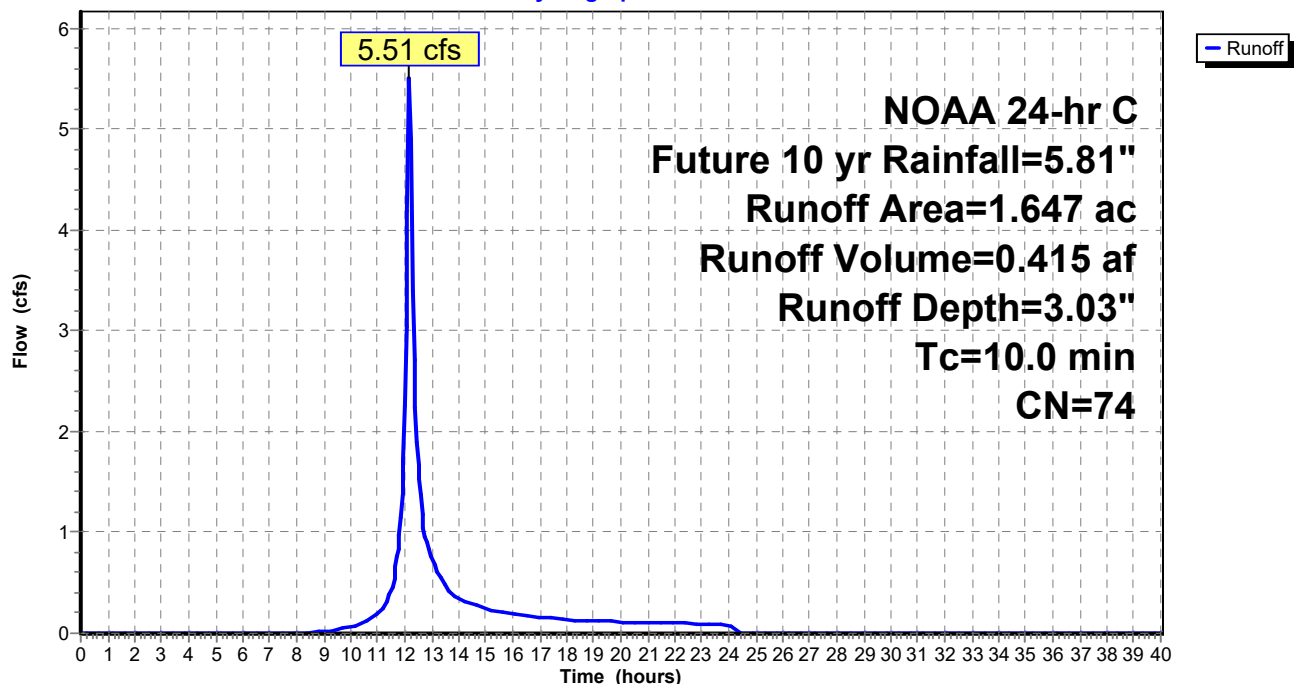
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.647	74	>75% Grass cover, Good, HSG C
1.647		100.00% Pervious Area

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



Hydrograph for Subcatchment 22P: PDA-22 (pervious)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.02
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.03
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.09
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.74
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.70
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.67
10.55	1.21	0.06	0.11	13.15	4.48	1.96	0.63
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.60
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.57
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.55
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.53
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.51
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.49
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.46
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.44
11.00	1.39	0.11	0.20	13.60	4.64	2.08	0.42
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.40
11.10	1.45	0.13	0.23	13.70	4.67	2.10	0.39
11.15	1.48	0.14	0.25	13.75	4.68	2.12	0.38
11.20	1.51	0.15	0.27	13.80	4.70	2.13	0.37
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.32	13.90	4.72	2.15	0.36
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.35
11.40	1.64	0.20	0.37	14.00	4.75	2.17	0.35
11.45	1.68	0.21	0.40	14.05	4.76	2.18	0.34
11.50	1.72	0.23	0.43	14.10	4.78	2.19	0.34
11.55	1.78	0.25	0.47	14.15	4.79	2.20	0.33
11.60	1.83	0.28	0.55	14.20	4.80	2.21	0.33
11.65	1.90	0.30	0.66	14.25	4.81	2.21	0.32
11.70	1.96	0.33	0.76	14.30	4.82	2.22	0.32
11.75	2.04	0.37	0.84	14.35	4.83	2.23	0.31
11.80	2.13	0.41	0.97	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.15	14.45	4.86	2.25	0.30
11.90	2.36	0.53	1.39	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.72	14.55	4.88	2.27	0.29
12.00	2.77	0.77	2.27	14.60	4.89	2.27	0.28
12.05	3.11	0.98	3.04	14.65	4.90	2.28	0.28
12.10	3.45	1.20	4.18	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.36	14.75	4.92	2.30	0.27
12.20	3.68	1.37	5.40	14.80	4.93	2.31	0.26
12.25	3.77	1.43	4.39	14.85	4.94	2.31	0.26
12.30	3.85	1.49	3.39	14.90	4.94	2.32	0.25
12.35	3.91	1.53	2.71	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.24	15.00	4.96	2.33	0.24
12.45	4.03	1.62	1.89	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.67	15.10	4.98	2.35	0.23
12.55	4.13	1.69	1.54	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.37	15.20	4.99	2.36	0.22
12.65	4.20	1.75	1.18	15.25	5.00	2.37	0.22
12.70	4.24	1.77	1.04	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.96	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.90	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.86	15.45	5.03	2.39	0.21
12.90	4.36	1.87	0.82	15.50	5.04	2.40	0.21
12.95	4.39	1.89	0.78	15.55	5.05	2.40	0.21

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.13
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.13
15.80	5.09	2.43	0.20	18.40	5.39	2.68	0.13
15.85	5.09	2.44	0.20	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.20	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.19	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.19	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.19	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.18	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.17	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.12
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.12
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.12
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.12
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.12
17.25	5.27	2.58	0.16	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.15	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.15	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.14	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.11	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.11	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.11	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.09
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.10	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

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

Summary for Subcatchment 23I: PDA-23 (impervious)

Runoff = 4.36 cfs @ 12.17 hrs, Volume= 0.382 af, Depth= 5.57"
 Routed to Pond B-23 : Basin #23

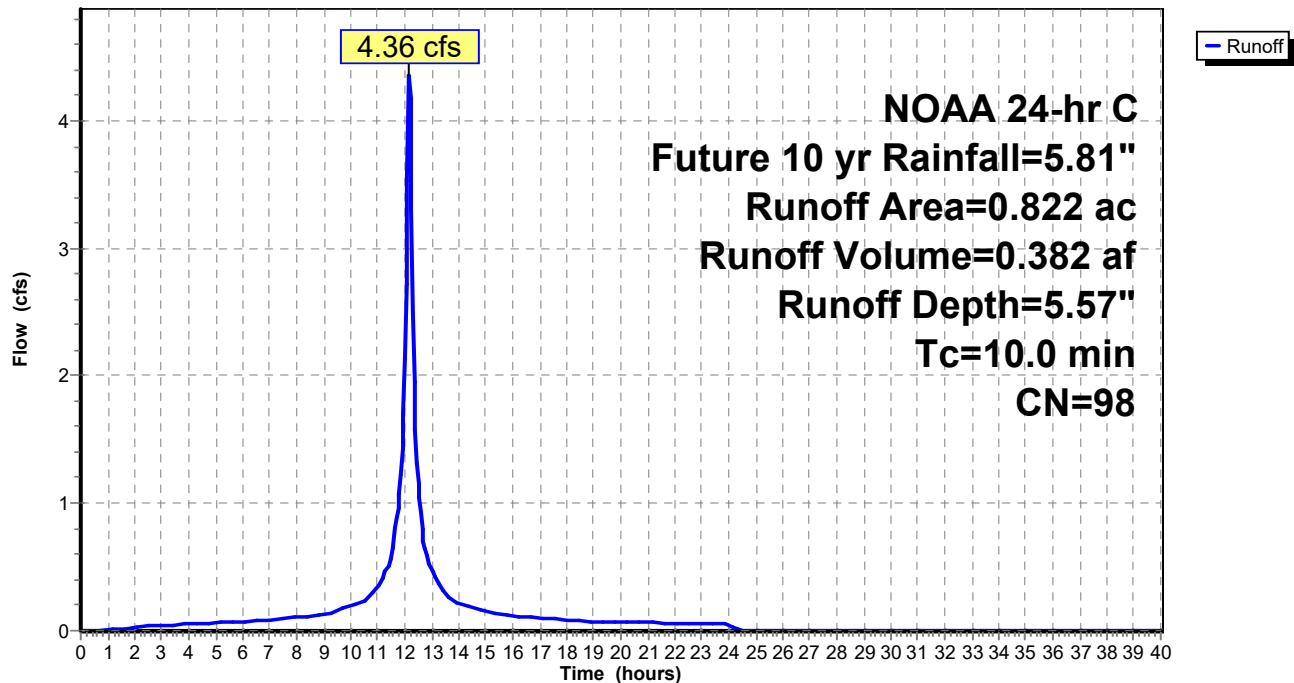
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.719	98	Pavement, HSG C
* 0.103	98	Concrete, HSG C
0.000	98	Roofs, HSG C
0.822	98	Weighted Average
0.822		100.00% Impervious Area

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



Hydrograph for Subcatchment 23I: PDA-23 (impervious)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.10
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.11
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.11
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.11
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.11
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.12
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.12
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.12
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.12
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.13
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.14
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.14
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.15
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.16
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.17
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.17
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.18
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.18
7.25	0.60	0.41	0.09	9.85	1.02	0.81	0.18
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.19
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.19
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.19
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.20
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.20
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.20
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.21
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.21
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.22
7.75	0.66	0.47	0.10	10.35	1.15	0.94	0.22

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.22	13.00	4.42	4.18	0.49
10.45	1.18	0.97	0.23	13.05	4.44	4.20	0.46
10.50	1.20	0.98	0.23	13.10	4.46	4.23	0.44
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.41
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.39
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.37
10.70	1.27	1.05	0.27	13.30	4.54	4.31	0.36
10.75	1.29	1.07	0.28	13.35	4.56	4.33	0.34
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.33
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.31
10.90	1.35	1.13	0.32	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.33	13.55	4.63	4.39	0.29
11.00	1.39	1.18	0.35	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.36	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.25
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.24
11.20	1.51	1.29	0.43	13.80	4.70	4.46	0.24
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.23
11.30	1.57	1.35	0.48	13.90	4.72	4.49	0.23
11.35	1.61	1.38	0.50	13.95	4.74	4.50	0.23
11.40	1.64	1.42	0.53	14.00	4.75	4.51	0.22
11.45	1.68	1.46	0.55	14.05	4.76	4.53	0.22
11.50	1.72	1.49	0.58	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.61	14.15	4.79	4.55	0.21
11.60	1.83	1.61	0.69	14.20	4.80	4.56	0.21
11.65	1.90	1.67	0.80	14.25	4.81	4.57	0.20
11.70	1.96	1.73	0.90	14.30	4.82	4.59	0.20
11.75	2.04	1.82	0.97	14.35	4.83	4.60	0.20
11.80	2.13	1.90	1.08	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.23	14.45	4.86	4.62	0.19
11.90	2.36	2.13	1.43	14.50	4.87	4.63	0.19
11.95	2.57	2.34	1.70	14.55	4.88	4.64	0.18
12.00	2.77	2.54	2.13	14.60	4.89	4.65	0.18
12.05	3.11	2.88	2.72	14.65	4.90	4.66	0.17
12.10	3.45	3.21	3.53	14.70	4.91	4.67	0.17
12.15	3.56	3.33	4.30	14.75	4.92	4.68	0.17
12.20	3.68	3.45	4.18	14.80	4.93	4.69	0.16
12.25	3.77	3.53	3.31	14.85	4.94	4.70	0.16
12.30	3.85	3.62	2.49	14.90	4.94	4.71	0.16
12.35	3.91	3.68	1.96	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.58	15.00	4.96	4.72	0.15
12.45	4.03	3.80	1.32	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.16	15.10	4.98	4.74	0.14
12.55	4.13	3.90	1.05	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.93	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.80	15.25	5.00	4.76	0.13
12.70	4.24	4.00	0.70	15.30	5.01	4.77	0.13
12.75	4.27	4.04	0.64	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.60	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.57	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.54	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.51	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.12	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.12	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.11	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.11	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.10	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.09	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

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

Summary for Subcatchment 23P: PDA-23 (pervious)

Runoff = 5.44 cfs @ 12.18 hrs, Volume= 0.410 af, Depth= 3.03"
 Routed to Pond B-23 : Basin #23

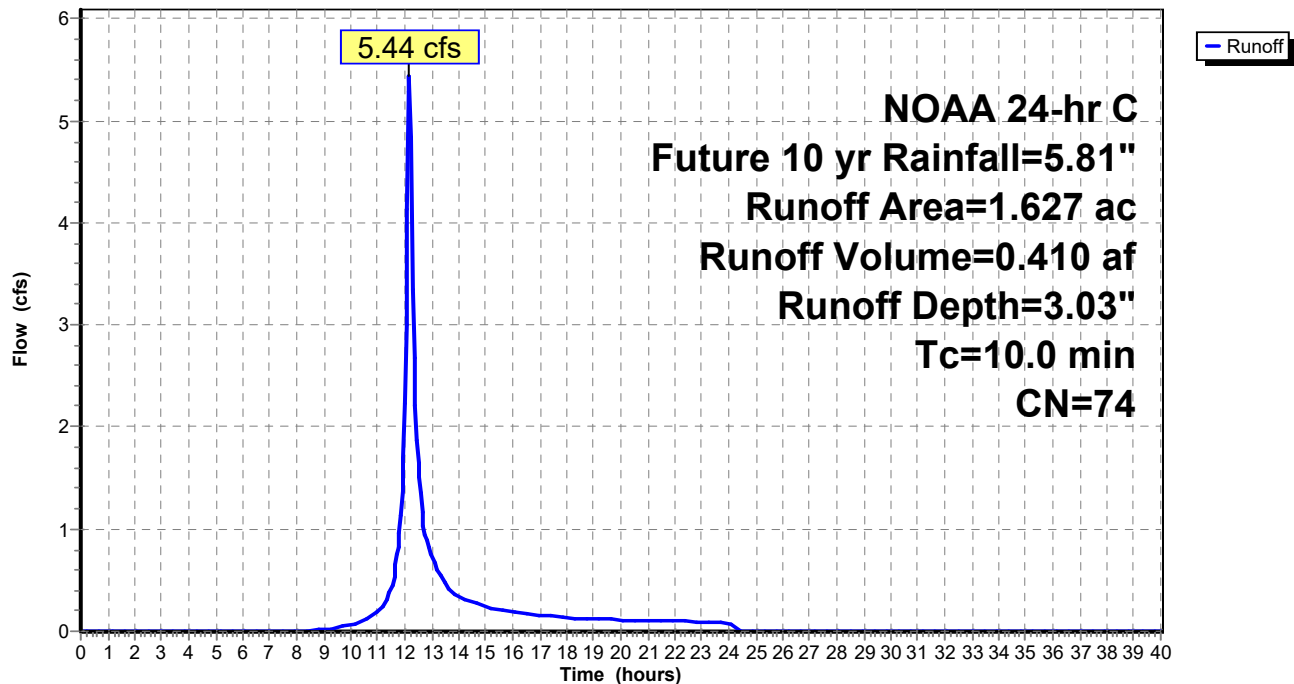
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.627	74	>75% Grass cover, Good, HSG C
1.627		100.00% Pervious Area

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



Hydrograph for Subcatchment 23P: PDA-23 (pervious)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.73
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.69
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.66
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.62
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.59
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.56
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.54
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.52
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.50
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.48
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.46
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.44
11.00	1.39	0.11	0.19	13.60	4.64	2.08	0.42
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.40
11.10	1.45	0.13	0.23	13.70	4.67	2.10	0.38
11.15	1.48	0.14	0.24	13.75	4.68	2.12	0.37
11.20	1.51	0.15	0.27	13.80	4.70	2.13	0.37
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.31	13.90	4.72	2.15	0.35
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.35
11.40	1.64	0.20	0.37	14.00	4.75	2.17	0.34
11.45	1.68	0.21	0.40	14.05	4.76	2.18	0.34
11.50	1.72	0.23	0.42	14.10	4.78	2.19	0.33
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.33
11.60	1.83	0.28	0.54	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.65	14.25	4.81	2.21	0.32
11.70	1.96	0.33	0.75	14.30	4.82	2.22	0.31
11.75	2.04	0.37	0.83	14.35	4.83	2.23	0.31
11.80	2.13	0.41	0.96	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.13	14.45	4.86	2.25	0.30
11.90	2.36	0.53	1.37	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.70	14.55	4.88	2.27	0.28
12.00	2.77	0.77	2.24	14.60	4.89	2.27	0.28
12.05	3.11	0.98	3.00	14.65	4.90	2.28	0.27
12.10	3.45	1.20	4.13	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.29	14.75	4.92	2.30	0.26
12.20	3.68	1.37	5.33	14.80	4.93	2.31	0.26
12.25	3.77	1.43	4.34	14.85	4.94	2.31	0.25
12.30	3.85	1.49	3.35	14.90	4.94	2.32	0.25
12.35	3.91	1.53	2.68	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.21	15.00	4.96	2.33	0.24
12.45	4.03	1.62	1.87	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.65	15.10	4.98	2.35	0.22
12.55	4.13	1.69	1.52	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.35	15.20	4.99	2.36	0.22
12.65	4.20	1.75	1.17	15.25	5.00	2.37	0.21
12.70	4.24	1.77	1.03	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.95	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.89	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.85	15.45	5.03	2.39	0.21
12.90	4.36	1.87	0.81	15.50	5.04	2.40	0.20
12.95	4.39	1.89	0.77	15.55	5.05	2.40	0.20

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.12
15.80	5.09	2.43	0.20	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.19	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.19	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.19	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.18	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.17	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.16	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.15	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

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

Summary for Subcatchment 24I: PDA-24 (impervious)

Runoff = 4.78 cfs @ 12.17 hrs, Volume= 0.419 af, Depth= 5.57"
 Routed to Pond B-24 : Basin #24

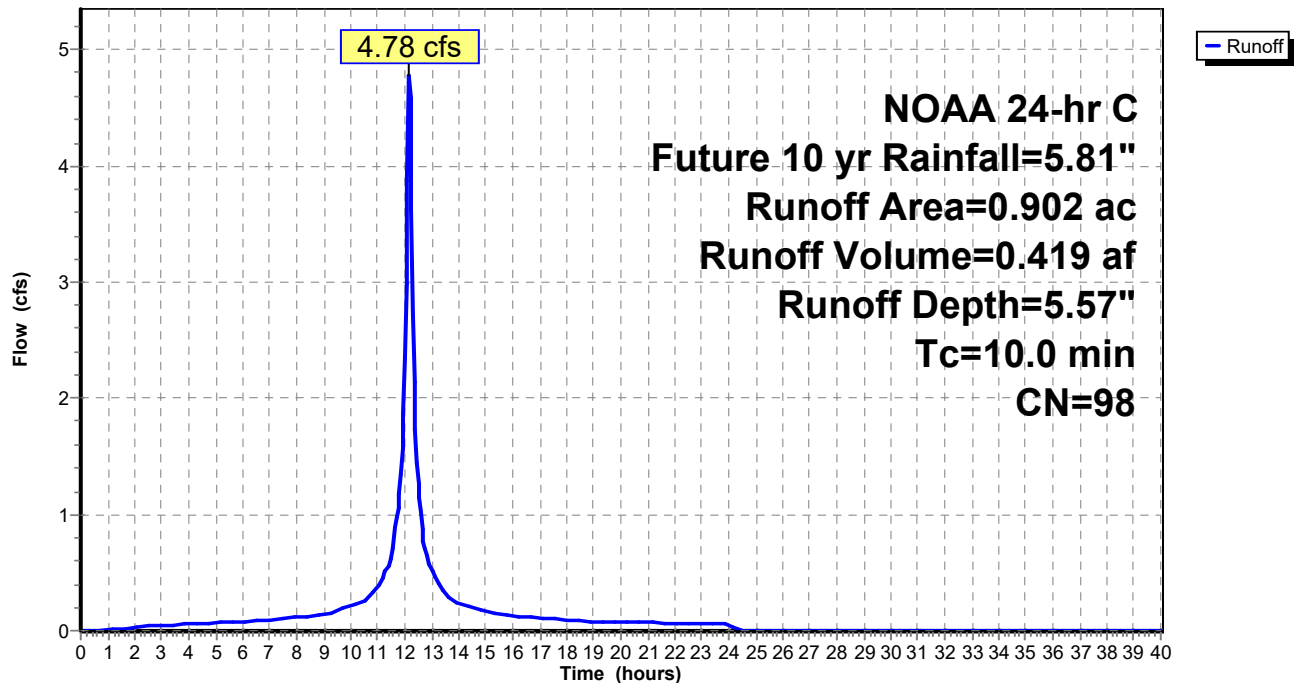
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



Hydrograph for Subcatchment 24I: PDA-24 (impervious)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.12
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.13
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.14
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.15
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.16
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.16
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.17
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.17
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.17
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.18
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.18
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.19
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.19
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.20
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.20
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.21
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.21
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.22
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.22
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.22
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.23
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.23
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.24
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.24

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.24	13.00	4.42	4.18	0.53
10.45	1.18	0.97	0.25	13.05	4.44	4.20	0.51
10.50	1.20	0.98	0.25	13.10	4.46	4.23	0.48
10.55	1.21	1.00	0.26	13.15	4.48	4.25	0.45
10.60	1.23	1.02	0.27	13.20	4.50	4.27	0.43
10.65	1.25	1.03	0.28	13.25	4.52	4.29	0.41
10.70	1.27	1.05	0.29	13.30	4.54	4.31	0.39
10.75	1.29	1.07	0.31	13.35	4.56	4.33	0.37
10.80	1.31	1.09	0.32	13.40	4.58	4.34	0.36
10.85	1.33	1.11	0.33	13.45	4.60	4.36	0.34
10.90	1.35	1.13	0.35	13.50	4.61	4.38	0.33
10.95	1.37	1.15	0.36	13.55	4.63	4.39	0.31
11.00	1.39	1.18	0.38	13.60	4.64	4.41	0.30
11.05	1.42	1.20	0.40	13.65	4.66	4.42	0.28
11.10	1.45	1.23	0.42	13.70	4.67	4.43	0.27
11.15	1.48	1.26	0.44	13.75	4.68	4.45	0.27
11.20	1.51	1.29	0.47	13.80	4.70	4.46	0.26
11.25	1.54	1.32	0.49	13.85	4.71	4.48	0.26
11.30	1.57	1.35	0.52	13.90	4.72	4.49	0.25
11.35	1.61	1.38	0.55	13.95	4.74	4.50	0.25
11.40	1.64	1.42	0.58	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.61	14.05	4.76	4.53	0.24
11.50	1.72	1.49	0.63	14.10	4.78	4.54	0.24
11.55	1.78	1.55	0.67	14.15	4.79	4.55	0.23
11.60	1.83	1.61	0.76	14.20	4.80	4.56	0.23
11.65	1.90	1.67	0.88	14.25	4.81	4.57	0.22
11.70	1.96	1.73	0.99	14.30	4.82	4.59	0.22
11.75	2.04	1.82	1.06	14.35	4.83	4.60	0.22
11.80	2.13	1.90	1.18	14.40	4.85	4.61	0.21
11.85	2.25	2.02	1.35	14.45	4.86	4.62	0.21
11.90	2.36	2.13	1.57	14.50	4.87	4.63	0.20
11.95	2.57	2.34	1.87	14.55	4.88	4.64	0.20
12.00	2.77	2.54	2.34	14.60	4.89	4.65	0.20
12.05	3.11	2.88	2.98	14.65	4.90	4.66	0.19
12.10	3.45	3.21	3.87	14.70	4.91	4.67	0.19
12.15	3.56	3.33	4.71	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.58	14.80	4.93	4.69	0.18
12.25	3.77	3.53	3.63	14.85	4.94	4.70	0.18
12.30	3.85	3.62	2.74	14.90	4.94	4.71	0.17
12.35	3.91	3.68	2.15	14.95	4.95	4.72	0.17
12.40	3.98	3.74	1.74	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.45	15.05	4.97	4.73	0.16
12.50	4.09	3.86	1.27	15.10	4.98	4.74	0.16
12.55	4.13	3.90	1.15	15.15	4.99	4.75	0.15
12.60	4.17	3.93	1.02	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.88	15.25	5.00	4.76	0.15
12.70	4.24	4.00	0.77	15.30	5.01	4.77	0.15
12.75	4.27	4.04	0.70	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.66	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.63	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.59	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.56	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.14	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.14	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.14	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.13	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.13	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.13	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.12	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.12	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.11	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.11	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.08
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.10	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.06
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.07	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

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

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 5.04 cfs @ 12.18 hrs, Volume= 0.380 af, Depth= 3.03"
 Routed to Pond B-24 : Basin #24

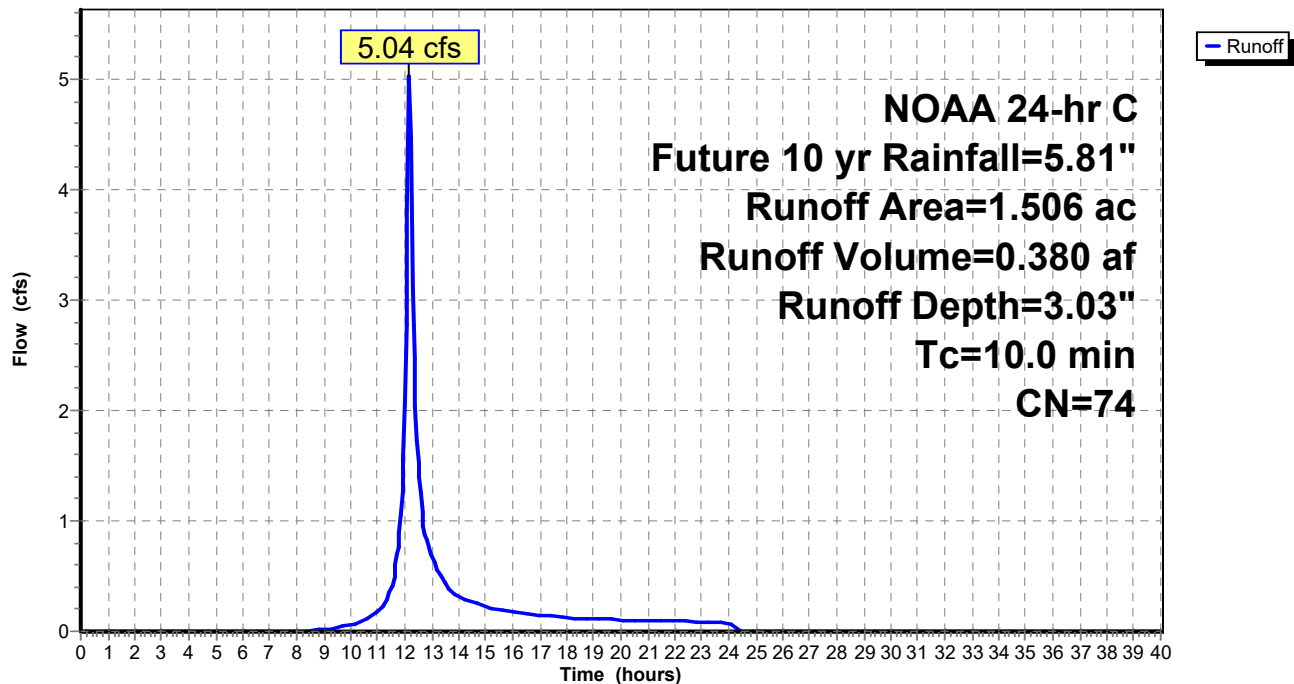
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.68
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.64
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.61
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.57
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.55
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.52
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.50
10.75	1.29	0.08	0.13	13.35	4.56	2.02	0.48
10.80	1.31	0.09	0.14	13.40	4.58	2.03	0.46
10.85	1.33	0.09	0.15	13.45	4.60	2.05	0.44
10.90	1.35	0.10	0.16	13.50	4.61	2.06	0.42
10.95	1.37	0.11	0.17	13.55	4.63	2.07	0.41
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.39
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.37
11.10	1.45	0.13	0.21	13.70	4.67	2.10	0.36
11.15	1.48	0.14	0.23	13.75	4.68	2.12	0.35
11.20	1.51	0.15	0.25	13.80	4.70	2.13	0.34
11.25	1.54	0.16	0.27	13.85	4.71	2.14	0.33
11.30	1.57	0.17	0.29	13.90	4.72	2.15	0.33
11.35	1.61	0.18	0.32	13.95	4.74	2.16	0.32
11.40	1.64	0.20	0.34	14.00	4.75	2.17	0.32
11.45	1.68	0.21	0.37	14.05	4.76	2.18	0.31
11.50	1.72	0.23	0.39	14.10	4.78	2.19	0.31
11.55	1.78	0.25	0.43	14.15	4.79	2.20	0.30
11.60	1.83	0.28	0.50	14.20	4.80	2.21	0.30
11.65	1.90	0.30	0.60	14.25	4.81	2.21	0.29
11.70	1.96	0.33	0.69	14.30	4.82	2.22	0.29
11.75	2.04	0.37	0.77	14.35	4.83	2.23	0.28
11.80	2.13	0.41	0.89	14.40	4.85	2.24	0.28
11.85	2.25	0.47	1.05	14.45	4.86	2.25	0.27
11.90	2.36	0.53	1.27	14.50	4.87	2.26	0.27
11.95	2.57	0.65	1.58	14.55	4.88	2.27	0.26
12.00	2.77	0.77	2.07	14.60	4.89	2.27	0.26
12.05	3.11	0.98	2.78	14.65	4.90	2.28	0.25
12.10	3.45	1.20	3.82	14.70	4.91	2.29	0.25
12.15	3.56	1.28	4.90	14.75	4.92	2.30	0.24
12.20	3.68	1.37	4.94	14.80	4.93	2.31	0.24
12.25	3.77	1.43	4.02	14.85	4.94	2.31	0.23
12.30	3.85	1.49	3.10	14.90	4.94	2.32	0.23
12.35	3.91	1.53	2.48	14.95	4.95	2.33	0.22
12.40	3.98	1.58	2.04	15.00	4.96	2.33	0.22
12.45	4.03	1.62	1.73	15.05	4.97	2.34	0.21
12.50	4.09	1.67	1.53	15.10	4.98	2.35	0.21
12.55	4.13	1.69	1.40	15.15	4.99	2.35	0.20
12.60	4.17	1.72	1.25	15.20	4.99	2.36	0.20
12.65	4.20	1.75	1.08	15.25	5.00	2.37	0.20
12.70	4.24	1.77	0.95	15.30	5.01	2.37	0.19
12.75	4.27	1.80	0.88	15.35	5.02	2.38	0.19
12.80	4.30	1.82	0.83	15.40	5.03	2.38	0.19
12.85	4.33	1.85	0.79	15.45	5.03	2.39	0.19
12.90	4.36	1.87	0.75	15.50	5.04	2.40	0.19
12.95	4.39	1.89	0.71	15.55	5.05	2.40	0.19

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.19	18.20	5.37	2.66	0.12
15.65	5.06	2.41	0.19	18.25	5.37	2.67	0.12
15.70	5.07	2.42	0.18	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.18	18.35	5.38	2.67	0.11
15.80	5.09	2.43	0.18	18.40	5.39	2.68	0.11
15.85	5.09	2.44	0.18	18.45	5.39	2.68	0.11
15.90	5.10	2.44	0.18	18.50	5.40	2.68	0.11
15.95	5.11	2.45	0.18	18.55	5.40	2.69	0.11
16.00	5.11	2.46	0.18	18.60	5.40	2.69	0.11
16.05	5.12	2.46	0.17	18.65	5.41	2.69	0.11
16.10	5.13	2.47	0.17	18.70	5.41	2.70	0.11
16.15	5.13	2.47	0.17	18.75	5.42	2.70	0.11
16.20	5.14	2.48	0.17	18.80	5.42	2.71	0.11
16.25	5.15	2.48	0.17	18.85	5.43	2.71	0.11
16.30	5.16	2.49	0.17	18.90	5.43	2.71	0.11
16.35	5.16	2.49	0.17	18.95	5.44	2.72	0.11
16.40	5.17	2.50	0.17	19.00	5.44	2.72	0.11
16.45	5.17	2.50	0.16	19.05	5.44	2.72	0.11
16.50	5.18	2.51	0.16	19.10	5.45	2.73	0.11
16.55	5.19	2.52	0.16	19.15	5.45	2.73	0.11
16.60	5.19	2.52	0.16	19.20	5.46	2.73	0.11
16.65	5.20	2.53	0.16	19.25	5.46	2.74	0.11
16.70	5.21	2.53	0.16	19.30	5.47	2.74	0.11
16.75	5.21	2.54	0.16	19.35	5.47	2.75	0.11
16.80	5.22	2.54	0.15	19.40	5.48	2.75	0.11
16.85	5.23	2.55	0.15	19.45	5.48	2.75	0.11
16.90	5.23	2.55	0.15	19.50	5.48	2.76	0.11
16.95	5.24	2.55	0.15	19.55	5.49	2.76	0.11
17.00	5.24	2.56	0.15	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.15	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.15	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.15	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.14	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.14	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.14	19.90	5.52	2.78	0.10
17.35	5.28	2.59	0.14	19.95	5.52	2.79	0.10
17.40	5.29	2.60	0.14	20.00	5.53	2.79	0.10
17.45	5.29	2.60	0.14	20.05	5.53	2.79	0.10
17.50	5.30	2.61	0.14	20.10	5.53	2.80	0.10
17.55	5.30	2.61	0.13	20.15	5.54	2.80	0.10
17.60	5.31	2.61	0.13	20.20	5.54	2.80	0.10
17.65	5.31	2.62	0.13	20.25	5.55	2.81	0.10
17.70	5.32	2.62	0.13	20.30	5.55	2.81	0.10
17.75	5.33	2.63	0.13	20.35	5.55	2.81	0.10
17.80	5.33	2.63	0.13	20.40	5.56	2.82	0.10
17.85	5.34	2.63	0.13	20.45	5.56	2.82	0.10
17.90	5.34	2.64	0.12	20.50	5.57	2.82	0.10
17.95	5.34	2.64	0.12	20.55	5.57	2.83	0.10
18.00	5.35	2.65	0.12	20.60	5.57	2.83	0.10
18.05	5.35	2.65	0.12	20.65	5.58	2.83	0.10
18.10	5.36	2.65	0.12	20.70	5.58	2.84	0.10
18.15	5.36	2.66	0.12	20.75	5.59	2.84	0.10

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.10	23.40	5.77	2.99	0.08
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.08
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.08
20.95	5.60	2.85	0.10	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.09	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.09	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.09	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.09	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.09	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.09	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.09	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.09	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.09	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.09	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.09	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.09	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.09	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.09	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.08	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.08	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.08	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.08	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

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

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 4.63 cfs @ 12.17 hrs, Volume= 0.406 af, Depth= 5.57"
 Routed to Pond B-25 : Basin #25

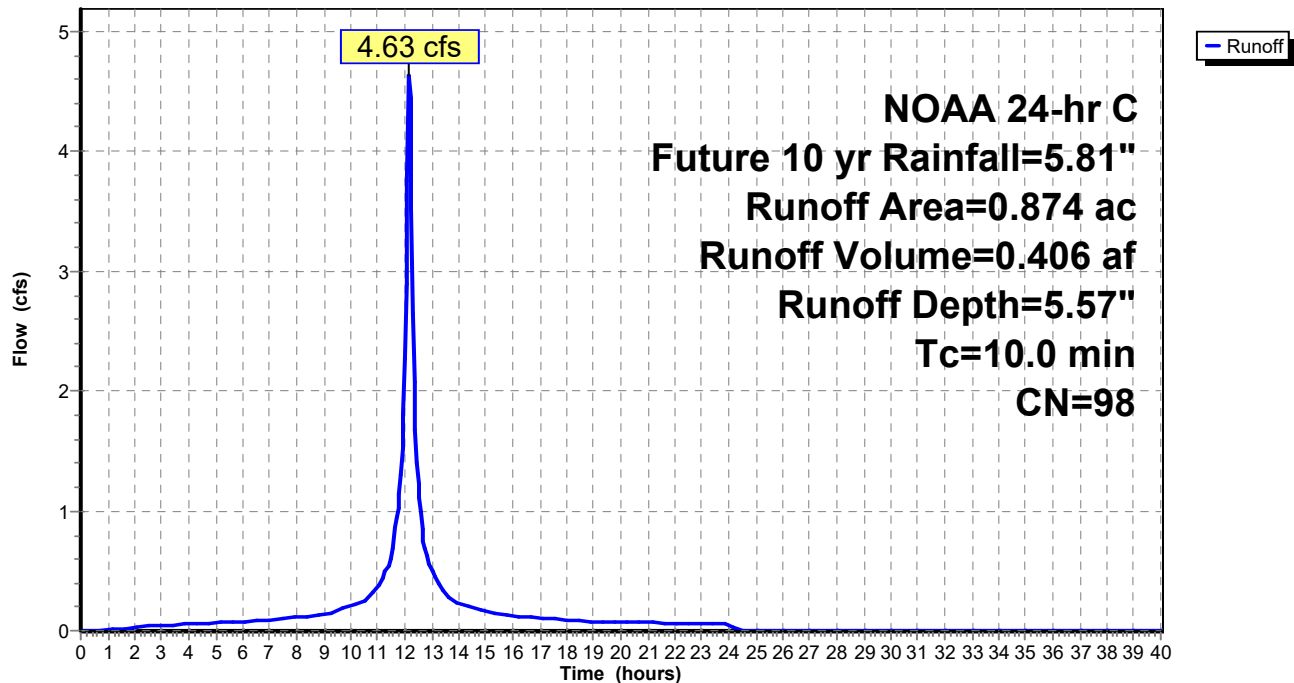
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.14
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.15
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.15
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.16
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.16
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.17
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.17
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.18
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.18
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.19
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.19
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.20
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.21
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.21
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.21
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.22
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.22
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.23
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.23
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.23

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.24	13.00	4.42	4.18	0.52
10.45	1.18	0.97	0.24	13.05	4.44	4.20	0.49
10.50	1.20	0.98	0.24	13.10	4.46	4.23	0.46
10.55	1.21	1.00	0.25	13.15	4.48	4.25	0.44
10.60	1.23	1.02	0.26	13.20	4.50	4.27	0.41
10.65	1.25	1.03	0.27	13.25	4.52	4.29	0.40
10.70	1.27	1.05	0.28	13.30	4.54	4.31	0.38
10.75	1.29	1.07	0.30	13.35	4.56	4.33	0.36
10.80	1.31	1.09	0.31	13.40	4.58	4.34	0.35
10.85	1.33	1.11	0.32	13.45	4.60	4.36	0.33
10.90	1.35	1.13	0.34	13.50	4.61	4.38	0.32
10.95	1.37	1.15	0.35	13.55	4.63	4.39	0.30
11.00	1.39	1.18	0.37	13.60	4.64	4.41	0.29
11.05	1.42	1.20	0.38	13.65	4.66	4.42	0.28
11.10	1.45	1.23	0.40	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.43	13.75	4.68	4.45	0.26
11.20	1.51	1.29	0.45	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.48	13.85	4.71	4.48	0.25
11.30	1.57	1.35	0.51	13.90	4.72	4.49	0.24
11.35	1.61	1.38	0.53	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.56	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.59	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.61	14.10	4.78	4.54	0.23
11.55	1.78	1.55	0.65	14.15	4.79	4.55	0.22
11.60	1.83	1.61	0.73	14.20	4.80	4.56	0.22
11.65	1.90	1.67	0.86	14.25	4.81	4.57	0.22
11.70	1.96	1.73	0.95	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.03	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.14	14.40	4.85	4.61	0.20
11.85	2.25	2.02	1.30	14.45	4.86	4.62	0.20
11.90	2.36	2.13	1.52	14.50	4.87	4.63	0.20
11.95	2.57	2.34	1.81	14.55	4.88	4.64	0.19
12.00	2.77	2.54	2.27	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.89	14.65	4.90	4.66	0.19
12.10	3.45	3.21	3.75	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.57	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.44	14.80	4.93	4.69	0.17
12.25	3.77	3.53	3.52	14.85	4.94	4.70	0.17
12.30	3.85	3.62	2.65	14.90	4.94	4.71	0.17
12.35	3.91	3.68	2.08	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.68	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.41	15.05	4.97	4.73	0.16
12.50	4.09	3.86	1.23	15.10	4.98	4.74	0.15
12.55	4.13	3.90	1.12	15.15	4.99	4.75	0.15
12.60	4.17	3.93	0.99	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.85	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.74	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.68	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.64	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.61	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.58	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.55	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

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

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 5.44 cfs @ 12.18 hrs, Volume= 0.410 af, Depth= 3.03"
 Routed to Pond B-25 : Basin #25

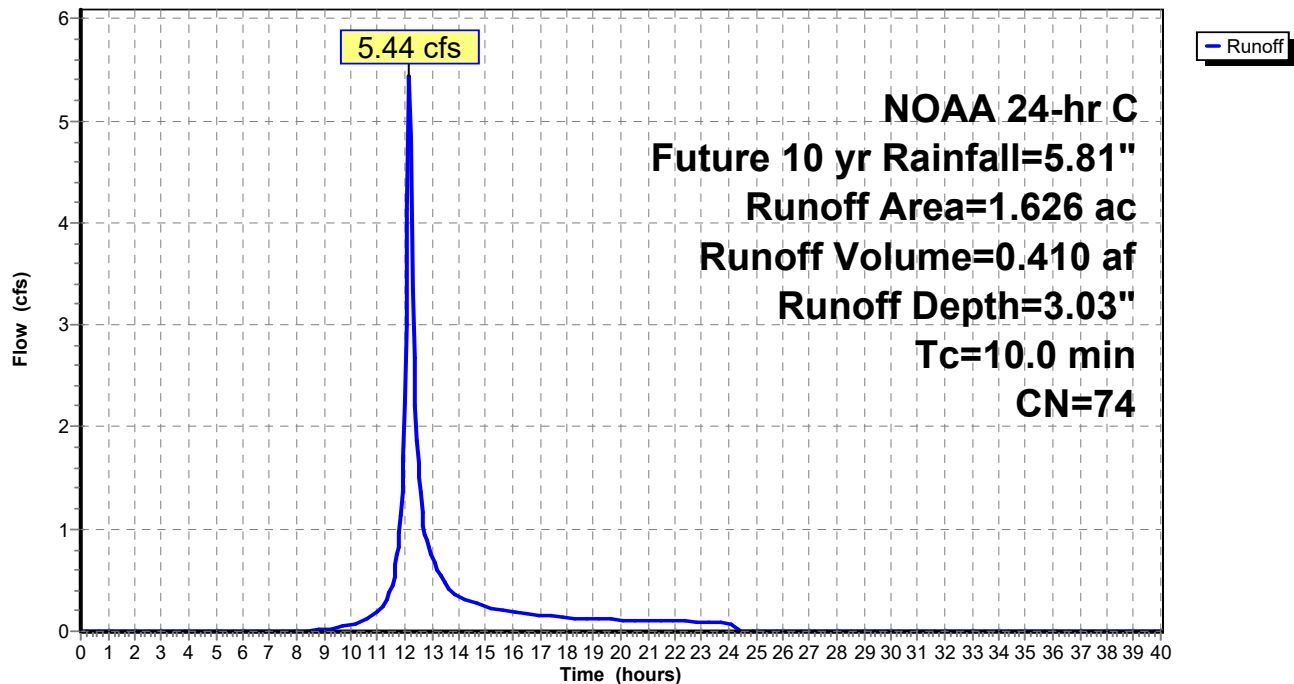
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

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

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.73
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.69
10.50	1.20	0.06	0.10	13.10	4.46	1.94	0.66
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.62
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.59
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.56
10.70	1.27	0.08	0.13	13.30	4.54	2.01	0.54
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.52
10.80	1.31	0.09	0.15	13.40	4.58	2.03	0.50
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.48
10.90	1.35	0.10	0.17	13.50	4.61	2.06	0.46
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.44
11.00	1.39	0.11	0.19	13.60	4.64	2.08	0.42
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.40
11.10	1.45	0.13	0.22	13.70	4.67	2.10	0.38
11.15	1.48	0.14	0.24	13.75	4.68	2.12	0.37
11.20	1.51	0.15	0.27	13.80	4.70	2.13	0.37
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.36
11.30	1.57	0.17	0.31	13.90	4.72	2.15	0.35
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.35
11.40	1.64	0.20	0.37	14.00	4.75	2.17	0.34
11.45	1.68	0.21	0.40	14.05	4.76	2.18	0.34
11.50	1.72	0.23	0.42	14.10	4.78	2.19	0.33
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.33
11.60	1.83	0.28	0.54	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.65	14.25	4.81	2.21	0.32
11.70	1.96	0.33	0.75	14.30	4.82	2.22	0.31
11.75	2.04	0.37	0.83	14.35	4.83	2.23	0.31
11.80	2.13	0.41	0.96	14.40	4.85	2.24	0.30
11.85	2.25	0.47	1.13	14.45	4.86	2.25	0.30
11.90	2.36	0.53	1.37	14.50	4.87	2.26	0.29
11.95	2.57	0.65	1.70	14.55	4.88	2.27	0.28
12.00	2.77	0.77	2.24	14.60	4.89	2.27	0.28
12.05	3.11	0.98	3.00	14.65	4.90	2.28	0.27
12.10	3.45	1.20	4.13	14.70	4.91	2.29	0.27
12.15	3.56	1.28	5.29	14.75	4.92	2.30	0.26
12.20	3.68	1.37	5.33	14.80	4.93	2.31	0.26
12.25	3.77	1.43	4.34	14.85	4.94	2.31	0.25
12.30	3.85	1.49	3.34	14.90	4.94	2.32	0.25
12.35	3.91	1.53	2.68	14.95	4.95	2.33	0.24
12.40	3.98	1.58	2.21	15.00	4.96	2.33	0.24
12.45	4.03	1.62	1.87	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.65	15.10	4.98	2.35	0.22
12.55	4.13	1.69	1.52	15.15	4.99	2.35	0.22
12.60	4.17	1.72	1.35	15.20	4.99	2.36	0.22
12.65	4.20	1.75	1.17	15.25	5.00	2.37	0.21
12.70	4.24	1.77	1.03	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.95	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.89	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.85	15.45	5.03	2.39	0.21
12.90	4.36	1.87	0.81	15.50	5.04	2.40	0.20
12.95	4.39	1.89	0.77	15.55	5.05	2.40	0.20

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.12
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.12
15.80	5.09	2.43	0.20	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.19	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.19	18.50	5.40	2.68	0.12
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.12
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.12
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.19	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.18	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.17	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.16	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.15	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.10	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

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

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 5.00 cfs @ 12.17 hrs, Volume= 0.438 af, Depth= 5.57"
 Routed to Pond B-26 : Basin #26

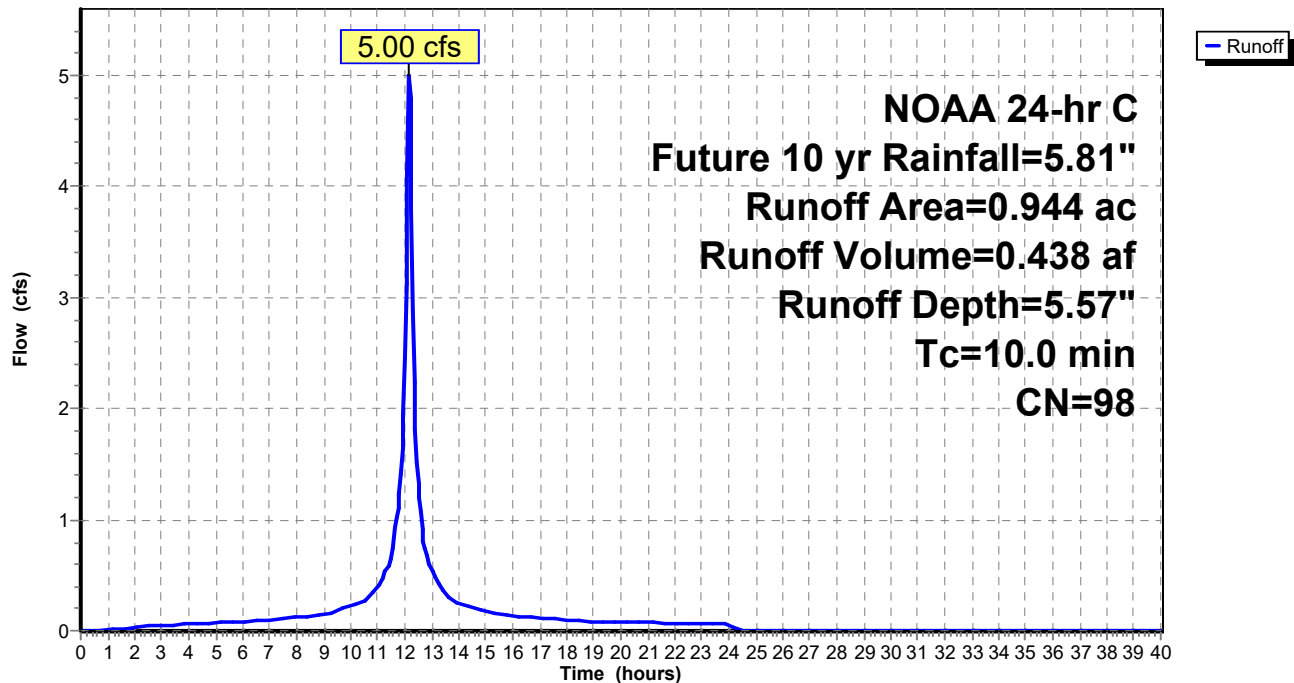
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

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

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.12
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.12
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.12
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.13
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.13
5.60	0.42	0.25	0.08	8.20	0.72	0.53	0.13
5.65	0.43	0.25	0.08	8.25	0.73	0.53	0.13
5.70	0.43	0.26	0.08	8.30	0.74	0.54	0.13
5.75	0.44	0.26	0.08	8.35	0.75	0.55	0.13
5.80	0.44	0.27	0.08	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.08	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.08	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.08	8.55	0.78	0.58	0.14
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.14
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.14
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.14
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.14
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.14
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.09	9.00	0.85	0.64	0.15
6.45	0.51	0.32	0.09	9.05	0.86	0.65	0.15
6.50	0.51	0.33	0.09	9.10	0.87	0.66	0.15
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.16
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.16
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.16
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.17
6.80	0.54	0.36	0.10	9.40	0.92	0.72	0.17
6.85	0.55	0.36	0.10	9.45	0.93	0.73	0.18
6.90	0.56	0.37	0.10	9.50	0.94	0.74	0.18
6.95	0.56	0.37	0.10	9.55	0.95	0.75	0.19
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.19
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.19
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.20
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.20
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.21
7.25	0.60	0.41	0.11	9.85	1.02	0.81	0.21
7.30	0.60	0.41	0.11	9.90	1.03	0.82	0.21
7.35	0.61	0.42	0.11	9.95	1.05	0.84	0.22
7.40	0.62	0.42	0.11	10.00	1.06	0.85	0.22
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.23
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.23
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.23
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.24
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.24
7.70	0.65	0.46	0.12	10.30	1.14	0.93	0.25
7.75	0.66	0.47	0.12	10.35	1.15	0.94	0.25

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.26	13.00	4.42	4.18	0.56
10.45	1.18	0.97	0.26	13.05	4.44	4.20	0.53
10.50	1.20	0.98	0.26	13.10	4.46	4.23	0.50
10.55	1.21	1.00	0.27	13.15	4.48	4.25	0.47
10.60	1.23	1.02	0.28	13.20	4.50	4.27	0.45
10.65	1.25	1.03	0.29	13.25	4.52	4.29	0.43
10.70	1.27	1.05	0.30	13.30	4.54	4.31	0.41
10.75	1.29	1.07	0.32	13.35	4.56	4.33	0.39
10.80	1.31	1.09	0.33	13.40	4.58	4.34	0.38
10.85	1.33	1.11	0.35	13.45	4.60	4.36	0.36
10.90	1.35	1.13	0.37	13.50	4.61	4.38	0.34
10.95	1.37	1.15	0.38	13.55	4.63	4.39	0.33
11.00	1.39	1.18	0.40	13.60	4.64	4.41	0.31
11.05	1.42	1.20	0.41	13.65	4.66	4.42	0.30
11.10	1.45	1.23	0.44	13.70	4.67	4.43	0.29
11.15	1.48	1.26	0.46	13.75	4.68	4.45	0.28
11.20	1.51	1.29	0.49	13.80	4.70	4.46	0.27
11.25	1.54	1.32	0.52	13.85	4.71	4.48	0.27
11.30	1.57	1.35	0.55	13.90	4.72	4.49	0.26
11.35	1.61	1.38	0.58	13.95	4.74	4.50	0.26
11.40	1.64	1.42	0.61	14.00	4.75	4.51	0.25
11.45	1.68	1.46	0.63	14.05	4.76	4.53	0.25
11.50	1.72	1.49	0.66	14.10	4.78	4.54	0.25
11.55	1.78	1.55	0.70	14.15	4.79	4.55	0.24
11.60	1.83	1.61	0.79	14.20	4.80	4.56	0.24
11.65	1.90	1.67	0.92	14.25	4.81	4.57	0.23
11.70	1.96	1.73	1.03	14.30	4.82	4.59	0.23
11.75	2.04	1.82	1.11	14.35	4.83	4.60	0.23
11.80	2.13	1.90	1.23	14.40	4.85	4.61	0.22
11.85	2.25	2.02	1.41	14.45	4.86	4.62	0.22
11.90	2.36	2.13	1.64	14.50	4.87	4.63	0.21
11.95	2.57	2.34	1.95	14.55	4.88	4.64	0.21
12.00	2.77	2.54	2.45	14.60	4.89	4.65	0.20
12.05	3.11	2.88	3.12	14.65	4.90	4.66	0.20
12.10	3.45	3.21	4.05	14.70	4.91	4.67	0.20
12.15	3.56	3.33	4.93	14.75	4.92	4.68	0.19
12.20	3.68	3.45	4.80	14.80	4.93	4.69	0.19
12.25	3.77	3.53	3.80	14.85	4.94	4.70	0.18
12.30	3.85	3.62	2.86	14.90	4.94	4.71	0.18
12.35	3.91	3.68	2.25	14.95	4.95	4.72	0.18
12.40	3.98	3.74	1.82	15.00	4.96	4.72	0.17
12.45	4.03	3.80	1.52	15.05	4.97	4.73	0.17
12.50	4.09	3.86	1.33	15.10	4.98	4.74	0.16
12.55	4.13	3.90	1.21	15.15	4.99	4.75	0.16
12.60	4.17	3.93	1.07	15.20	4.99	4.76	0.16
12.65	4.20	3.97	0.92	15.25	5.00	4.76	0.15
12.70	4.24	4.00	0.80	15.30	5.01	4.77	0.15
12.75	4.27	4.04	0.74	15.35	5.02	4.78	0.15
12.80	4.30	4.07	0.69	15.40	5.03	4.79	0.15
12.85	4.33	4.10	0.65	15.45	5.03	4.80	0.15
12.90	4.36	4.13	0.62	15.50	5.04	4.80	0.15
12.95	4.39	4.15	0.59	15.55	5.05	4.81	0.15

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.15	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.15	18.25	5.37	5.14	0.09
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.09
15.75	5.08	4.84	0.14	18.35	5.38	5.14	0.09
15.80	5.09	4.85	0.14	18.40	5.39	5.15	0.09
15.85	5.09	4.86	0.14	18.45	5.39	5.15	0.09
15.90	5.10	4.86	0.14	18.50	5.40	5.16	0.09
15.95	5.11	4.87	0.14	18.55	5.40	5.16	0.09
16.00	5.11	4.88	0.14	18.60	5.40	5.17	0.09
16.05	5.12	4.88	0.14	18.65	5.41	5.17	0.09
16.10	5.13	4.89	0.14	18.70	5.41	5.18	0.09
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.09
16.20	5.14	4.90	0.13	18.80	5.42	5.19	0.09
16.25	5.15	4.91	0.13	18.85	5.43	5.19	0.09
16.30	5.16	4.92	0.13	18.90	5.43	5.19	0.09
16.35	5.16	4.92	0.13	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.13	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.13	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.13	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.13	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.12	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.12	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.12	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.12	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.12	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.12	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.12	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.11	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.11	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.11	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.11	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.11	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.11	20.05	5.53	5.29	0.08
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.08
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.08
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.08
17.65	5.31	5.08	0.10	20.25	5.55	5.31	0.08
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.08
17.75	5.33	5.09	0.10	20.35	5.55	5.32	0.08
17.80	5.33	5.09	0.10	20.40	5.56	5.32	0.08
17.85	5.34	5.10	0.10	20.45	5.56	5.32	0.08
17.90	5.34	5.10	0.10	20.50	5.57	5.33	0.08
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.08
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.08
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.08
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.08
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.08

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.06
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.07	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.07	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.07	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.07	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.07	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.07	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.07	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.07	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.07	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.07	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.07	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

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

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 4.76 cfs @ 12.18 hrs, Volume= 0.359 af, Depth= 3.03"
 Routed to Pond B-26 : Basin #26

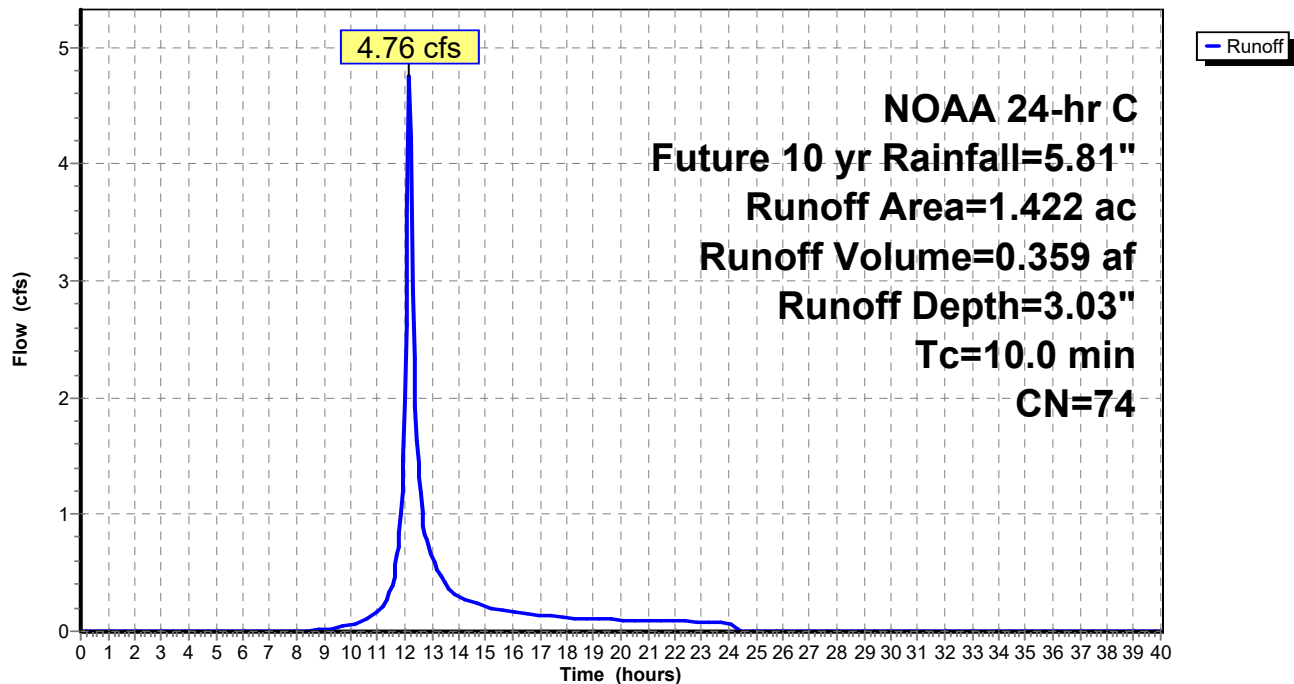
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

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

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.06
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.07
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.64
10.45	1.18	0.06	0.08	13.05	4.44	1.93	0.61
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.57
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.54
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.52
10.65	1.25	0.07	0.10	13.25	4.52	1.99	0.49
10.70	1.27	0.08	0.11	13.30	4.54	2.01	0.47
10.75	1.29	0.08	0.12	13.35	4.56	2.02	0.46
10.80	1.31	0.09	0.13	13.40	4.58	2.03	0.44
10.85	1.33	0.09	0.14	13.45	4.60	2.05	0.42
10.90	1.35	0.10	0.15	13.50	4.61	2.06	0.40
10.95	1.37	0.11	0.16	13.55	4.63	2.07	0.38
11.00	1.39	0.11	0.17	13.60	4.64	2.08	0.36
11.05	1.42	0.12	0.18	13.65	4.66	2.09	0.35
11.10	1.45	0.13	0.20	13.70	4.67	2.10	0.34
11.15	1.48	0.14	0.21	13.75	4.68	2.12	0.33
11.20	1.51	0.15	0.23	13.80	4.70	2.13	0.32
11.25	1.54	0.16	0.25	13.85	4.71	2.14	0.31
11.30	1.57	0.17	0.27	13.90	4.72	2.15	0.31
11.35	1.61	0.18	0.30	13.95	4.74	2.16	0.31
11.40	1.64	0.20	0.32	14.00	4.75	2.17	0.30
11.45	1.68	0.21	0.35	14.05	4.76	2.18	0.30
11.50	1.72	0.23	0.37	14.10	4.78	2.19	0.29
11.55	1.78	0.25	0.40	14.15	4.79	2.20	0.29
11.60	1.83	0.28	0.47	14.20	4.80	2.21	0.28
11.65	1.90	0.30	0.57	14.25	4.81	2.21	0.28
11.70	1.96	0.33	0.65	14.30	4.82	2.22	0.27
11.75	2.04	0.37	0.73	14.35	4.83	2.23	0.27
11.80	2.13	0.41	0.84	14.40	4.85	2.24	0.26
11.85	2.25	0.47	0.99	14.45	4.86	2.25	0.26
11.90	2.36	0.53	1.20	14.50	4.87	2.26	0.25
11.95	2.57	0.65	1.49	14.55	4.88	2.27	0.25
12.00	2.77	0.77	1.96	14.60	4.89	2.27	0.24
12.05	3.11	0.98	2.62	14.65	4.90	2.28	0.24
12.10	3.45	1.20	3.61	14.70	4.91	2.29	0.23
12.15	3.56	1.28	4.62	14.75	4.92	2.30	0.23
12.20	3.68	1.37	4.66	14.80	4.93	2.31	0.22
12.25	3.77	1.43	3.79	14.85	4.94	2.31	0.22
12.30	3.85	1.49	2.92	14.90	4.94	2.32	0.22
12.35	3.91	1.53	2.34	14.95	4.95	2.33	0.21
12.40	3.98	1.58	1.93	15.00	4.96	2.33	0.21
12.45	4.03	1.62	1.63	15.05	4.97	2.34	0.20
12.50	4.09	1.67	1.44	15.10	4.98	2.35	0.20
12.55	4.13	1.69	1.33	15.15	4.99	2.35	0.19
12.60	4.17	1.72	1.18	15.20	4.99	2.36	0.19
12.65	4.20	1.75	1.02	15.25	5.00	2.37	0.19
12.70	4.24	1.77	0.90	15.30	5.01	2.37	0.18
12.75	4.27	1.80	0.83	15.35	5.02	2.38	0.18
12.80	4.30	1.82	0.78	15.40	5.03	2.38	0.18
12.85	4.33	1.85	0.74	15.45	5.03	2.39	0.18
12.90	4.36	1.87	0.71	15.50	5.04	2.40	0.18
12.95	4.39	1.89	0.67	15.55	5.05	2.40	0.18

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.18	18.20	5.37	2.66	0.11
15.65	5.06	2.41	0.18	18.25	5.37	2.67	0.11
15.70	5.07	2.42	0.17	18.30	5.38	2.67	0.11
15.75	5.08	2.43	0.17	18.35	5.38	2.67	0.11
15.80	5.09	2.43	0.17	18.40	5.39	2.68	0.11
15.85	5.09	2.44	0.17	18.45	5.39	2.68	0.11
15.90	5.10	2.44	0.17	18.50	5.40	2.68	0.11
15.95	5.11	2.45	0.17	18.55	5.40	2.69	0.11
16.00	5.11	2.46	0.17	18.60	5.40	2.69	0.11
16.05	5.12	2.46	0.16	18.65	5.41	2.69	0.11
16.10	5.13	2.47	0.16	18.70	5.41	2.70	0.11
16.15	5.13	2.47	0.16	18.75	5.42	2.70	0.11
16.20	5.14	2.48	0.16	18.80	5.42	2.71	0.11
16.25	5.15	2.48	0.16	18.85	5.43	2.71	0.11
16.30	5.16	2.49	0.16	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.16	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.16	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.15	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.15	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.15	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.15	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.15	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.15	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.15	19.35	5.47	2.75	0.10
16.80	5.22	2.54	0.15	19.40	5.48	2.75	0.10
16.85	5.23	2.55	0.14	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.14	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.14	19.55	5.49	2.76	0.10
17.00	5.24	2.56	0.14	19.60	5.49	2.76	0.10
17.05	5.25	2.56	0.14	19.65	5.50	2.77	0.10
17.10	5.25	2.57	0.14	19.70	5.50	2.77	0.10
17.15	5.26	2.57	0.14	19.75	5.50	2.77	0.10
17.20	5.27	2.58	0.14	19.80	5.51	2.78	0.10
17.25	5.27	2.58	0.13	19.85	5.51	2.78	0.10
17.30	5.28	2.59	0.13	19.90	5.52	2.78	0.10
17.35	5.28	2.59	0.13	19.95	5.52	2.79	0.10
17.40	5.29	2.60	0.13	20.00	5.53	2.79	0.10
17.45	5.29	2.60	0.13	20.05	5.53	2.79	0.10
17.50	5.30	2.61	0.13	20.10	5.53	2.80	0.10
17.55	5.30	2.61	0.13	20.15	5.54	2.80	0.10
17.60	5.31	2.61	0.13	20.20	5.54	2.80	0.10
17.65	5.31	2.62	0.12	20.25	5.55	2.81	0.10
17.70	5.32	2.62	0.12	20.30	5.55	2.81	0.10
17.75	5.33	2.63	0.12	20.35	5.55	2.81	0.10
17.80	5.33	2.63	0.12	20.40	5.56	2.82	0.10
17.85	5.34	2.63	0.12	20.45	5.56	2.82	0.10
17.90	5.34	2.64	0.12	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.12	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.11	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.11	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.11	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.11	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.08
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.08
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.08
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.09	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.09	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.09	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.06
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.09	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.09	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.09	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.09	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.09	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.09	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.09	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.09	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.09	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.08	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.08	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.08	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.08	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

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

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 4.76 cfs @ 12.17 hrs, Volume= 0.417 af, Depth= 5.57"
 Routed to Pond B-27 : Basin #27

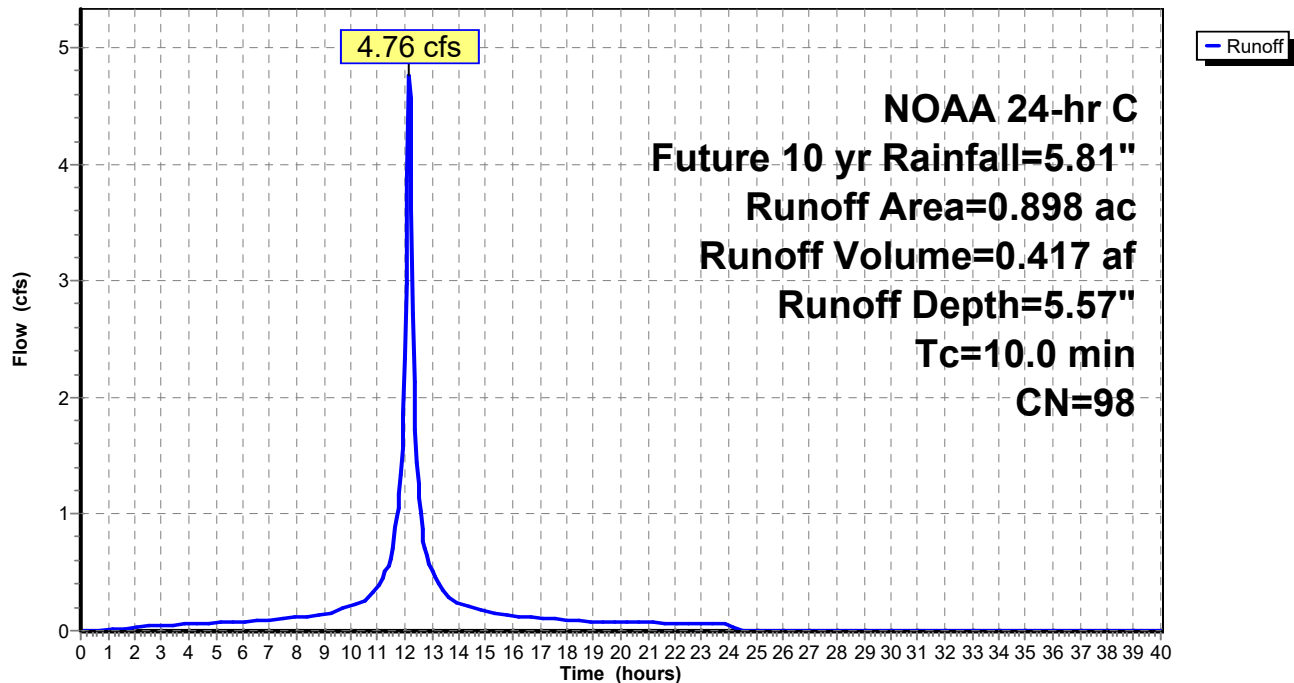
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.15
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.15
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.16
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.16
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.17
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.17
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.18
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.18
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.18
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.19
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.19
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.20
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.20
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.21
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.21
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.22
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.22
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.22
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.23
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.23
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.24
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.24

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.24	13.00	4.42	4.18	0.53
10.45	1.18	0.97	0.25	13.05	4.44	4.20	0.50
10.50	1.20	0.98	0.25	13.10	4.46	4.23	0.48
10.55	1.21	1.00	0.26	13.15	4.48	4.25	0.45
10.60	1.23	1.02	0.26	13.20	4.50	4.27	0.42
10.65	1.25	1.03	0.28	13.25	4.52	4.29	0.41
10.70	1.27	1.05	0.29	13.30	4.54	4.31	0.39
10.75	1.29	1.07	0.30	13.35	4.56	4.33	0.37
10.80	1.31	1.09	0.32	13.40	4.58	4.34	0.36
10.85	1.33	1.11	0.33	13.45	4.60	4.36	0.34
10.90	1.35	1.13	0.35	13.50	4.61	4.38	0.33
10.95	1.37	1.15	0.36	13.55	4.63	4.39	0.31
11.00	1.39	1.18	0.38	13.60	4.64	4.41	0.30
11.05	1.42	1.20	0.39	13.65	4.66	4.42	0.28
11.10	1.45	1.23	0.41	13.70	4.67	4.43	0.27
11.15	1.48	1.26	0.44	13.75	4.68	4.45	0.26
11.20	1.51	1.29	0.46	13.80	4.70	4.46	0.26
11.25	1.54	1.32	0.49	13.85	4.71	4.48	0.25
11.30	1.57	1.35	0.52	13.90	4.72	4.49	0.25
11.35	1.61	1.38	0.55	13.95	4.74	4.50	0.25
11.40	1.64	1.42	0.58	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.60	14.05	4.76	4.53	0.24
11.50	1.72	1.49	0.63	14.10	4.78	4.54	0.23
11.55	1.78	1.55	0.66	14.15	4.79	4.55	0.23
11.60	1.83	1.61	0.75	14.20	4.80	4.56	0.23
11.65	1.90	1.67	0.88	14.25	4.81	4.57	0.22
11.70	1.96	1.73	0.98	14.30	4.82	4.59	0.22
11.75	2.04	1.82	1.06	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.17	14.40	4.85	4.61	0.21
11.85	2.25	2.02	1.34	14.45	4.86	4.62	0.21
11.90	2.36	2.13	1.56	14.50	4.87	4.63	0.20
11.95	2.57	2.34	1.86	14.55	4.88	4.64	0.20
12.00	2.77	2.54	2.33	14.60	4.89	4.65	0.19
12.05	3.11	2.88	2.97	14.65	4.90	4.66	0.19
12.10	3.45	3.21	3.86	14.70	4.91	4.67	0.19
12.15	3.56	3.33	4.69	14.75	4.92	4.68	0.18
12.20	3.68	3.45	4.56	14.80	4.93	4.69	0.18
12.25	3.77	3.53	3.61	14.85	4.94	4.70	0.18
12.30	3.85	3.62	2.72	14.90	4.94	4.71	0.17
12.35	3.91	3.68	2.14	14.95	4.95	4.72	0.17
12.40	3.98	3.74	1.73	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.44	15.05	4.97	4.73	0.16
12.50	4.09	3.86	1.26	15.10	4.98	4.74	0.16
12.55	4.13	3.90	1.15	15.15	4.99	4.75	0.15
12.60	4.17	3.93	1.02	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.87	15.25	5.00	4.76	0.15
12.70	4.24	4.00	0.77	15.30	5.01	4.77	0.15
12.75	4.27	4.04	0.70	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.66	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.62	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.59	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.56	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.14	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.14	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.13	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.13	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.12	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.12	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.11	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.10	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.06
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.05
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

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

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 4.71 cfs @ 12.17 hrs, Volume= 0.365 af, Depth= 4.23"
 Routed to Pond B-27 : Basin #27

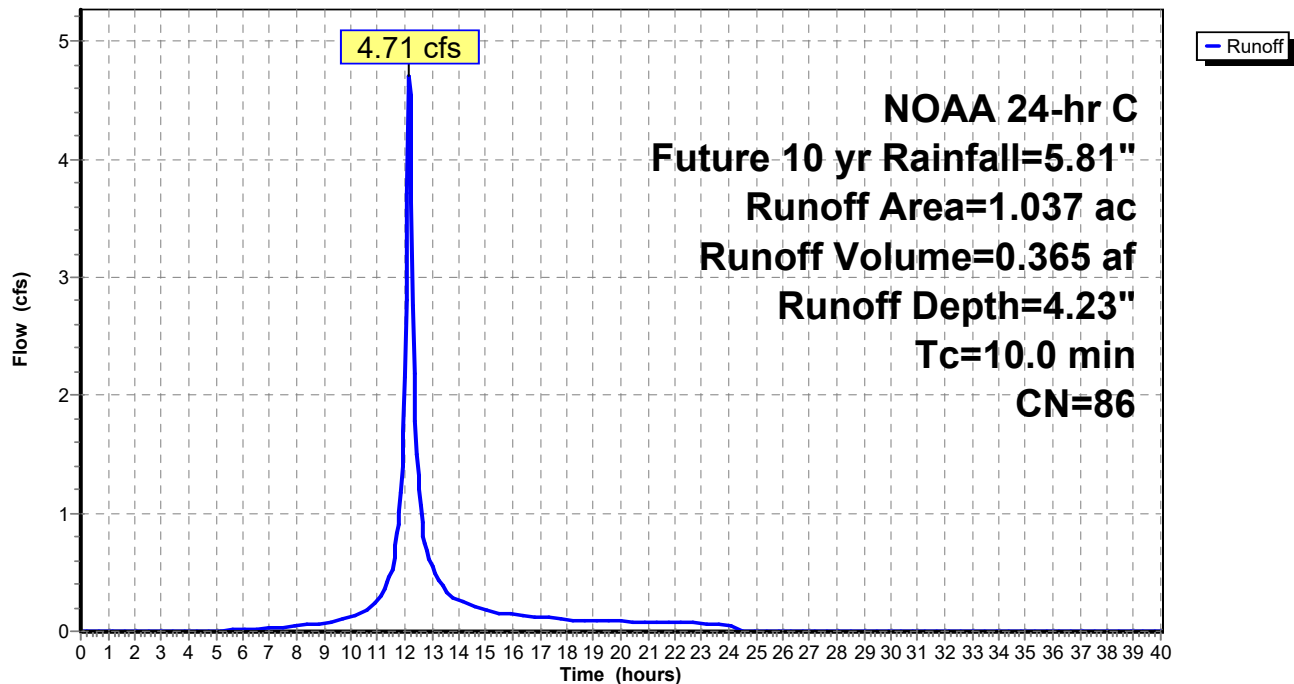
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

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

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.01	7.80	0.67	0.06	0.04
5.25	0.39	0.00	0.01	7.85	0.68	0.06	0.04
5.30	0.40	0.00	0.01	7.90	0.68	0.06	0.04
5.35	0.40	0.00	0.01	7.95	0.69	0.07	0.05
5.40	0.41	0.00	0.01	8.00	0.70	0.07	0.05
5.45	0.41	0.00	0.01	8.05	0.70	0.07	0.05
5.50	0.41	0.00	0.01	8.10	0.71	0.07	0.05
5.55	0.42	0.01	0.01	8.15	0.72	0.08	0.05
5.60	0.42	0.01	0.01	8.20	0.72	0.08	0.05
5.65	0.43	0.01	0.01	8.25	0.73	0.08	0.05
5.70	0.43	0.01	0.01	8.30	0.74	0.08	0.05
5.75	0.44	0.01	0.01	8.35	0.75	0.09	0.05
5.80	0.44	0.01	0.01	8.40	0.75	0.09	0.06
5.85	0.45	0.01	0.01	8.45	0.76	0.09	0.06
5.90	0.45	0.01	0.01	8.50	0.77	0.10	0.06
5.95	0.46	0.01	0.01	8.55	0.78	0.10	0.06
6.00	0.46	0.01	0.01	8.60	0.78	0.10	0.06
6.05	0.47	0.01	0.01	8.65	0.79	0.10	0.06
6.10	0.47	0.01	0.01	8.70	0.80	0.11	0.06
6.15	0.47	0.01	0.01	8.75	0.81	0.11	0.06
6.20	0.48	0.01	0.02	8.80	0.82	0.11	0.06
6.25	0.48	0.01	0.02	8.85	0.82	0.12	0.07
6.30	0.49	0.02	0.02	8.90	0.83	0.12	0.07
6.35	0.50	0.02	0.02	8.95	0.84	0.12	0.07
6.40	0.50	0.02	0.02	9.00	0.85	0.13	0.07
6.45	0.51	0.02	0.02	9.05	0.86	0.13	0.07
6.50	0.51	0.02	0.02	9.10	0.87	0.13	0.07
6.55	0.52	0.02	0.02	9.15	0.87	0.14	0.07
6.60	0.52	0.02	0.02	9.20	0.88	0.14	0.08
6.65	0.53	0.02	0.02	9.25	0.89	0.15	0.08
6.70	0.53	0.02	0.02	9.30	0.90	0.15	0.08
6.75	0.54	0.02	0.02	9.35	0.91	0.16	0.09
6.80	0.54	0.03	0.02	9.40	0.92	0.16	0.09
6.85	0.55	0.03	0.02	9.45	0.93	0.16	0.09
6.90	0.56	0.03	0.03	9.50	0.94	0.17	0.09
6.95	0.56	0.03	0.03	9.55	0.95	0.17	0.10
7.00	0.57	0.03	0.03	9.60	0.96	0.18	0.10
7.05	0.57	0.03	0.03	9.65	0.98	0.19	0.10
7.10	0.58	0.03	0.03	9.70	0.99	0.19	0.11
7.15	0.58	0.04	0.03	9.75	1.00	0.20	0.11
7.20	0.59	0.04	0.03	9.80	1.01	0.20	0.11
7.25	0.60	0.04	0.03	9.85	1.02	0.21	0.12
7.30	0.60	0.04	0.03	9.90	1.03	0.21	0.12
7.35	0.61	0.04	0.03	9.95	1.05	0.22	0.12
7.40	0.62	0.04	0.03	10.00	1.06	0.23	0.13
7.45	0.62	0.05	0.04	10.05	1.07	0.23	0.13
7.50	0.63	0.05	0.04	10.10	1.09	0.24	0.14
7.55	0.64	0.05	0.04	10.15	1.10	0.25	0.14
7.60	0.64	0.05	0.04	10.20	1.11	0.26	0.14
7.65	0.65	0.05	0.04	10.25	1.13	0.26	0.15
7.70	0.65	0.06	0.04	10.30	1.14	0.27	0.15
7.75	0.66	0.06	0.04	10.35	1.15	0.28	0.15

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.29	0.16	13.00	4.42	2.93	0.56
10.45	1.18	0.30	0.16	13.05	4.44	2.95	0.53
10.50	1.20	0.30	0.17	13.10	4.46	2.97	0.50
10.55	1.21	0.31	0.17	13.15	4.48	2.99	0.48
10.60	1.23	0.32	0.18	13.20	4.50	3.01	0.45
10.65	1.25	0.33	0.19	13.25	4.52	3.03	0.43
10.70	1.27	0.34	0.20	13.30	4.54	3.04	0.41
10.75	1.29	0.36	0.21	13.35	4.56	3.06	0.40
10.80	1.31	0.37	0.22	13.40	4.58	3.08	0.38
10.85	1.33	0.38	0.24	13.45	4.60	3.09	0.37
10.90	1.35	0.39	0.25	13.50	4.61	3.11	0.35
10.95	1.37	0.41	0.26	13.55	4.63	3.12	0.33
11.00	1.39	0.42	0.27	13.60	4.64	3.13	0.32
11.05	1.42	0.44	0.29	13.65	4.66	3.15	0.30
11.10	1.45	0.46	0.31	13.70	4.67	3.16	0.29
11.15	1.48	0.48	0.33	13.75	4.68	3.17	0.28
11.20	1.51	0.50	0.35	13.80	4.70	3.19	0.28
11.25	1.54	0.52	0.38	13.85	4.71	3.20	0.27
11.30	1.57	0.54	0.40	13.90	4.72	3.21	0.27
11.35	1.61	0.56	0.43	13.95	4.74	3.22	0.26
11.40	1.64	0.59	0.45	14.00	4.75	3.23	0.26
11.45	1.68	0.61	0.48	14.05	4.76	3.25	0.26
11.50	1.72	0.64	0.51	14.10	4.78	3.26	0.25
11.55	1.78	0.68	0.54	14.15	4.79	3.27	0.25
11.60	1.83	0.73	0.62	14.20	4.80	3.28	0.24
11.65	1.90	0.77	0.73	14.25	4.81	3.29	0.24
11.70	1.96	0.82	0.83	14.30	4.82	3.30	0.23
11.75	2.04	0.88	0.90	14.35	4.83	3.31	0.23
11.80	2.13	0.95	1.02	14.40	4.85	3.32	0.23
11.85	2.25	1.04	1.18	14.45	4.86	3.33	0.22
11.90	2.36	1.13	1.40	14.50	4.87	3.34	0.22
11.95	2.57	1.30	1.69	14.55	4.88	3.35	0.21
12.00	2.77	1.47	2.15	14.60	4.89	3.36	0.21
12.05	3.11	1.76	2.80	14.65	4.90	3.37	0.21
12.10	3.45	2.05	3.72	14.70	4.91	3.38	0.20
12.15	3.56	2.16	4.62	14.75	4.92	3.39	0.20
12.20	3.68	2.26	4.55	14.80	4.93	3.40	0.19
12.25	3.77	2.34	3.64	14.85	4.94	3.41	0.19
12.30	3.85	2.41	2.77	14.90	4.94	3.42	0.18
12.35	3.91	2.47	2.19	14.95	4.95	3.42	0.18
12.40	3.98	2.52	1.79	15.00	4.96	3.43	0.18
12.45	4.03	2.58	1.50	15.05	4.97	3.44	0.17
12.50	4.09	2.63	1.31	15.10	4.98	3.45	0.17
12.55	4.13	2.67	1.20	15.15	4.99	3.45	0.16
12.60	4.17	2.70	1.07	15.20	4.99	3.46	0.16
12.65	4.20	2.73	0.92	15.25	5.00	3.47	0.16
12.70	4.24	2.76	0.81	15.30	5.01	3.48	0.16
12.75	4.27	2.79	0.74	15.35	5.02	3.48	0.16
12.80	4.30	2.82	0.69	15.40	5.03	3.49	0.15
12.85	4.33	2.85	0.66	15.45	5.03	3.50	0.15
12.90	4.36	2.88	0.63	15.50	5.04	3.50	0.15
12.95	4.39	2.90	0.59	15.55	5.05	3.51	0.15

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	3.52	0.15	18.20	5.37	3.81	0.09
15.65	5.06	3.53	0.15	18.25	5.37	3.82	0.09
15.70	5.07	3.53	0.15	18.30	5.38	3.82	0.09
15.75	5.08	3.54	0.15	18.35	5.38	3.83	0.09
15.80	5.09	3.55	0.15	18.40	5.39	3.83	0.09
15.85	5.09	3.55	0.14	18.45	5.39	3.83	0.09
15.90	5.10	3.56	0.14	18.50	5.40	3.84	0.09
15.95	5.11	3.57	0.14	18.55	5.40	3.84	0.09
16.00	5.11	3.57	0.14	18.60	5.40	3.85	0.09
16.05	5.12	3.58	0.14	18.65	5.41	3.85	0.09
16.10	5.13	3.59	0.14	18.70	5.41	3.85	0.09
16.15	5.13	3.59	0.14	18.75	5.42	3.86	0.09
16.20	5.14	3.60	0.14	18.80	5.42	3.86	0.09
16.25	5.15	3.61	0.14	18.85	5.43	3.87	0.09
16.30	5.16	3.61	0.13	18.90	5.43	3.87	0.09
16.35	5.16	3.62	0.13	18.95	5.44	3.88	0.09
16.40	5.17	3.62	0.13	19.00	5.44	3.88	0.09
16.45	5.17	3.63	0.13	19.05	5.44	3.88	0.09
16.50	5.18	3.64	0.13	19.10	5.45	3.89	0.09
16.55	5.19	3.64	0.13	19.15	5.45	3.89	0.09
16.60	5.19	3.65	0.13	19.20	5.46	3.90	0.09
16.65	5.20	3.65	0.13	19.25	5.46	3.90	0.09
16.70	5.21	3.66	0.13	19.30	5.47	3.90	0.09
16.75	5.21	3.67	0.12	19.35	5.47	3.91	0.09
16.80	5.22	3.67	0.12	19.40	5.48	3.91	0.09
16.85	5.23	3.68	0.12	19.45	5.48	3.92	0.09
16.90	5.23	3.68	0.12	19.50	5.48	3.92	0.08
16.95	5.24	3.69	0.12	19.55	5.49	3.92	0.08
17.00	5.24	3.69	0.12	19.60	5.49	3.93	0.08
17.05	5.25	3.70	0.12	19.65	5.50	3.93	0.08
17.10	5.25	3.71	0.12	19.70	5.50	3.94	0.08
17.15	5.26	3.71	0.12	19.75	5.50	3.94	0.08
17.20	5.27	3.72	0.11	19.80	5.51	3.94	0.08
17.25	5.27	3.72	0.11	19.85	5.51	3.95	0.08
17.30	5.28	3.73	0.11	19.90	5.52	3.95	0.08
17.35	5.28	3.73	0.11	19.95	5.52	3.96	0.08
17.40	5.29	3.74	0.11	20.00	5.53	3.96	0.08
17.45	5.29	3.74	0.11	20.05	5.53	3.96	0.08
17.50	5.30	3.75	0.11	20.10	5.53	3.97	0.08
17.55	5.30	3.75	0.11	20.15	5.54	3.97	0.08
17.60	5.31	3.76	0.11	20.20	5.54	3.98	0.08
17.65	5.31	3.76	0.10	20.25	5.55	3.98	0.08
17.70	5.32	3.77	0.10	20.30	5.55	3.98	0.08
17.75	5.33	3.77	0.10	20.35	5.55	3.99	0.08
17.80	5.33	3.78	0.10	20.40	5.56	3.99	0.08
17.85	5.34	3.78	0.10	20.45	5.56	3.99	0.08
17.90	5.34	3.79	0.10	20.50	5.57	4.00	0.08
17.95	5.34	3.79	0.10	20.55	5.57	4.00	0.08
18.00	5.35	3.79	0.10	20.60	5.57	4.01	0.08
18.05	5.35	3.80	0.10	20.65	5.58	4.01	0.08
18.10	5.36	3.80	0.09	20.70	5.58	4.01	0.08
18.15	5.36	3.81	0.09	20.75	5.59	4.02	0.08

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	4.02	0.08	23.40	5.77	4.19	0.06
20.85	5.59	4.02	0.08	23.45	5.78	4.20	0.06
20.90	5.60	4.03	0.08	23.50	5.78	4.20	0.06
20.95	5.60	4.03	0.08	23.55	5.78	4.20	0.06
21.00	5.61	4.04	0.08	23.60	5.78	4.20	0.06
21.05	5.61	4.04	0.08	23.65	5.79	4.21	0.06
21.10	5.61	4.04	0.08	23.70	5.79	4.21	0.06
21.15	5.62	4.05	0.08	23.75	5.79	4.21	0.06
21.20	5.62	4.05	0.08	23.80	5.80	4.22	0.06
21.25	5.62	4.05	0.07	23.85	5.80	4.22	0.06
21.30	5.63	4.06	0.07	23.90	5.80	4.22	0.06
21.35	5.63	4.06	0.07	23.95	5.81	4.23	0.06
21.40	5.64	4.06	0.07	24.00	5.81	4.23	0.06
21.45	5.64	4.07	0.07	24.05	5.81	4.23	0.06
21.50	5.64	4.07	0.07	24.10	5.81	4.23	0.05
21.55	5.65	4.07	0.07	24.15	5.81	4.23	0.03
21.60	5.65	4.08	0.07	24.20	5.81	4.23	0.02
21.65	5.65	4.08	0.07	24.25	5.81	4.23	0.01
21.70	5.66	4.08	0.07	24.30	5.81	4.23	0.00
21.75	5.66	4.09	0.07	24.35	5.81	4.23	0.00
21.80	5.66	4.09	0.07	24.40	5.81	4.23	0.00
21.85	5.67	4.09	0.07	24.45	5.81	4.23	0.00
21.90	5.67	4.10	0.07	24.50	5.81	4.23	0.00
21.95	5.68	4.10	0.07	24.55	5.81	4.23	0.00
22.00	5.68	4.10	0.07	24.60	5.81	4.23	0.00
22.05	5.68	4.11	0.07	24.65	5.81	4.23	0.00
22.10	5.69	4.11	0.07	24.70	5.81	4.23	0.00
22.15	5.69	4.11	0.07	24.75	5.81	4.23	0.00
22.20	5.69	4.12	0.07	24.80	5.81	4.23	0.00
22.25	5.70	4.12	0.07	24.85	5.81	4.23	0.00
22.30	5.70	4.12	0.07	24.90	5.81	4.23	0.00
22.35	5.70	4.13	0.07	24.95	5.81	4.23	0.00
22.40	5.71	4.13	0.07	25.00	5.81	4.23	0.00
22.45	5.71	4.13	0.07	25.05	5.81	4.23	0.00
22.50	5.71	4.14	0.07	25.10	5.81	4.23	0.00
22.55	5.72	4.14	0.07	25.15	5.81	4.23	0.00
22.60	5.72	4.14	0.07	25.20	5.81	4.23	0.00
22.65	5.72	4.15	0.07	25.25	5.81	4.23	0.00
22.70	5.73	4.15	0.07	25.30	5.81	4.23	0.00
22.75	5.73	4.15	0.07	25.35	5.81	4.23	0.00
22.80	5.73	4.16	0.07	25.40	5.81	4.23	0.00
22.85	5.74	4.16	0.07	25.45	5.81	4.23	0.00
22.90	5.74	4.16	0.07	25.50	5.81	4.23	0.00
22.95	5.74	4.17	0.07	25.55	5.81	4.23	0.00
23.00	5.75	4.17	0.07	25.60	5.81	4.23	0.00
23.05	5.75	4.17	0.07	25.65	5.81	4.23	0.00
23.10	5.75	4.18	0.06	25.70	5.81	4.23	0.00
23.15	5.76	4.18	0.06	25.75	5.81	4.23	0.00
23.20	5.76	4.18	0.06	25.80	5.81	4.23	0.00
23.25	5.76	4.18	0.06	25.85	5.81	4.23	0.00
23.30	5.77	4.19	0.06	25.90	5.81	4.23	0.00
23.35	5.77	4.19	0.06	25.95	5.81	4.23	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	4.23	0.00	28.60	5.81	4.23	0.00
26.05	5.81	4.23	0.00	28.65	5.81	4.23	0.00
26.10	5.81	4.23	0.00	28.70	5.81	4.23	0.00
26.15	5.81	4.23	0.00	28.75	5.81	4.23	0.00
26.20	5.81	4.23	0.00	28.80	5.81	4.23	0.00
26.25	5.81	4.23	0.00	28.85	5.81	4.23	0.00
26.30	5.81	4.23	0.00	28.90	5.81	4.23	0.00
26.35	5.81	4.23	0.00	28.95	5.81	4.23	0.00
26.40	5.81	4.23	0.00	29.00	5.81	4.23	0.00
26.45	5.81	4.23	0.00	29.05	5.81	4.23	0.00
26.50	5.81	4.23	0.00	29.10	5.81	4.23	0.00
26.55	5.81	4.23	0.00	29.15	5.81	4.23	0.00
26.60	5.81	4.23	0.00	29.20	5.81	4.23	0.00
26.65	5.81	4.23	0.00	29.25	5.81	4.23	0.00
26.70	5.81	4.23	0.00	29.30	5.81	4.23	0.00
26.75	5.81	4.23	0.00	29.35	5.81	4.23	0.00
26.80	5.81	4.23	0.00	29.40	5.81	4.23	0.00
26.85	5.81	4.23	0.00	29.45	5.81	4.23	0.00
26.90	5.81	4.23	0.00	29.50	5.81	4.23	0.00
26.95	5.81	4.23	0.00	29.55	5.81	4.23	0.00
27.00	5.81	4.23	0.00	29.60	5.81	4.23	0.00
27.05	5.81	4.23	0.00	29.65	5.81	4.23	0.00
27.10	5.81	4.23	0.00	29.70	5.81	4.23	0.00
27.15	5.81	4.23	0.00	29.75	5.81	4.23	0.00
27.20	5.81	4.23	0.00	29.80	5.81	4.23	0.00
27.25	5.81	4.23	0.00	29.85	5.81	4.23	0.00
27.30	5.81	4.23	0.00	29.90	5.81	4.23	0.00
27.35	5.81	4.23	0.00	29.95	5.81	4.23	0.00
27.40	5.81	4.23	0.00	30.00	5.81	4.23	0.00
27.45	5.81	4.23	0.00	30.05	5.81	4.23	0.00
27.50	5.81	4.23	0.00	30.10	5.81	4.23	0.00
27.55	5.81	4.23	0.00	30.15	5.81	4.23	0.00
27.60	5.81	4.23	0.00	30.20	5.81	4.23	0.00
27.65	5.81	4.23	0.00	30.25	5.81	4.23	0.00
27.70	5.81	4.23	0.00	30.30	5.81	4.23	0.00
27.75	5.81	4.23	0.00	30.35	5.81	4.23	0.00
27.80	5.81	4.23	0.00	30.40	5.81	4.23	0.00
27.85	5.81	4.23	0.00	30.45	5.81	4.23	0.00
27.90	5.81	4.23	0.00	30.50	5.81	4.23	0.00
27.95	5.81	4.23	0.00	30.55	5.81	4.23	0.00
28.00	5.81	4.23	0.00	30.60	5.81	4.23	0.00
28.05	5.81	4.23	0.00	30.65	5.81	4.23	0.00
28.10	5.81	4.23	0.00	30.70	5.81	4.23	0.00
28.15	5.81	4.23	0.00	30.75	5.81	4.23	0.00
28.20	5.81	4.23	0.00	30.80	5.81	4.23	0.00
28.25	5.81	4.23	0.00	30.85	5.81	4.23	0.00
28.30	5.81	4.23	0.00	30.90	5.81	4.23	0.00
28.35	5.81	4.23	0.00	30.95	5.81	4.23	0.00
28.40	5.81	4.23	0.00	31.00	5.81	4.23	0.00
28.45	5.81	4.23	0.00	31.05	5.81	4.23	0.00
28.50	5.81	4.23	0.00	31.10	5.81	4.23	0.00
28.55	5.81	4.23	0.00	31.15	5.81	4.23	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	4.23	0.00	33.80	5.81	4.23	0.00
31.25	5.81	4.23	0.00	33.85	5.81	4.23	0.00
31.30	5.81	4.23	0.00	33.90	5.81	4.23	0.00
31.35	5.81	4.23	0.00	33.95	5.81	4.23	0.00
31.40	5.81	4.23	0.00	34.00	5.81	4.23	0.00
31.45	5.81	4.23	0.00	34.05	5.81	4.23	0.00
31.50	5.81	4.23	0.00	34.10	5.81	4.23	0.00
31.55	5.81	4.23	0.00	34.15	5.81	4.23	0.00
31.60	5.81	4.23	0.00	34.20	5.81	4.23	0.00
31.65	5.81	4.23	0.00	34.25	5.81	4.23	0.00
31.70	5.81	4.23	0.00	34.30	5.81	4.23	0.00
31.75	5.81	4.23	0.00	34.35	5.81	4.23	0.00
31.80	5.81	4.23	0.00	34.40	5.81	4.23	0.00
31.85	5.81	4.23	0.00	34.45	5.81	4.23	0.00
31.90	5.81	4.23	0.00	34.50	5.81	4.23	0.00
31.95	5.81	4.23	0.00	34.55	5.81	4.23	0.00
32.00	5.81	4.23	0.00	34.60	5.81	4.23	0.00
32.05	5.81	4.23	0.00	34.65	5.81	4.23	0.00
32.10	5.81	4.23	0.00	34.70	5.81	4.23	0.00
32.15	5.81	4.23	0.00	34.75	5.81	4.23	0.00
32.20	5.81	4.23	0.00	34.80	5.81	4.23	0.00
32.25	5.81	4.23	0.00	34.85	5.81	4.23	0.00
32.30	5.81	4.23	0.00	34.90	5.81	4.23	0.00
32.35	5.81	4.23	0.00	34.95	5.81	4.23	0.00
32.40	5.81	4.23	0.00	35.00	5.81	4.23	0.00
32.45	5.81	4.23	0.00	35.05	5.81	4.23	0.00
32.50	5.81	4.23	0.00	35.10	5.81	4.23	0.00
32.55	5.81	4.23	0.00	35.15	5.81	4.23	0.00
32.60	5.81	4.23	0.00	35.20	5.81	4.23	0.00
32.65	5.81	4.23	0.00	35.25	5.81	4.23	0.00
32.70	5.81	4.23	0.00	35.30	5.81	4.23	0.00
32.75	5.81	4.23	0.00	35.35	5.81	4.23	0.00
32.80	5.81	4.23	0.00	35.40	5.81	4.23	0.00
32.85	5.81	4.23	0.00	35.45	5.81	4.23	0.00
32.90	5.81	4.23	0.00	35.50	5.81	4.23	0.00
32.95	5.81	4.23	0.00	35.55	5.81	4.23	0.00
33.00	5.81	4.23	0.00	35.60	5.81	4.23	0.00
33.05	5.81	4.23	0.00	35.65	5.81	4.23	0.00
33.10	5.81	4.23	0.00	35.70	5.81	4.23	0.00
33.15	5.81	4.23	0.00	35.75	5.81	4.23	0.00
33.20	5.81	4.23	0.00	35.80	5.81	4.23	0.00
33.25	5.81	4.23	0.00	35.85	5.81	4.23	0.00
33.30	5.81	4.23	0.00	35.90	5.81	4.23	0.00
33.35	5.81	4.23	0.00	35.95	5.81	4.23	0.00
33.40	5.81	4.23	0.00	36.00	5.81	4.23	0.00
33.45	5.81	4.23	0.00	36.05	5.81	4.23	0.00
33.50	5.81	4.23	0.00	36.10	5.81	4.23	0.00
33.55	5.81	4.23	0.00	36.15	5.81	4.23	0.00
33.60	5.81	4.23	0.00	36.20	5.81	4.23	0.00
33.65	5.81	4.23	0.00	36.25	5.81	4.23	0.00
33.70	5.81	4.23	0.00	36.30	5.81	4.23	0.00
33.75	5.81	4.23	0.00	36.35	5.81	4.23	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	4.23	0.00	39.00	5.81	4.23	0.00
36.45	5.81	4.23	0.00	39.05	5.81	4.23	0.00
36.50	5.81	4.23	0.00	39.10	5.81	4.23	0.00
36.55	5.81	4.23	0.00	39.15	5.81	4.23	0.00
36.60	5.81	4.23	0.00	39.20	5.81	4.23	0.00
36.65	5.81	4.23	0.00	39.25	5.81	4.23	0.00
36.70	5.81	4.23	0.00	39.30	5.81	4.23	0.00
36.75	5.81	4.23	0.00	39.35	5.81	4.23	0.00
36.80	5.81	4.23	0.00	39.40	5.81	4.23	0.00
36.85	5.81	4.23	0.00	39.45	5.81	4.23	0.00
36.90	5.81	4.23	0.00	39.50	5.81	4.23	0.00
36.95	5.81	4.23	0.00	39.55	5.81	4.23	0.00
37.00	5.81	4.23	0.00	39.60	5.81	4.23	0.00
37.05	5.81	4.23	0.00	39.65	5.81	4.23	0.00
37.10	5.81	4.23	0.00	39.70	5.81	4.23	0.00
37.15	5.81	4.23	0.00	39.75	5.81	4.23	0.00
37.20	5.81	4.23	0.00	39.80	5.81	4.23	0.00
37.25	5.81	4.23	0.00	39.85	5.81	4.23	0.00
37.30	5.81	4.23	0.00	39.90	5.81	4.23	0.00
37.35	5.81	4.23	0.00	39.95	5.81	4.23	0.00
37.40	5.81	4.23	0.00	40.00	5.81	4.23	0.00
37.45	5.81	4.23	0.00				
37.50	5.81	4.23	0.00				
37.55	5.81	4.23	0.00				
37.60	5.81	4.23	0.00				
37.65	5.81	4.23	0.00				
37.70	5.81	4.23	0.00				
37.75	5.81	4.23	0.00				
37.80	5.81	4.23	0.00				
37.85	5.81	4.23	0.00				
37.90	5.81	4.23	0.00				
37.95	5.81	4.23	0.00				
38.00	5.81	4.23	0.00				
38.05	5.81	4.23	0.00				
38.10	5.81	4.23	0.00				
38.15	5.81	4.23	0.00				
38.20	5.81	4.23	0.00				
38.25	5.81	4.23	0.00				
38.30	5.81	4.23	0.00				
38.35	5.81	4.23	0.00				
38.40	5.81	4.23	0.00				
38.45	5.81	4.23	0.00				
38.50	5.81	4.23	0.00				
38.55	5.81	4.23	0.00				
38.60	5.81	4.23	0.00				
38.65	5.81	4.23	0.00				
38.70	5.81	4.23	0.00				
38.75	5.81	4.23	0.00				
38.80	5.81	4.23	0.00				
38.85	5.81	4.23	0.00				
38.90	5.81	4.23	0.00				
38.95	5.81	4.23	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 4.31 cfs @ 12.17 hrs, Volume= 0.378 af, Depth= 5.57"
 Routed to Pond B-28 : Basin #28

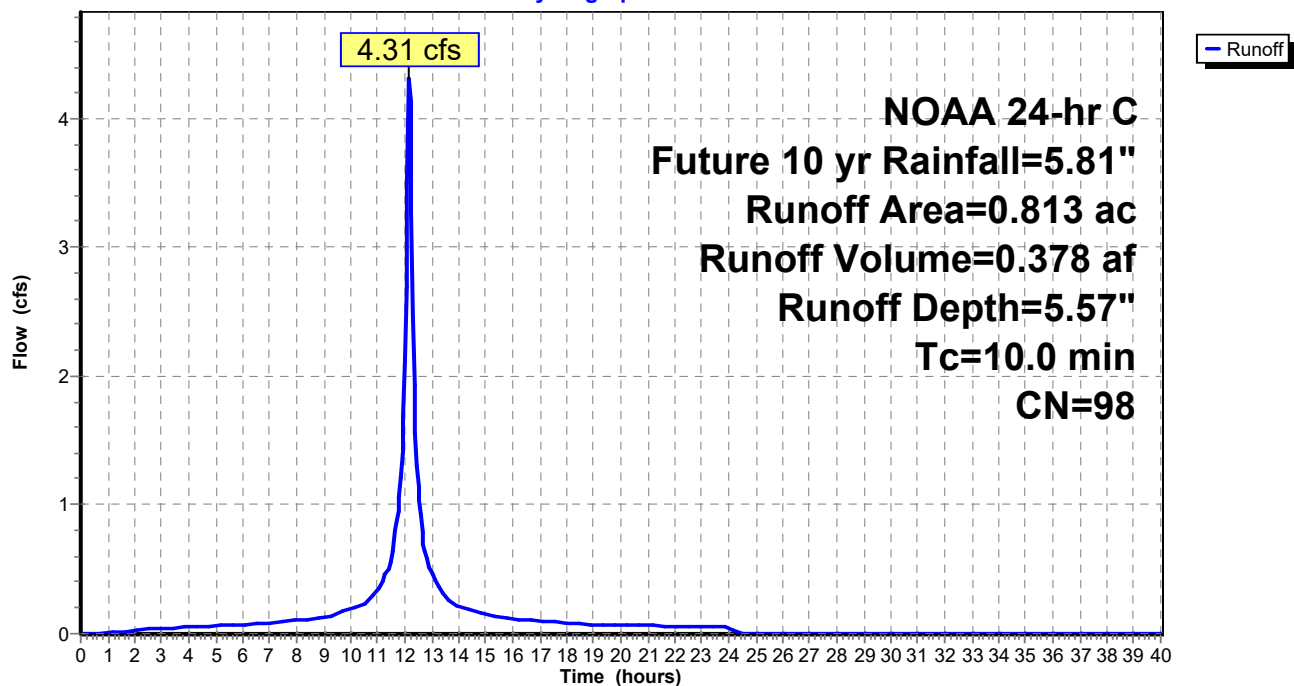
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.10
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.11
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.11
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.11
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.11
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.11
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.11
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.11
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.11
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.12
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.12
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.12
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.12
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.12
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.12
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.12
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.12
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.12
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.13
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.13
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.13
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.08	9.25	0.89	0.69	0.14
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.15
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.15
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.16
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.16
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.17
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.17
7.15	0.58	0.40	0.09	9.75	1.00	0.79	0.17
7.20	0.59	0.40	0.09	9.80	1.01	0.80	0.18
7.25	0.60	0.41	0.09	9.85	1.02	0.81	0.18
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.18
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.19
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.19
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.20
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.20
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.20
7.60	0.64	0.45	0.10	10.20	1.11	0.90	0.21
7.65	0.65	0.45	0.10	10.25	1.13	0.91	0.21
7.70	0.65	0.46	0.10	10.30	1.14	0.93	0.21
7.75	0.66	0.47	0.10	10.35	1.15	0.94	0.22

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.22	13.00	4.42	4.18	0.48
10.45	1.18	0.97	0.22	13.05	4.44	4.20	0.46
10.50	1.20	0.98	0.23	13.10	4.46	4.23	0.43
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.41
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.38
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.37
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.35
10.75	1.29	1.07	0.28	13.35	4.56	4.33	0.34
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.32
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.31
10.90	1.35	1.13	0.32	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.33	13.55	4.63	4.39	0.28
11.00	1.39	1.18	0.34	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.36	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.25
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.24
11.20	1.51	1.29	0.42	13.80	4.70	4.46	0.23
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.23
11.30	1.57	1.35	0.47	13.90	4.72	4.49	0.23
11.35	1.61	1.38	0.50	13.95	4.74	4.50	0.22
11.40	1.64	1.42	0.52	14.00	4.75	4.51	0.22
11.45	1.68	1.46	0.55	14.05	4.76	4.53	0.22
11.50	1.72	1.49	0.57	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.60	14.15	4.79	4.55	0.21
11.60	1.83	1.61	0.68	14.20	4.80	4.56	0.20
11.65	1.90	1.67	0.80	14.25	4.81	4.57	0.20
11.70	1.96	1.73	0.89	14.30	4.82	4.59	0.20
11.75	2.04	1.82	0.96	14.35	4.83	4.60	0.19
11.80	2.13	1.90	1.06	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.21	14.45	4.86	4.62	0.19
11.90	2.36	2.13	1.42	14.50	4.87	4.63	0.18
11.95	2.57	2.34	1.68	14.55	4.88	4.64	0.18
12.00	2.77	2.54	2.11	14.60	4.89	4.65	0.18
12.05	3.11	2.88	2.69	14.65	4.90	4.66	0.17
12.10	3.45	3.21	3.49	14.70	4.91	4.67	0.17
12.15	3.56	3.33	4.25	14.75	4.92	4.68	0.17
12.20	3.68	3.45	4.13	14.80	4.93	4.69	0.16
12.25	3.77	3.53	3.27	14.85	4.94	4.70	0.16
12.30	3.85	3.62	2.47	14.90	4.94	4.71	0.16
12.35	3.91	3.68	1.93	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.57	15.00	4.96	4.72	0.15
12.45	4.03	3.80	1.31	15.05	4.97	4.73	0.14
12.50	4.09	3.86	1.14	15.10	4.98	4.74	0.14
12.55	4.13	3.90	1.04	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.92	15.20	4.99	4.76	0.13
12.65	4.20	3.97	0.79	15.25	5.00	4.76	0.13
12.70	4.24	4.00	0.69	15.30	5.01	4.77	0.13
12.75	4.27	4.04	0.64	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.60	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.56	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.53	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.51	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.12	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.12	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.12	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.12	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.11	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.11	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.11	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.10	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.10	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.09	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.09	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.08	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.04
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.03
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.01
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

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

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 5.08 cfs @ 12.18 hrs, Volume= 0.383 af, Depth= 3.03"
 Routed to Pond B-28 : Basin #28

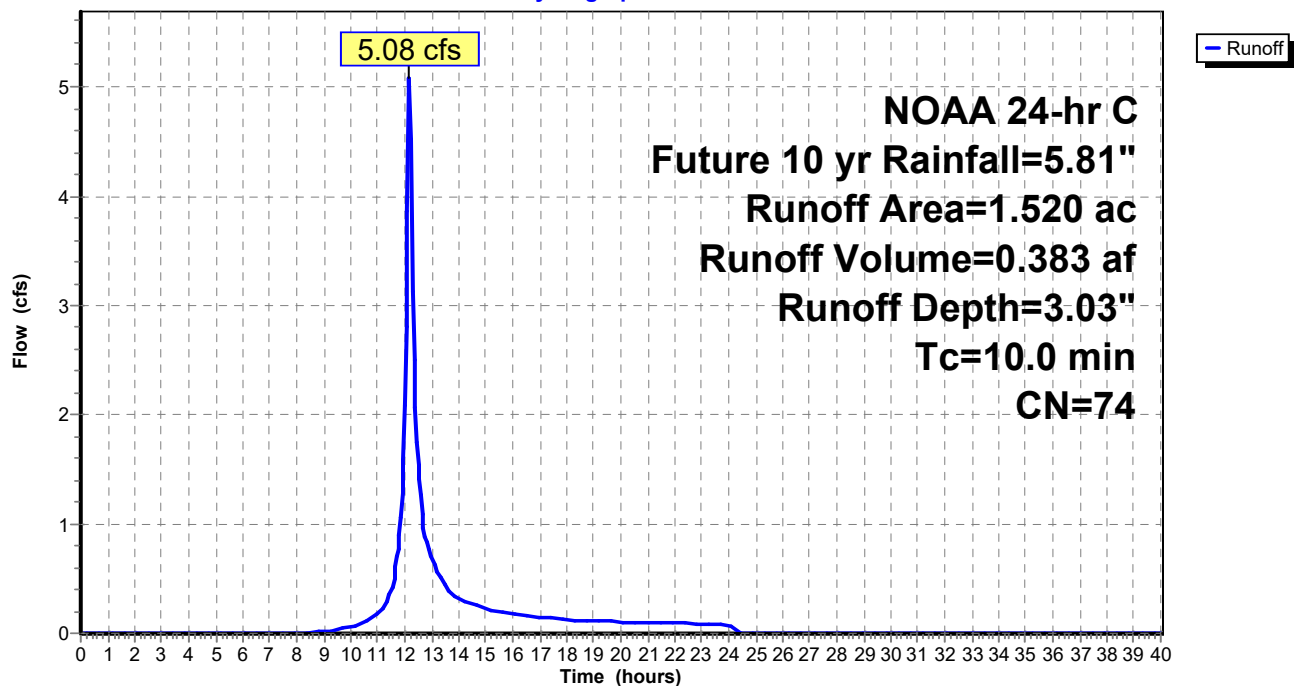
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.68
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.65
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.61
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.58
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.55
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.53
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.51
10.75	1.29	0.08	0.13	13.35	4.56	2.02	0.49
10.80	1.31	0.09	0.14	13.40	4.58	2.03	0.47
10.85	1.33	0.09	0.15	13.45	4.60	2.05	0.45
10.90	1.35	0.10	0.16	13.50	4.61	2.06	0.43
10.95	1.37	0.11	0.17	13.55	4.63	2.07	0.41
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.39
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.37
11.10	1.45	0.13	0.21	13.70	4.67	2.10	0.36
11.15	1.48	0.14	0.23	13.75	4.68	2.12	0.35
11.20	1.51	0.15	0.25	13.80	4.70	2.13	0.34
11.25	1.54	0.16	0.27	13.85	4.71	2.14	0.34
11.30	1.57	0.17	0.29	13.90	4.72	2.15	0.33
11.35	1.61	0.18	0.32	13.95	4.74	2.16	0.33
11.40	1.64	0.20	0.34	14.00	4.75	2.17	0.32
11.45	1.68	0.21	0.37	14.05	4.76	2.18	0.32
11.50	1.72	0.23	0.40	14.10	4.78	2.19	0.31
11.55	1.78	0.25	0.43	14.15	4.79	2.20	0.31
11.60	1.83	0.28	0.50	14.20	4.80	2.21	0.30
11.65	1.90	0.30	0.61	14.25	4.81	2.21	0.30
11.70	1.96	0.33	0.70	14.30	4.82	2.22	0.29
11.75	2.04	0.37	0.78	14.35	4.83	2.23	0.29
11.80	2.13	0.41	0.89	14.40	4.85	2.24	0.28
11.85	2.25	0.47	1.06	14.45	4.86	2.25	0.28
11.90	2.36	0.53	1.28	14.50	4.87	2.26	0.27
11.95	2.57	0.65	1.59	14.55	4.88	2.27	0.27
12.00	2.77	0.77	2.09	14.60	4.89	2.27	0.26
12.05	3.11	0.98	2.81	14.65	4.90	2.28	0.26
12.10	3.45	1.20	3.86	14.70	4.91	2.29	0.25
12.15	3.56	1.28	4.94	14.75	4.92	2.30	0.25
12.20	3.68	1.37	4.98	14.80	4.93	2.31	0.24
12.25	3.77	1.43	4.05	14.85	4.94	2.31	0.24
12.30	3.85	1.49	3.13	14.90	4.94	2.32	0.23
12.35	3.91	1.53	2.50	14.95	4.95	2.33	0.23
12.40	3.98	1.58	2.06	15.00	4.96	2.33	0.22
12.45	4.03	1.62	1.75	15.05	4.97	2.34	0.21
12.50	4.09	1.67	1.54	15.10	4.98	2.35	0.21
12.55	4.13	1.69	1.42	15.15	4.99	2.35	0.20
12.60	4.17	1.72	1.27	15.20	4.99	2.36	0.20
12.65	4.20	1.75	1.09	15.25	5.00	2.37	0.20
12.70	4.24	1.77	0.96	15.30	5.01	2.37	0.20
12.75	4.27	1.80	0.89	15.35	5.02	2.38	0.19
12.80	4.30	1.82	0.83	15.40	5.03	2.38	0.19
12.85	4.33	1.85	0.79	15.45	5.03	2.39	0.19
12.90	4.36	1.87	0.75	15.50	5.04	2.40	0.19
12.95	4.39	1.89	0.72	15.55	5.05	2.40	0.19

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.19	18.20	5.37	2.66	0.12
15.65	5.06	2.41	0.19	18.25	5.37	2.67	0.12
15.70	5.07	2.42	0.19	18.30	5.38	2.67	0.12
15.75	5.08	2.43	0.18	18.35	5.38	2.67	0.12
15.80	5.09	2.43	0.18	18.40	5.39	2.68	0.12
15.85	5.09	2.44	0.18	18.45	5.39	2.68	0.12
15.90	5.10	2.44	0.18	18.50	5.40	2.68	0.11
15.95	5.11	2.45	0.18	18.55	5.40	2.69	0.11
16.00	5.11	2.46	0.18	18.60	5.40	2.69	0.11
16.05	5.12	2.46	0.18	18.65	5.41	2.69	0.11
16.10	5.13	2.47	0.17	18.70	5.41	2.70	0.11
16.15	5.13	2.47	0.17	18.75	5.42	2.70	0.11
16.20	5.14	2.48	0.17	18.80	5.42	2.71	0.11
16.25	5.15	2.48	0.17	18.85	5.43	2.71	0.11
16.30	5.16	2.49	0.17	18.90	5.43	2.71	0.11
16.35	5.16	2.49	0.17	18.95	5.44	2.72	0.11
16.40	5.17	2.50	0.17	19.00	5.44	2.72	0.11
16.45	5.17	2.50	0.17	19.05	5.44	2.72	0.11
16.50	5.18	2.51	0.16	19.10	5.45	2.73	0.11
16.55	5.19	2.52	0.16	19.15	5.45	2.73	0.11
16.60	5.19	2.52	0.16	19.20	5.46	2.73	0.11
16.65	5.20	2.53	0.16	19.25	5.46	2.74	0.11
16.70	5.21	2.53	0.16	19.30	5.47	2.74	0.11
16.75	5.21	2.54	0.16	19.35	5.47	2.75	0.11
16.80	5.22	2.54	0.16	19.40	5.48	2.75	0.11
16.85	5.23	2.55	0.15	19.45	5.48	2.75	0.11
16.90	5.23	2.55	0.15	19.50	5.48	2.76	0.11
16.95	5.24	2.55	0.15	19.55	5.49	2.76	0.11
17.00	5.24	2.56	0.15	19.60	5.49	2.76	0.11
17.05	5.25	2.56	0.15	19.65	5.50	2.77	0.11
17.10	5.25	2.57	0.15	19.70	5.50	2.77	0.11
17.15	5.26	2.57	0.15	19.75	5.50	2.77	0.11
17.20	5.27	2.58	0.15	19.80	5.51	2.78	0.11
17.25	5.27	2.58	0.14	19.85	5.51	2.78	0.11
17.30	5.28	2.59	0.14	19.90	5.52	2.78	0.11
17.35	5.28	2.59	0.14	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.14	20.00	5.53	2.79	0.10
17.45	5.29	2.60	0.14	20.05	5.53	2.79	0.10
17.50	5.30	2.61	0.14	20.10	5.53	2.80	0.10
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.10
17.60	5.31	2.61	0.13	20.20	5.54	2.80	0.10
17.65	5.31	2.62	0.13	20.25	5.55	2.81	0.10
17.70	5.32	2.62	0.13	20.30	5.55	2.81	0.10
17.75	5.33	2.63	0.13	20.35	5.55	2.81	0.10
17.80	5.33	2.63	0.13	20.40	5.56	2.82	0.10
17.85	5.34	2.63	0.13	20.45	5.56	2.82	0.10
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.10
17.95	5.34	2.64	0.12	20.55	5.57	2.83	0.10
18.00	5.35	2.65	0.12	20.60	5.57	2.83	0.10
18.05	5.35	2.65	0.12	20.65	5.58	2.83	0.10
18.10	5.36	2.65	0.12	20.70	5.58	2.84	0.10
18.15	5.36	2.66	0.12	20.75	5.59	2.84	0.10

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.10	23.40	5.77	2.99	0.08
20.85	5.59	2.85	0.10	23.45	5.78	3.00	0.08
20.90	5.60	2.85	0.10	23.50	5.78	3.00	0.08
20.95	5.60	2.85	0.10	23.55	5.78	3.00	0.08
21.00	5.61	2.86	0.10	23.60	5.78	3.00	0.08
21.05	5.61	2.86	0.10	23.65	5.79	3.01	0.08
21.10	5.61	2.86	0.10	23.70	5.79	3.01	0.08
21.15	5.62	2.87	0.10	23.75	5.79	3.01	0.08
21.20	5.62	2.87	0.10	23.80	5.80	3.01	0.08
21.25	5.62	2.87	0.10	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.10	23.90	5.80	3.02	0.08
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.09	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.09	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.09	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.09	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.09	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.09	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.09	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.09	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.09	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.09	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.09	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.09	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.09	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.09	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.09	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.09	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.09	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.09	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.09	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.09	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.09	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.08	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.08	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.08	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.08	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

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

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 31.45 cfs @ 12.18 hrs, Volume= 2.371 af, Depth= 3.03"

Routed to Link PDA-2 : Proposed Drainage Area #2

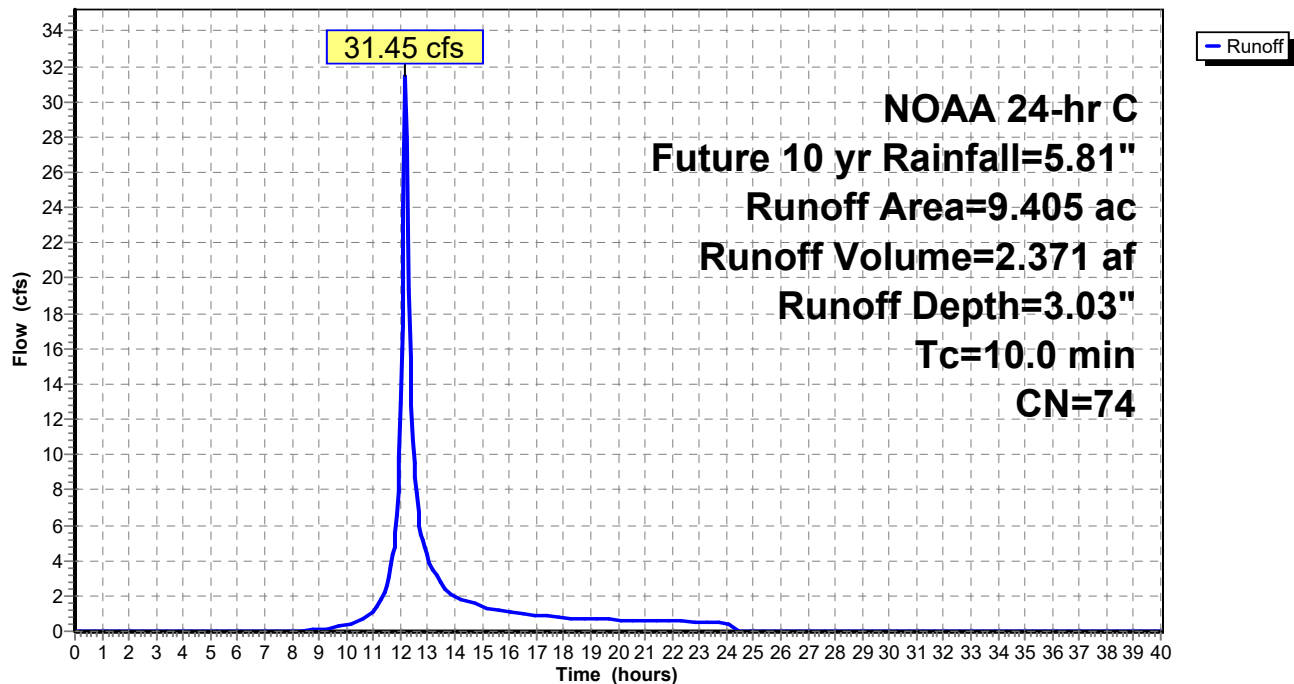
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.01
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.01
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.02
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.02
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.03
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.03
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.04
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.05
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.05
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.06
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.07
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.07
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.08
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.09
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.09
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.10
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.11
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.12
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.12
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.13
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.14
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.16
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.17
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.18
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.19
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.20
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.22
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.23
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.25
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.26
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.28
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.29
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.31
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.33
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.35
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.36
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.38
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.40
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.42
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.44
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.46
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.49
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.51

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.53	13.00	4.42	1.91	4.23
10.45	1.18	0.06	0.55	13.05	4.44	1.93	4.01
10.50	1.20	0.06	0.58	13.10	4.46	1.94	3.80
10.55	1.21	0.06	0.60	13.15	4.48	1.96	3.59
10.60	1.23	0.07	0.64	13.20	4.50	1.98	3.41
10.65	1.25	0.07	0.69	13.25	4.52	1.99	3.26
10.70	1.27	0.08	0.74	13.30	4.54	2.01	3.13
10.75	1.29	0.08	0.79	13.35	4.56	2.02	3.01
10.80	1.31	0.09	0.85	13.40	4.58	2.03	2.89
10.85	1.33	0.09	0.92	13.45	4.60	2.05	2.77
10.90	1.35	0.10	0.98	13.50	4.61	2.06	2.65
10.95	1.37	0.11	1.05	13.55	4.63	2.07	2.53
11.00	1.39	0.11	1.13	13.60	4.64	2.08	2.41
11.05	1.42	0.12	1.20	13.65	4.66	2.09	2.30
11.10	1.45	0.13	1.30	13.70	4.67	2.10	2.22
11.15	1.48	0.14	1.41	13.75	4.68	2.12	2.16
11.20	1.51	0.15	1.54	13.80	4.70	2.13	2.12
11.25	1.54	0.16	1.67	13.85	4.71	2.14	2.08
11.30	1.57	0.17	1.82	13.90	4.72	2.15	2.05
11.35	1.61	0.18	1.97	13.95	4.74	2.16	2.02
11.40	1.64	0.20	2.13	14.00	4.75	2.17	1.99
11.45	1.68	0.21	2.29	14.05	4.76	2.18	1.96
11.50	1.72	0.23	2.45	14.10	4.78	2.19	1.92
11.55	1.78	0.25	2.66	14.15	4.79	2.20	1.89
11.60	1.83	0.28	3.11	14.20	4.80	2.21	1.86
11.65	1.90	0.30	3.75	14.25	4.81	2.21	1.83
11.70	1.96	0.33	4.32	14.30	4.82	2.22	1.80
11.75	2.04	0.37	4.81	14.35	4.83	2.23	1.77
11.80	2.13	0.41	5.53	14.40	4.85	2.24	1.74
11.85	2.25	0.47	6.54	14.45	4.86	2.25	1.71
11.90	2.36	0.53	7.94	14.50	4.87	2.26	1.68
11.95	2.57	0.65	9.85	14.55	4.88	2.27	1.65
12.00	2.77	0.77	12.95	14.60	4.89	2.27	1.62
12.05	3.11	0.98	17.36	14.65	4.90	2.28	1.58
12.10	3.45	1.20	23.88	14.70	4.91	2.29	1.55
12.15	3.56	1.28	30.58	14.75	4.92	2.30	1.52
12.20	3.68	1.37	30.82	14.80	4.93	2.31	1.49
12.25	3.77	1.43	25.08	14.85	4.94	2.31	1.46
12.30	3.85	1.49	19.34	14.90	4.94	2.32	1.43
12.35	3.91	1.53	15.49	14.95	4.95	2.33	1.39
12.40	3.98	1.58	12.77	15.00	4.96	2.33	1.36
12.45	4.03	1.62	10.81	15.05	4.97	2.34	1.33
12.50	4.09	1.67	9.55	15.10	4.98	2.35	1.30
12.55	4.13	1.69	8.77	15.15	4.99	2.35	1.27
12.60	4.17	1.72	7.83	15.20	4.99	2.36	1.24
12.65	4.20	1.75	6.75	15.25	5.00	2.37	1.23
12.70	4.24	1.77	5.96	15.30	5.01	2.37	1.22
12.75	4.27	1.80	5.49	15.35	5.02	2.38	1.21
12.80	4.30	1.82	5.16	15.40	5.03	2.38	1.20
12.85	4.33	1.85	4.91	15.45	5.03	2.39	1.19
12.90	4.36	1.87	4.67	15.50	5.04	2.40	1.18
12.95	4.39	1.89	4.45	15.55	5.05	2.40	1.17

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	1.17	18.20	5.37	2.66	0.73
15.65	5.06	2.41	1.16	18.25	5.37	2.67	0.72
15.70	5.07	2.42	1.15	18.30	5.38	2.67	0.72
15.75	5.08	2.43	1.14	18.35	5.38	2.67	0.72
15.80	5.09	2.43	1.13	18.40	5.39	2.68	0.71
15.85	5.09	2.44	1.12	18.45	5.39	2.68	0.71
15.90	5.10	2.44	1.12	18.50	5.40	2.68	0.71
15.95	5.11	2.45	1.11	18.55	5.40	2.69	0.71
16.00	5.11	2.46	1.10	18.60	5.40	2.69	0.71
16.05	5.12	2.46	1.09	18.65	5.41	2.69	0.70
16.10	5.13	2.47	1.08	18.70	5.41	2.70	0.70
16.15	5.13	2.47	1.07	18.75	5.42	2.70	0.70
16.20	5.14	2.48	1.07	18.80	5.42	2.71	0.70
16.25	5.15	2.48	1.06	18.85	5.43	2.71	0.70
16.30	5.16	2.49	1.05	18.90	5.43	2.71	0.69
16.35	5.16	2.49	1.04	18.95	5.44	2.72	0.69
16.40	5.17	2.50	1.03	19.00	5.44	2.72	0.69
16.45	5.17	2.50	1.02	19.05	5.44	2.72	0.69
16.50	5.18	2.51	1.02	19.10	5.45	2.73	0.69
16.55	5.19	2.52	1.01	19.15	5.45	2.73	0.68
16.60	5.19	2.52	1.00	19.20	5.46	2.73	0.68
16.65	5.20	2.53	0.99	19.25	5.46	2.74	0.68
16.70	5.21	2.53	0.98	19.30	5.47	2.74	0.68
16.75	5.21	2.54	0.97	19.35	5.47	2.75	0.68
16.80	5.22	2.54	0.97	19.40	5.48	2.75	0.67
16.85	5.23	2.55	0.96	19.45	5.48	2.75	0.67
16.90	5.23	2.55	0.95	19.50	5.48	2.76	0.67
16.95	5.24	2.55	0.94	19.55	5.49	2.76	0.67
17.00	5.24	2.56	0.93	19.60	5.49	2.76	0.66
17.05	5.25	2.56	0.92	19.65	5.50	2.77	0.66
17.10	5.25	2.57	0.91	19.70	5.50	2.77	0.66
17.15	5.26	2.57	0.91	19.75	5.50	2.77	0.66
17.20	5.27	2.58	0.90	19.80	5.51	2.78	0.66
17.25	5.27	2.58	0.89	19.85	5.51	2.78	0.66
17.30	5.28	2.59	0.88	19.90	5.52	2.78	0.65
17.35	5.28	2.59	0.87	19.95	5.52	2.79	0.65
17.40	5.29	2.60	0.86	20.00	5.53	2.79	0.65
17.45	5.29	2.60	0.85	20.05	5.53	2.79	0.65
17.50	5.30	2.61	0.85	20.10	5.53	2.80	0.64
17.55	5.30	2.61	0.84	20.15	5.54	2.80	0.64
17.60	5.31	2.61	0.83	20.20	5.54	2.80	0.64
17.65	5.31	2.62	0.82	20.25	5.55	2.81	0.64
17.70	5.32	2.62	0.81	20.30	5.55	2.81	0.64
17.75	5.33	2.63	0.80	20.35	5.55	2.81	0.63
17.80	5.33	2.63	0.79	20.40	5.56	2.82	0.63
17.85	5.34	2.63	0.79	20.45	5.56	2.82	0.63
17.90	5.34	2.64	0.78	20.50	5.57	2.82	0.63
17.95	5.34	2.64	0.77	20.55	5.57	2.83	0.62
18.00	5.35	2.65	0.76	20.60	5.57	2.83	0.62
18.05	5.35	2.65	0.75	20.65	5.58	2.83	0.62
18.10	5.36	2.65	0.74	20.70	5.58	2.84	0.62
18.15	5.36	2.66	0.73	20.75	5.59	2.84	0.62

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.61	23.40	5.77	2.99	0.50
20.85	5.59	2.85	0.61	23.45	5.78	3.00	0.50
20.90	5.60	2.85	0.61	23.50	5.78	3.00	0.50
20.95	5.60	2.85	0.61	23.55	5.78	3.00	0.49
21.00	5.61	2.86	0.60	23.60	5.78	3.00	0.49
21.05	5.61	2.86	0.60	23.65	5.79	3.01	0.49
21.10	5.61	2.86	0.60	23.70	5.79	3.01	0.49
21.15	5.62	2.87	0.60	23.75	5.79	3.01	0.49
21.20	5.62	2.87	0.60	23.80	5.80	3.01	0.48
21.25	5.62	2.87	0.59	23.85	5.80	3.02	0.48
21.30	5.63	2.87	0.59	23.90	5.80	3.02	0.48
21.35	5.63	2.88	0.59	23.95	5.81	3.02	0.48
21.40	5.64	2.88	0.59	24.00	5.81	3.03	0.50
21.45	5.64	2.88	0.59	24.05	5.81	3.03	0.52
21.50	5.64	2.89	0.58	24.10	5.81	3.03	0.43
21.55	5.65	2.89	0.58	24.15	5.81	3.03	0.25
21.60	5.65	2.89	0.58	24.20	5.81	3.03	0.12
21.65	5.65	2.90	0.58	24.25	5.81	3.03	0.06
21.70	5.66	2.90	0.57	24.30	5.81	3.03	0.03
21.75	5.66	2.90	0.57	24.35	5.81	3.03	0.01
21.80	5.66	2.90	0.57	24.40	5.81	3.03	0.01
21.85	5.67	2.91	0.57	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.57	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.57	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.56	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.56	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.56	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.56	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.55	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.55	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.55	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.55	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.54	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.54	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.54	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.54	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.54	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.54	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.53	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.53	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.53	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.52	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.52	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.52	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.52	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.52	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.52	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.51	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.51	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.51	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.50	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.50	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

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

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 3.84" for Future 10 yr event
 Inflow = 5.60 cfs @ 12.17 hrs, Volume= 0.451 af
 Outflow = 3.80 cfs @ 12.28 hrs, Volume= 0.405 af, Atten= 32%, Lag= 6.7 min
 Primary = 3.80 cfs @ 12.28 hrs, Volume= 0.405 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.77' @ 12.28 hrs Surf.Area= 3,093 sf Storage= 7,687 cf

Plug-Flow detention time= 257.9 min calculated for 0.405 af (90% of inflow)
 Center-of-Mass det. time= 206.8 min (1,003.7 - 796.9)

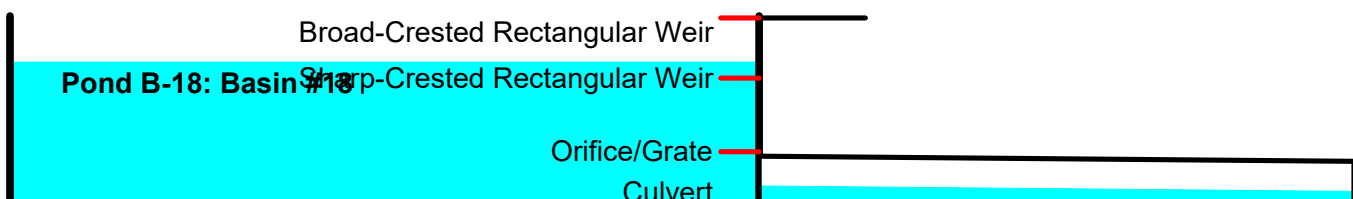
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

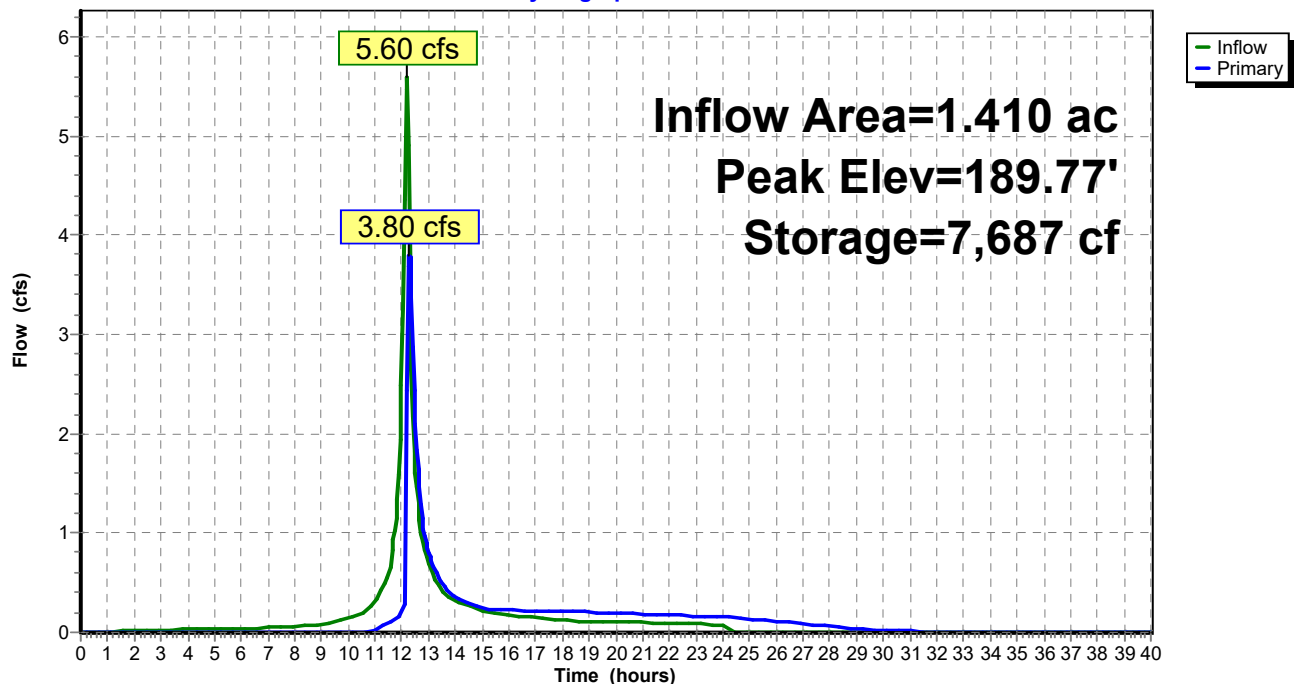
Primary OutFlow Max=3.74 cfs @ 12.28 hrs HW=189.76' (Free Discharge)

1=Culvert (Passes 3.74 cfs of 10.46 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.25 cfs @ 7.28 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.50 cfs @ 2.12 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	1	186.00	0.00
1.10	0.00	3	186.00	0.00
1.20	0.01	5	186.00	0.00
1.30	0.01	7	186.01	0.00
1.40	0.01	10	186.01	0.00
1.50	0.01	14	186.01	0.00
1.60	0.01	18	186.02	0.00
1.70	0.01	22	186.02	0.00
1.80	0.01	26	186.02	0.00
1.90	0.01	31	186.03	0.00
2.00	0.02	37	186.03	0.00
2.10	0.02	42	186.04	0.00
2.20	0.02	48	186.04	0.00
2.30	0.02	55	186.05	0.00
2.40	0.02	61	186.05	0.00
2.50	0.02	68	186.06	0.00
2.60	0.02	75	186.07	0.00
2.70	0.02	83	186.07	0.00
2.80	0.02	90	186.08	0.00
2.90	0.02	98	186.09	0.00
3.00	0.02	107	186.09	0.00
3.10	0.02	115	186.10	0.00
3.20	0.02	124	186.11	0.00
3.30	0.02	132	186.12	0.00
3.40	0.03	141	186.12	0.00
3.50	0.03	151	186.13	0.00
3.60	0.03	160	186.14	0.00
3.70	0.03	170	186.15	0.00
3.80	0.03	180	186.16	0.00
3.90	0.03	190	186.16	0.00
4.00	0.03	200	186.17	0.00
4.10	0.03	211	186.18	0.00
4.20	0.03	221	186.19	0.00
4.30	0.03	232	186.20	0.00
4.40	0.03	243	186.21	0.00
4.50	0.03	254	186.22	0.00
4.60	0.03	266	186.23	0.00
4.70	0.03	277	186.24	0.00
4.80	0.03	289	186.25	0.00
4.90	0.03	301	186.26	0.00
5.00	0.03	313	186.27	0.00
5.10	0.03	325	186.27	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	337	186.28	0.00
5.30	0.03	349	186.29	0.00
5.40	0.04	362	186.30	0.00
5.50	0.04	375	186.31	0.00
5.60	0.04	387	186.33	0.00
5.70	0.04	400	186.34	0.00
5.80	0.04	414	186.35	0.00
5.90	0.04	427	186.36	0.00
6.00	0.04	440	186.37	0.00
6.10	0.04	454	186.38	0.00
6.20	0.04	468	186.39	0.00
6.30	0.04	482	186.40	0.00
6.40	0.04	496	186.41	0.00
6.50	0.04	511	186.42	0.00
6.60	0.04	527	186.43	0.00
6.70	0.04	542	186.45	0.00
6.80	0.05	559	186.46	0.00
6.90	0.05	575	186.47	0.00
7.00	0.05	592	186.48	0.00
7.10	0.05	609	186.50	0.00
7.20	0.05	627	186.51	0.00
7.30	0.05	645	186.52	0.00
7.40	0.05	664	186.54	0.00
7.50	0.05	683	186.55	0.00
7.60	0.05	702	186.56	0.00
7.70	0.06	722	186.58	0.00
7.80	0.06	742	186.59	0.00
7.90	0.06	762	186.61	0.00
8.00	0.06	783	186.62	0.00
8.10	0.06	805	186.64	0.00
8.20	0.06	826	186.65	0.00
8.30	0.06	849	186.67	0.00
8.40	0.07	872	186.69	0.00
8.50	0.07	896	186.70	0.00
8.60	0.07	920	186.72	0.00
8.70	0.07	946	186.74	0.00
8.80	0.07	973	186.76	0.00
8.90	0.08	1,000	186.77	0.00
9.00	0.08	1,028	186.79	0.00
9.10	0.08	1,058	186.81	0.00
9.20	0.09	1,088	186.83	0.00
9.30	0.09	1,121	186.86	0.00
9.40	0.10	1,156	186.88	0.00
9.50	0.11	1,194	186.90	0.00
9.60	0.11	1,234	186.93	0.00
9.70	0.12	1,276	186.96	0.00
9.80	0.13	1,321	186.99	0.00
9.90	0.14	1,368	187.02	0.00
10.00	0.14	1,418	187.05	0.00
10.10	0.15	1,471	187.08	0.00
10.20	0.16	1,527	187.12	0.00
10.30	0.17	1,586	187.15	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	1,648	187.19	0.00
10.50	0.18	1,713	187.23	0.00
10.60	0.20	1,782	187.27	0.00
10.70	0.22	1,857	187.31	0.00
10.80	0.25	1,941	187.36	0.00
10.90	0.27	2,034	187.42	0.00
11.00	0.30	2,135	187.47	0.02
11.10	0.34	2,240	187.53	0.04
11.20	0.39	2,355	187.59	0.06
11.30	0.45	2,482	187.66	0.07
11.40	0.51	2,626	187.73	0.08
11.50	0.57	2,786	187.82	0.10
11.60	0.70	2,972	187.91	0.11
11.70	0.93	3,225	188.03	0.12
11.80	1.15	3,549	188.19	0.14
11.90	1.59	3,985	188.38	0.16
12.00	2.49	4,641	188.66	0.18
12.10	4.37	5,775	189.10	0.21
12.20	5.43	7,327	189.65	2.44
12.30	3.34	7,681	189.76	3.78
12.40	2.17	7,449	189.69	2.88
12.50	1.61	7,229	189.61	2.10
12.60	1.31	7,087	189.57	1.64
12.70	0.99	6,970	189.53	1.30
12.80	0.86	6,881	189.50	1.05
12.90	0.77	6,824	189.48	0.91
13.00	0.70	6,782	189.46	0.80
13.10	0.63	6,747	189.45	0.72
13.20	0.56	6,714	189.44	0.65
13.30	0.51	6,685	189.43	0.59
13.40	0.47	6,659	189.42	0.54
13.50	0.43	6,637	189.41	0.50
13.60	0.40	6,615	189.41	0.45
13.70	0.36	6,595	189.40	0.42
13.80	0.35	6,577	189.39	0.39
13.90	0.33	6,562	189.39	0.37
14.00	0.32	6,549	189.38	0.36
14.10	0.31	6,538	189.38	0.34
14.20	0.30	6,528	189.38	0.33
14.30	0.29	6,519	189.37	0.32
14.40	0.28	6,510	189.37	0.31
14.50	0.27	6,502	189.37	0.30
14.60	0.26	6,493	189.36	0.29
14.70	0.25	6,485	189.36	0.28
14.80	0.24	6,477	189.36	0.26
14.90	0.23	6,468	189.35	0.25
15.00	0.22	6,460	189.35	0.24
15.10	0.21	6,452	189.35	0.24
15.20	0.20	6,442	189.35	0.23
15.30	0.20	6,431	189.34	0.23
15.40	0.19	6,421	189.34	0.22
15.50	0.19	6,409	189.33	0.22

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	6,397	189.33	0.22
15.70	0.19	6,384	189.32	0.22
15.80	0.18	6,370	189.32	0.22
15.90	0.18	6,355	189.31	0.22
16.00	0.18	6,340	189.31	0.22
16.10	0.17	6,323	189.30	0.22
16.20	0.17	6,306	189.30	0.22
16.30	0.17	6,288	189.29	0.22
16.40	0.17	6,269	189.28	0.22
16.50	0.16	6,249	189.28	0.22
16.60	0.16	6,228	189.27	0.22
16.70	0.16	6,206	189.26	0.22
16.80	0.16	6,184	189.25	0.22
16.90	0.15	6,161	189.24	0.22
17.00	0.15	6,137	189.24	0.22
17.10	0.15	6,112	189.23	0.22
17.20	0.14	6,086	189.22	0.22
17.30	0.14	6,060	189.21	0.22
17.40	0.14	6,033	189.20	0.22
17.50	0.14	6,005	189.19	0.21
17.60	0.13	5,976	189.18	0.21
17.70	0.13	5,946	189.17	0.21
17.80	0.13	5,916	189.16	0.21
17.90	0.12	5,885	189.14	0.21
18.00	0.12	5,853	189.13	0.21
18.10	0.12	5,821	189.12	0.21
18.20	0.12	5,788	189.11	0.21
18.30	0.12	5,754	189.10	0.21
18.40	0.11	5,720	189.08	0.21
18.50	0.11	5,687	189.07	0.21
18.60	0.11	5,653	189.06	0.21
18.70	0.11	5,620	189.05	0.21
18.80	0.11	5,586	189.03	0.20
18.90	0.11	5,553	189.02	0.20
19.00	0.11	5,520	189.01	0.20
19.10	0.11	5,486	188.99	0.20
19.20	0.11	5,453	188.98	0.20
19.30	0.11	5,420	188.97	0.20
19.40	0.11	5,387	188.96	0.20
19.50	0.11	5,354	188.94	0.20
19.60	0.11	5,321	188.93	0.20
19.70	0.11	5,288	188.92	0.20
19.80	0.11	5,255	188.91	0.20
19.90	0.10	5,222	188.89	0.20
20.00	0.10	5,190	188.88	0.19
20.10	0.10	5,157	188.87	0.19
20.20	0.10	5,124	188.85	0.19
20.30	0.10	5,092	188.84	0.19
20.40	0.10	5,059	188.83	0.19
20.50	0.10	5,027	188.82	0.19
20.60	0.10	4,995	188.80	0.19
20.70	0.10	4,963	188.79	0.19

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	4,931	188.78	0.19
20.90	0.10	4,899	188.76	0.19
21.00	0.10	4,867	188.75	0.19
21.10	0.10	4,835	188.74	0.18
21.20	0.10	4,803	188.73	0.18
21.30	0.09	4,771	188.71	0.18
21.40	0.09	4,740	188.70	0.18
21.50	0.09	4,708	188.69	0.18
21.60	0.09	4,677	188.67	0.18
21.70	0.09	4,645	188.66	0.18
21.80	0.09	4,614	188.65	0.18
21.90	0.09	4,583	188.64	0.18
22.00	0.09	4,552	188.62	0.18
22.10	0.09	4,521	188.61	0.17
22.20	0.09	4,490	188.60	0.17
22.30	0.09	4,459	188.58	0.17
22.40	0.09	4,429	188.57	0.17
22.50	0.09	4,398	188.56	0.17
22.60	0.09	4,368	188.55	0.17
22.70	0.09	4,338	188.53	0.17
22.80	0.08	4,307	188.52	0.17
22.90	0.08	4,277	188.51	0.17
23.00	0.08	4,247	188.50	0.17
23.10	0.08	4,218	188.48	0.16
23.20	0.08	4,188	188.47	0.16
23.30	0.08	4,158	188.46	0.16
23.40	0.08	4,129	188.44	0.16
23.50	0.08	4,099	188.43	0.16
23.60	0.08	4,070	188.42	0.16
23.70	0.08	4,041	188.41	0.16
23.80	0.08	4,012	188.39	0.16
23.90	0.08	3,983	188.38	0.16
24.00	0.08	3,955	188.37	0.16
24.10	0.07	3,928	188.36	0.15
24.20	0.02	3,887	188.34	0.15
24.30	0.00	3,837	188.32	0.15
24.40	0.00	3,784	188.29	0.15
24.50	0.00	3,731	188.27	0.15
24.60	0.00	3,678	188.24	0.14
24.70	0.00	3,627	188.22	0.14
24.80	0.00	3,576	188.20	0.14
24.90	0.00	3,526	188.18	0.14
25.00	0.00	3,477	188.15	0.14
25.10	0.00	3,429	188.13	0.13
25.20	0.00	3,382	188.11	0.13
25.30	0.00	3,335	188.09	0.13
25.40	0.00	3,289	188.06	0.13
25.50	0.00	3,244	188.04	0.12
25.60	0.00	3,200	188.02	0.12
25.70	0.00	3,157	188.00	0.12
25.80	0.00	3,115	187.98	0.12
25.90	0.00	3,073	187.96	0.11

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,032	187.94	0.11
26.10	0.00	2,992	187.92	0.11
26.20	0.00	2,953	187.90	0.11
26.30	0.00	2,915	187.88	0.10
26.40	0.00	2,878	187.86	0.10
26.50	0.00	2,842	187.84	0.10
26.60	0.00	2,806	187.83	0.10
26.70	0.00	2,771	187.81	0.09
26.80	0.00	2,738	187.79	0.09
26.90	0.00	2,705	187.78	0.09
27.00	0.00	2,673	187.76	0.09
27.10	0.00	2,642	187.74	0.09
27.20	0.00	2,612	187.73	0.08
27.30	0.00	2,582	187.71	0.08
27.40	0.00	2,554	187.70	0.08
27.50	0.00	2,527	187.68	0.07
27.60	0.00	2,500	187.67	0.07
27.70	0.00	2,475	187.66	0.07
27.80	0.00	2,450	187.64	0.07
27.90	0.00	2,426	187.63	0.06
28.00	0.00	2,403	187.62	0.06
28.10	0.00	2,381	187.61	0.06
28.20	0.00	2,360	187.59	0.06
28.30	0.00	2,341	187.58	0.05
28.40	0.00	2,322	187.57	0.05
28.50	0.00	2,303	187.56	0.05
28.60	0.00	2,286	187.55	0.05
28.70	0.00	2,270	187.55	0.04
28.80	0.00	2,255	187.54	0.04
28.90	0.00	2,241	187.53	0.04
29.00	0.00	2,227	187.52	0.04
29.10	0.00	2,215	187.52	0.03
29.20	0.00	2,204	187.51	0.03
29.30	0.00	2,193	187.50	0.03
29.40	0.00	2,183	187.50	0.03
29.50	0.00	2,173	187.49	0.03
29.60	0.00	2,165	187.49	0.02
29.70	0.00	2,156	187.48	0.02
29.80	0.00	2,149	187.48	0.02
29.90	0.00	2,141	187.48	0.02
30.00	0.00	2,135	187.47	0.02
30.10	0.00	2,128	187.47	0.02
30.20	0.00	2,122	187.46	0.02
30.30	0.00	2,116	187.46	0.02
30.40	0.00	2,111	187.46	0.01
30.50	0.00	2,106	187.46	0.01
30.60	0.00	2,101	187.45	0.01
30.70	0.00	2,097	187.45	0.01
30.80	0.00	2,093	187.45	0.01
30.90	0.00	2,089	187.45	0.01
31.00	0.00	2,085	187.44	0.01
31.10	0.00	2,081	187.44	0.01

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,078	187.44	0.01
31.30	0.00	2,075	187.44	0.01
31.40	0.00	2,071	187.44	0.01
31.50	0.00	2,068	187.43	0.01
31.60	0.00	2,065	187.43	0.01
31.70	0.00	2,062	187.43	0.01
31.80	0.00	2,059	187.43	0.01
31.90	0.00	2,057	187.43	0.01
32.00	0.00	2,054	187.43	0.01
32.10	0.00	2,052	187.43	0.01
32.20	0.00	2,049	187.42	0.01
32.30	0.00	2,047	187.42	0.01
32.40	0.00	2,045	187.42	0.01
32.50	0.00	2,043	187.42	0.01
32.60	0.00	2,041	187.42	0.01
32.70	0.00	2,039	187.42	0.01
32.80	0.00	2,037	187.42	0.01
32.90	0.00	2,035	187.42	0.00
33.00	0.00	2,033	187.41	0.00
33.10	0.00	2,032	187.41	0.00
33.20	0.00	2,030	187.41	0.00
33.30	0.00	2,029	187.41	0.00
33.40	0.00	2,027	187.41	0.00
33.50	0.00	2,026	187.41	0.00
33.60	0.00	2,024	187.41	0.00
33.70	0.00	2,023	187.41	0.00
33.80	0.00	2,022	187.41	0.00
33.90	0.00	2,021	187.41	0.00
34.00	0.00	2,020	187.41	0.00
34.10	0.00	2,018	187.41	0.00
34.20	0.00	2,017	187.41	0.00
34.30	0.00	2,016	187.41	0.00
34.40	0.00	2,015	187.40	0.00
34.50	0.00	2,014	187.40	0.00
34.60	0.00	2,014	187.40	0.00
34.70	0.00	2,013	187.40	0.00
34.80	0.00	2,012	187.40	0.00
34.90	0.00	2,011	187.40	0.00
35.00	0.00	2,010	187.40	0.00
35.10	0.00	2,009	187.40	0.00
35.20	0.00	2,009	187.40	0.00
35.30	0.00	2,008	187.40	0.00
35.40	0.00	2,007	187.40	0.00
35.50	0.00	2,007	187.40	0.00
35.60	0.00	2,006	187.40	0.00
35.70	0.00	2,005	187.40	0.00
35.80	0.00	2,005	187.40	0.00
35.90	0.00	2,004	187.40	0.00
36.00	0.00	2,004	187.40	0.00
36.10	0.00	2,003	187.40	0.00
36.20	0.00	2,002	187.40	0.00
36.30	0.00	2,002	187.40	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,001	187.40	0.00
36.50	0.00	2,001	187.40	0.00
36.60	0.00	2,000	187.40	0.00
36.70	0.00	2,000	187.40	0.00
36.80	0.00	1,999	187.40	0.00
36.90	0.00	1,999	187.40	0.00
37.00	0.00	1,998	187.39	0.00
37.10	0.00	1,997	187.39	0.00
37.20	0.00	1,997	187.39	0.00
37.30	0.00	1,996	187.39	0.00
37.40	0.00	1,996	187.39	0.00
37.50	0.00	1,995	187.39	0.00
37.60	0.00	1,995	187.39	0.00
37.70	0.00	1,994	187.39	0.00
37.80	0.00	1,994	187.39	0.00
37.90	0.00	1,994	187.39	0.00
38.00	0.00	1,993	187.39	0.00
38.10	0.00	1,993	187.39	0.00
38.20	0.00	1,992	187.39	0.00
38.30	0.00	1,992	187.39	0.00
38.40	0.00	1,991	187.39	0.00
38.50	0.00	1,991	187.39	0.00
38.60	0.00	1,990	187.39	0.00
38.70	0.00	1,990	187.39	0.00
38.80	0.00	1,989	187.39	0.00
38.90	0.00	1,989	187.39	0.00
39.00	0.00	1,989	187.39	0.00
39.10	0.00	1,988	187.39	0.00
39.20	0.00	1,988	187.39	0.00
39.30	0.00	1,987	187.39	0.00
39.40	0.00	1,987	187.39	0.00
39.50	0.00	1,987	187.39	0.00
39.60	0.00	1,986	187.39	0.00
39.70	0.00	1,986	187.39	0.00
39.80	0.00	1,985	187.39	0.00
39.90	0.00	1,985	187.39	0.00
40.00	0.00	1,985	187.39	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 3.91" for Future 10 yr event
 Inflow = 6.90 cfs @ 12.17 hrs, Volume= 0.559 af
 Outflow = 4.80 cfs @ 12.28 hrs, Volume= 0.499 af, Atten= 30%, Lag= 6.1 min
 Primary = 4.80 cfs @ 12.28 hrs, Volume= 0.499 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 198.25' @ 12.28 hrs Surf.Area= 3,995 sf Storage= 9,462 cf

Plug-Flow detention time= 285.7 min calculated for 0.499 af (89% of inflow)
 Center-of-Mass det. time= 230.9 min (1,024.9 - 794.1)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

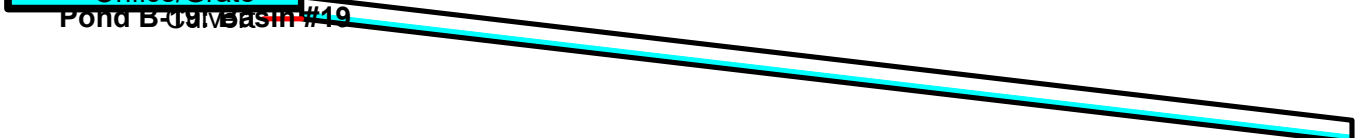
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=4.74 cfs @ 12.28 hrs HW=198.25' (Free Discharge)

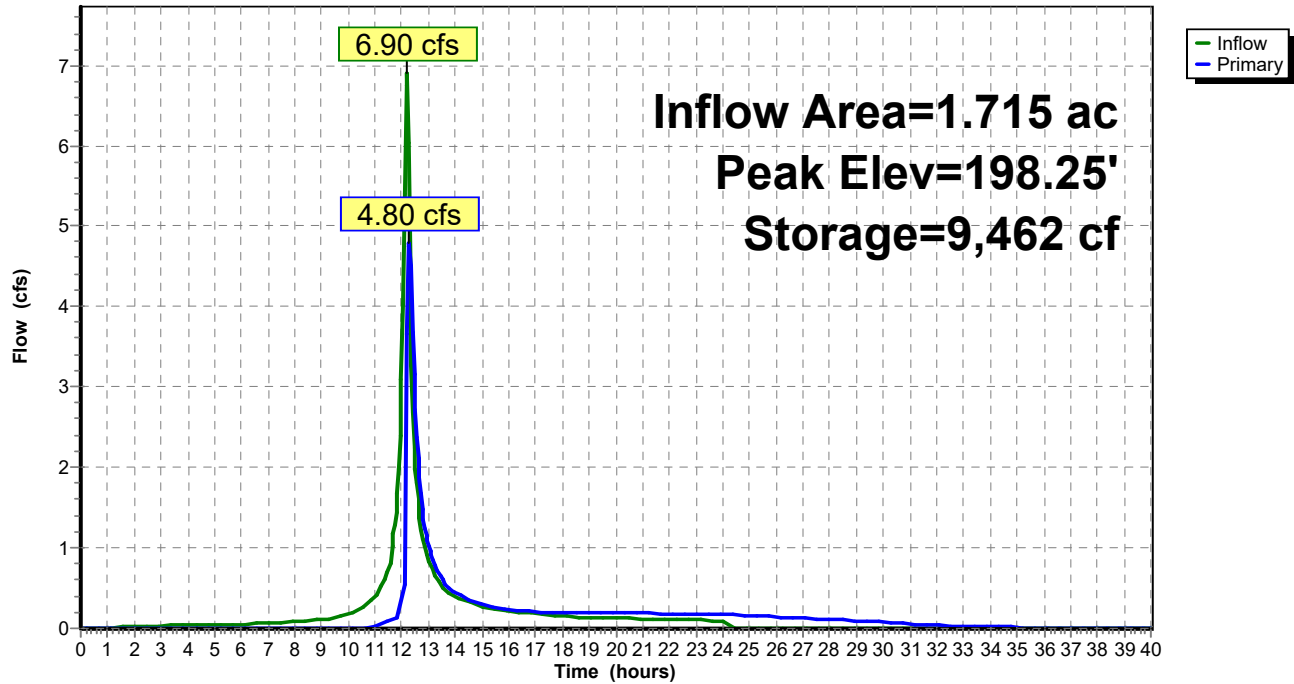
1=Culvert (Passes 4.74 cfs of 15.22 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.84 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.51 cfs @ 2.31 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	1	195.00	0.00
1.00	0.00	2	195.00	0.00
1.10	0.01	4	195.00	0.00
1.20	0.01	6	195.00	0.00
1.30	0.01	10	195.01	0.00
1.40	0.01	14	195.01	0.00
1.50	0.01	18	195.01	0.00
1.60	0.01	23	195.01	0.00
1.70	0.02	29	195.01	0.00
1.80	0.02	35	195.02	0.00
1.90	0.02	42	195.02	0.00
2.00	0.02	49	195.03	0.00
2.10	0.02	56	195.03	0.00
2.20	0.02	64	195.03	0.00
2.30	0.02	72	195.04	0.00
2.40	0.02	81	195.04	0.00
2.50	0.03	90	195.05	0.00
2.60	0.03	100	195.05	0.00
2.70	0.03	110	195.06	0.00
2.80	0.03	120	195.06	0.00
2.90	0.03	130	195.07	0.00
3.00	0.03	141	195.07	0.00
3.10	0.03	152	195.08	0.00
3.20	0.03	164	195.08	0.00
3.30	0.03	176	195.09	0.00
3.40	0.03	188	195.10	0.00
3.50	0.03	200	195.10	0.00
3.60	0.04	213	195.11	0.00
3.70	0.04	226	195.12	0.00
3.80	0.04	239	195.12	0.00
3.90	0.04	252	195.13	0.00
4.00	0.04	266	195.14	0.00
4.10	0.04	280	195.14	0.00
4.20	0.04	294	195.15	0.00
4.30	0.04	308	195.16	0.00
4.40	0.04	323	195.16	0.00
4.50	0.04	337	195.17	0.00
4.60	0.04	352	195.18	0.00
4.70	0.04	368	195.19	0.00
4.80	0.04	383	195.19	0.00
4.90	0.04	399	195.20	0.00
5.00	0.04	415	195.21	0.00
5.10	0.04	431	195.22	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	447	195.23	0.00
5.30	0.05	463	195.23	0.00
5.40	0.05	480	195.24	0.00
5.50	0.05	497	195.25	0.00
5.60	0.05	514	195.26	0.00
5.70	0.05	531	195.27	0.00
5.80	0.05	549	195.27	0.00
5.90	0.05	566	195.28	0.00
6.00	0.05	584	195.29	0.00
6.10	0.05	602	195.30	0.00
6.20	0.05	620	195.31	0.00
6.30	0.05	639	195.32	0.00
6.40	0.05	659	195.33	0.00
6.50	0.06	678	195.34	0.00
6.60	0.06	699	195.35	0.00
6.70	0.06	720	195.36	0.00
6.80	0.06	741	195.37	0.00
6.90	0.06	763	195.38	0.00
7.00	0.06	785	195.39	0.00
7.10	0.06	808	195.40	0.00
7.20	0.07	832	195.41	0.00
7.30	0.07	856	195.42	0.00
7.40	0.07	881	195.43	0.00
7.50	0.07	906	195.44	0.00
7.60	0.07	931	195.46	0.00
7.70	0.07	957	195.47	0.00
7.80	0.07	984	195.48	0.00
7.90	0.08	1,011	195.49	0.00
8.00	0.08	1,039	195.50	0.00
8.10	0.08	1,067	195.52	0.00
8.20	0.08	1,096	195.53	0.00
8.30	0.08	1,126	195.54	0.00
8.40	0.09	1,156	195.56	0.00
8.50	0.09	1,188	195.57	0.00
8.60	0.09	1,221	195.59	0.00
8.70	0.10	1,254	195.60	0.00
8.80	0.10	1,289	195.62	0.00
8.90	0.10	1,325	195.63	0.00
9.00	0.10	1,362	195.65	0.00
9.10	0.11	1,400	195.66	0.00
9.20	0.12	1,440	195.68	0.00
9.30	0.12	1,483	195.70	0.00
9.40	0.13	1,529	195.72	0.00
9.50	0.14	1,577	195.74	0.00
9.60	0.15	1,629	195.76	0.00
9.70	0.16	1,683	195.79	0.00
9.80	0.17	1,741	195.81	0.00
9.90	0.17	1,802	195.84	0.00
10.00	0.18	1,867	195.86	0.00
10.10	0.19	1,935	195.89	0.00
10.20	0.20	2,006	195.92	0.00
10.30	0.21	2,082	195.95	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,161	195.98	0.00
10.50	0.24	2,244	196.02	0.00
10.60	0.25	2,331	196.05	0.00
10.70	0.28	2,427	196.09	0.00
10.80	0.31	2,534	196.13	0.00
10.90	0.35	2,652	196.18	0.00
11.00	0.39	2,781	196.23	0.02
11.10	0.43	2,918	196.28	0.03
11.20	0.49	3,068	196.33	0.05
11.30	0.56	3,237	196.40	0.07
11.40	0.64	3,426	196.46	0.08
11.50	0.71	3,638	196.54	0.09
11.60	0.87	3,882	196.62	0.10
11.70	1.17	4,211	196.74	0.12
11.80	1.44	4,631	196.88	0.13
11.90	1.98	5,188	197.06	0.15
12.00	3.09	6,021	197.31	0.17
12.10	5.40	7,445	197.72	0.20
12.20	6.70	9,113	198.17	3.67
12.30	4.11	9,445	198.25	4.74
12.40	2.67	9,117	198.17	3.68
12.50	1.97	8,796	198.08	2.72
12.60	1.61	8,579	198.03	2.12
12.70	1.22	8,403	197.98	1.67
12.80	1.05	8,269	197.95	1.35
12.90	0.95	8,180	197.92	1.15
13.00	0.86	8,116	197.91	1.02
13.10	0.77	8,062	197.89	0.91
13.20	0.69	8,014	197.88	0.81
13.30	0.63	7,972	197.87	0.74
13.40	0.58	7,936	197.86	0.68
13.50	0.53	7,904	197.85	0.62
13.60	0.48	7,873	197.84	0.57
13.70	0.44	7,844	197.83	0.52
13.80	0.42	7,819	197.83	0.49
13.90	0.41	7,799	197.82	0.46
14.00	0.40	7,783	197.82	0.44
14.10	0.38	7,770	197.81	0.42
14.20	0.37	7,758	197.81	0.40
14.30	0.36	7,748	197.81	0.39
14.40	0.35	7,738	197.80	0.37
14.50	0.33	7,729	197.80	0.36
14.60	0.32	7,719	197.80	0.35
14.70	0.31	7,709	197.80	0.34
14.80	0.30	7,698	197.79	0.33
14.90	0.28	7,686	197.79	0.32
15.00	0.27	7,673	197.79	0.31
15.10	0.26	7,660	197.78	0.29
15.20	0.25	7,648	197.78	0.28
15.30	0.24	7,636	197.78	0.27
15.40	0.24	7,626	197.77	0.26
15.50	0.23	7,618	197.77	0.25

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.23	7,611	197.77	0.25
15.70	0.23	7,606	197.77	0.24
15.80	0.22	7,600	197.77	0.24
15.90	0.22	7,595	197.77	0.23
16.00	0.22	7,591	197.76	0.23
16.10	0.21	7,587	197.76	0.23
16.20	0.21	7,583	197.76	0.22
16.30	0.21	7,579	197.76	0.22
16.40	0.20	7,575	197.76	0.22
16.50	0.20	7,571	197.76	0.21
16.60	0.20	7,566	197.76	0.21
16.70	0.19	7,560	197.76	0.21
16.80	0.19	7,554	197.75	0.21
16.90	0.19	7,548	197.75	0.21
17.00	0.18	7,541	197.75	0.20
17.10	0.18	7,534	197.75	0.20
17.20	0.18	7,526	197.75	0.20
17.30	0.17	7,516	197.74	0.20
17.40	0.17	7,505	197.74	0.20
17.50	0.17	7,493	197.74	0.20
17.60	0.16	7,480	197.73	0.20
17.70	0.16	7,466	197.73	0.20
17.80	0.16	7,451	197.73	0.20
17.90	0.15	7,434	197.72	0.20
18.00	0.15	7,417	197.72	0.20
18.10	0.15	7,398	197.71	0.20
18.20	0.14	7,378	197.71	0.20
18.30	0.14	7,358	197.70	0.20
18.40	0.14	7,337	197.69	0.20
18.50	0.14	7,316	197.69	0.20
18.60	0.14	7,295	197.68	0.20
18.70	0.14	7,274	197.68	0.20
18.80	0.14	7,252	197.67	0.20
18.90	0.14	7,231	197.66	0.20
19.00	0.14	7,209	197.66	0.20
19.10	0.13	7,187	197.65	0.20
19.20	0.13	7,165	197.65	0.20
19.30	0.13	7,143	197.64	0.19
19.40	0.13	7,121	197.63	0.19
19.50	0.13	7,099	197.63	0.19
19.60	0.13	7,076	197.62	0.19
19.70	0.13	7,053	197.61	0.19
19.80	0.13	7,031	197.61	0.19
19.90	0.13	7,008	197.60	0.19
20.00	0.13	6,985	197.59	0.19
20.10	0.13	6,961	197.59	0.19
20.20	0.13	6,938	197.58	0.19
20.30	0.12	6,914	197.57	0.19
20.40	0.12	6,891	197.57	0.19
20.50	0.12	6,867	197.56	0.19
20.60	0.12	6,843	197.55	0.19
20.70	0.12	6,819	197.55	0.19

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	6,795	197.54	0.19
20.90	0.12	6,770	197.53	0.19
21.00	0.12	6,746	197.53	0.19
21.10	0.12	6,721	197.52	0.19
21.20	0.12	6,697	197.51	0.19
21.30	0.12	6,672	197.51	0.19
21.40	0.12	6,647	197.50	0.18
21.50	0.11	6,622	197.49	0.18
21.60	0.11	6,597	197.48	0.18
21.70	0.11	6,571	197.48	0.18
21.80	0.11	6,546	197.47	0.18
21.90	0.11	6,520	197.46	0.18
22.00	0.11	6,495	197.45	0.18
22.10	0.11	6,469	197.45	0.18
22.20	0.11	6,443	197.44	0.18
22.30	0.11	6,417	197.43	0.18
22.40	0.11	6,391	197.42	0.18
22.50	0.11	6,365	197.42	0.18
22.60	0.10	6,339	197.41	0.18
22.70	0.10	6,312	197.40	0.18
22.80	0.10	6,286	197.39	0.18
22.90	0.10	6,259	197.38	0.18
23.00	0.10	6,233	197.38	0.18
23.10	0.10	6,206	197.37	0.17
23.20	0.10	6,179	197.36	0.17
23.30	0.10	6,152	197.35	0.17
23.40	0.10	6,125	197.35	0.17
23.50	0.10	6,098	197.34	0.17
23.60	0.10	6,071	197.33	0.17
23.70	0.10	6,043	197.32	0.17
23.80	0.09	6,016	197.31	0.17
23.90	0.09	5,989	197.30	0.17
24.00	0.10	5,962	197.30	0.17
24.10	0.08	5,935	197.29	0.17
24.20	0.02	5,893	197.28	0.17
24.30	0.01	5,838	197.26	0.17
24.40	0.00	5,779	197.24	0.16
24.50	0.00	5,721	197.22	0.16
24.60	0.00	5,662	197.21	0.16
24.70	0.00	5,604	197.19	0.16
24.80	0.00	5,547	197.17	0.16
24.90	0.00	5,490	197.15	0.16
25.00	0.00	5,433	197.13	0.16
25.10	0.00	5,378	197.12	0.15
25.20	0.00	5,322	197.10	0.15
25.30	0.00	5,268	197.08	0.15
25.40	0.00	5,214	197.07	0.15
25.50	0.00	5,160	197.05	0.15
25.60	0.00	5,107	197.03	0.15
25.70	0.00	5,054	197.01	0.15
25.80	0.00	5,003	197.00	0.14
25.90	0.00	4,951	196.98	0.14

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,900	196.97	0.14
26.10	0.00	4,850	196.95	0.14
26.20	0.00	4,800	196.93	0.14
26.30	0.00	4,751	196.92	0.14
26.40	0.00	4,703	196.90	0.13
26.50	0.00	4,655	196.89	0.13
26.60	0.00	4,607	196.87	0.13
26.70	0.00	4,561	196.85	0.13
26.80	0.00	4,514	196.84	0.13
26.90	0.00	4,469	196.82	0.13
27.00	0.00	4,424	196.81	0.12
27.10	0.00	4,379	196.79	0.12
27.20	0.00	4,335	196.78	0.12
27.30	0.00	4,292	196.76	0.12
27.40	0.00	4,249	196.75	0.12
27.50	0.00	4,207	196.74	0.12
27.60	0.00	4,165	196.72	0.11
27.70	0.00	4,124	196.71	0.11
27.80	0.00	4,084	196.69	0.11
27.90	0.00	4,044	196.68	0.11
28.00	0.00	4,005	196.67	0.11
28.10	0.00	3,966	196.65	0.11
28.20	0.00	3,928	196.64	0.10
28.30	0.00	3,891	196.63	0.10
28.40	0.00	3,854	196.62	0.10
28.50	0.00	3,818	196.60	0.10
28.60	0.00	3,783	196.59	0.10
28.70	0.00	3,748	196.58	0.10
28.80	0.00	3,713	196.57	0.09
28.90	0.00	3,680	196.55	0.09
29.00	0.00	3,646	196.54	0.09
29.10	0.00	3,614	196.53	0.09
29.20	0.00	3,582	196.52	0.09
29.30	0.00	3,551	196.51	0.09
29.40	0.00	3,520	196.50	0.08
29.50	0.00	3,490	196.49	0.08
29.60	0.00	3,461	196.48	0.08
29.70	0.00	3,432	196.47	0.08
29.80	0.00	3,404	196.46	0.08
29.90	0.00	3,376	196.45	0.08
30.00	0.00	3,350	196.44	0.07
30.10	0.00	3,323	196.43	0.07
30.20	0.00	3,298	196.42	0.07
30.30	0.00	3,273	196.41	0.07
30.40	0.00	3,248	196.40	0.07
30.50	0.00	3,225	196.39	0.06
30.60	0.00	3,202	196.38	0.06
30.70	0.00	3,179	196.37	0.06
30.80	0.00	3,158	196.37	0.06
30.90	0.00	3,136	196.36	0.06
31.00	0.00	3,116	196.35	0.06
31.10	0.00	3,096	196.34	0.05

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,077	196.34	0.05
31.30	0.00	3,058	196.33	0.05
31.40	0.00	3,040	196.32	0.05
31.50	0.00	3,023	196.32	0.05
31.60	0.00	3,006	196.31	0.05
31.70	0.00	2,990	196.30	0.04
31.80	0.00	2,975	196.30	0.04
31.90	0.00	2,961	196.29	0.04
32.00	0.00	2,947	196.29	0.04
32.10	0.00	2,934	196.28	0.04
32.20	0.00	2,921	196.28	0.03
32.30	0.00	2,909	196.27	0.03
32.40	0.00	2,898	196.27	0.03
32.50	0.00	2,887	196.27	0.03
32.60	0.00	2,876	196.26	0.03
32.70	0.00	2,866	196.26	0.03
32.80	0.00	2,857	196.25	0.03
32.90	0.00	2,848	196.25	0.02
33.00	0.00	2,839	196.25	0.02
33.10	0.00	2,831	196.24	0.02
33.20	0.00	2,823	196.24	0.02
33.30	0.00	2,816	196.24	0.02
33.40	0.00	2,809	196.24	0.02
33.50	0.00	2,802	196.23	0.02
33.60	0.00	2,795	196.23	0.02
33.70	0.00	2,789	196.23	0.02
33.80	0.00	2,783	196.23	0.02
33.90	0.00	2,777	196.22	0.02
34.00	0.00	2,771	196.22	0.02
34.10	0.00	2,766	196.22	0.01
34.20	0.00	2,761	196.22	0.01
34.30	0.00	2,755	196.22	0.01
34.40	0.00	2,751	196.21	0.01
34.50	0.00	2,746	196.21	0.01
34.60	0.00	2,742	196.21	0.01
34.70	0.00	2,737	196.21	0.01
34.80	0.00	2,733	196.21	0.01
34.90	0.00	2,729	196.21	0.01
35.00	0.00	2,725	196.20	0.01
35.10	0.00	2,722	196.20	0.01
35.20	0.00	2,718	196.20	0.01
35.30	0.00	2,715	196.20	0.01
35.40	0.00	2,712	196.20	0.01
35.50	0.00	2,708	196.20	0.01
35.60	0.00	2,705	196.20	0.01
35.70	0.00	2,702	196.20	0.01
35.80	0.00	2,699	196.19	0.01
35.90	0.00	2,697	196.19	0.01
36.00	0.00	2,694	196.19	0.01
36.10	0.00	2,691	196.19	0.01
36.20	0.00	2,688	196.19	0.01
36.30	0.00	2,686	196.19	0.01

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,683	196.19	0.01
36.50	0.00	2,681	196.19	0.01
36.60	0.00	2,678	196.19	0.01
36.70	0.00	2,676	196.19	0.01
36.80	0.00	2,674	196.18	0.01
36.90	0.00	2,671	196.18	0.01
37.00	0.00	2,669	196.18	0.01
37.10	0.00	2,667	196.18	0.01
37.20	0.00	2,665	196.18	0.01
37.30	0.00	2,663	196.18	0.01
37.40	0.00	2,661	196.18	0.01
37.50	0.00	2,659	196.18	0.01
37.60	0.00	2,657	196.18	0.01
37.70	0.00	2,656	196.18	0.01
37.80	0.00	2,654	196.18	0.00
37.90	0.00	2,652	196.18	0.00
38.00	0.00	2,650	196.18	0.00
38.10	0.00	2,649	196.18	0.00
38.20	0.00	2,647	196.17	0.00
38.30	0.00	2,645	196.17	0.00
38.40	0.00	2,644	196.17	0.00
38.50	0.00	2,642	196.17	0.00
38.60	0.00	2,641	196.17	0.00
38.70	0.00	2,640	196.17	0.00
38.80	0.00	2,638	196.17	0.00
38.90	0.00	2,637	196.17	0.00
39.00	0.00	2,636	196.17	0.00
39.10	0.00	2,634	196.17	0.00
39.20	0.00	2,633	196.17	0.00
39.30	0.00	2,632	196.17	0.00
39.40	0.00	2,631	196.17	0.00
39.50	0.00	2,629	196.17	0.00
39.60	0.00	2,628	196.17	0.00
39.70	0.00	2,627	196.17	0.00
39.80	0.00	2,626	196.17	0.00
39.90	0.00	2,625	196.17	0.00
40.00	0.00	2,624	196.17	0.00

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 4.20" for Future 10 yr event
 Inflow = 10.41 cfs @ 12.17 hrs, Volume= 0.858 af
 Outflow = 6.08 cfs @ 12.31 hrs, Volume= 0.725 af, Atten= 42%, Lag= 8.3 min
 Primary = 6.08 cfs @ 12.31 hrs, Volume= 0.725 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 153.35' @ 12.31 hrs Surf.Area= 7,805 sf Storage= 16,098 cf

Plug-Flow detention time= 338.8 min calculated for 0.725 af (84% of inflow)
 Center-of-Mass det. time= 267.9 min (1,051.9 - 784.0)

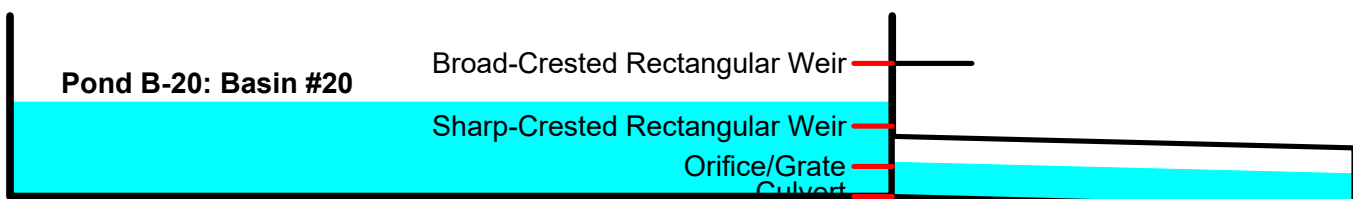
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

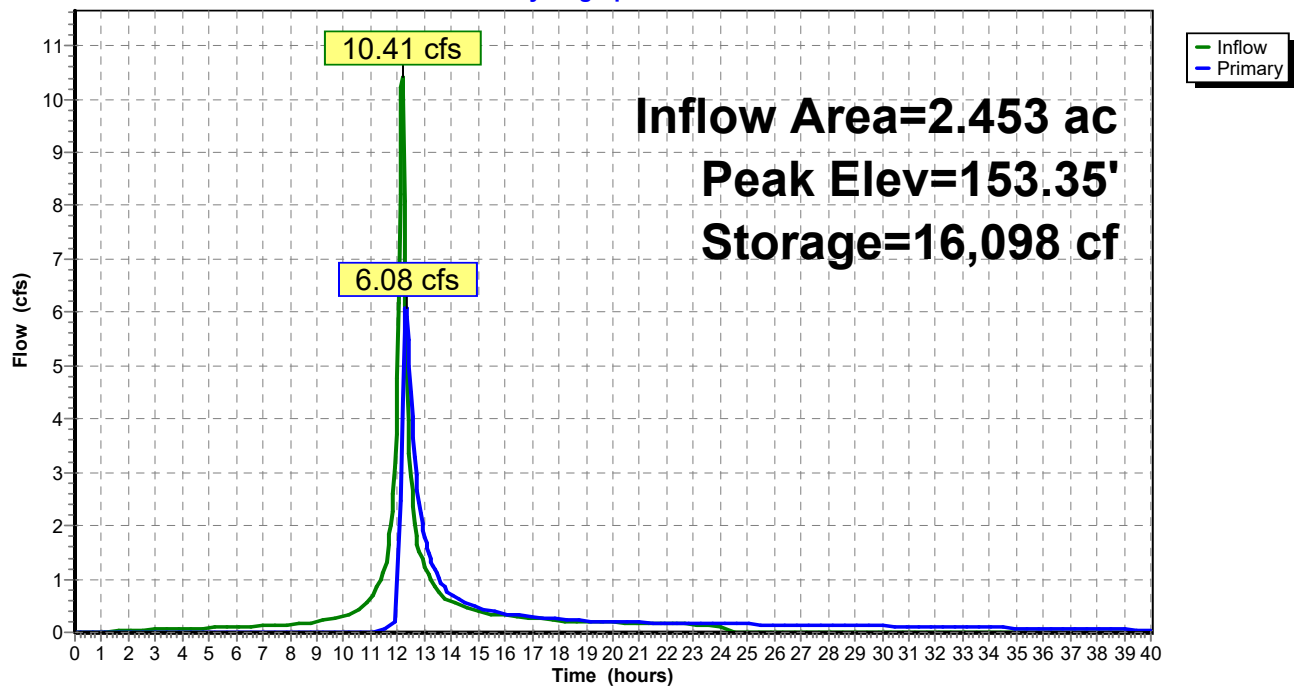
Primary OutFlow Max=6.03 cfs @ 12.31 hrs HW=153.35' (Free Discharge)

1=Culvert (Passes 6.03 cfs of 10.61 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.88 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.83 cfs @ 2.52 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20

Hydrograph



Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.00	0	151.00	0.00
0.60	0.00	0	151.00	0.00
0.70	0.00	0	151.00	0.00
0.80	0.00	0	151.00	0.00
0.90	0.00	1	151.00	0.00
1.00	0.01	3	151.00	0.00
1.10	0.01	7	151.00	0.00
1.20	0.02	12	151.00	0.00
1.30	0.02	18	151.00	0.00
1.40	0.02	26	151.00	0.00
1.50	0.03	34	151.01	0.00
1.60	0.03	44	151.01	0.00
1.70	0.03	55	151.01	0.00
1.80	0.03	66	151.01	0.00
1.90	0.04	79	151.01	0.00
2.00	0.04	92	151.02	0.00
2.10	0.04	106	151.02	0.00
2.20	0.04	121	151.02	0.00
2.30	0.05	137	151.02	0.00
2.40	0.05	154	151.03	0.00
2.50	0.05	171	151.03	0.00
2.60	0.05	189	151.03	0.00
2.70	0.05	208	151.03	0.00
2.80	0.05	227	151.04	0.00
2.90	0.06	247	151.04	0.00
3.00	0.06	267	151.05	0.00
3.10	0.06	289	151.05	0.00
3.20	0.06	310	151.05	0.00
3.30	0.06	333	151.06	0.00
3.40	0.06	355	151.06	0.00
3.50	0.07	379	151.06	0.00
3.60	0.07	403	151.07	0.00
3.70	0.07	427	151.07	0.00
3.80	0.07	452	151.08	0.00
3.90	0.07	477	151.08	0.00
4.00	0.07	503	151.08	0.00
4.10	0.07	529	151.09	0.00
4.20	0.07	556	151.09	0.00
4.30	0.08	583	151.10	0.00
4.40	0.08	611	151.10	0.00
4.50	0.08	639	151.11	0.00
4.60	0.08	667	151.11	0.00
4.70	0.08	696	151.12	0.00
4.80	0.08	725	151.12	0.00
4.90	0.08	755	151.13	0.00
5.00	0.08	785	151.13	0.00
5.10	0.09	815	151.14	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	846	151.14	0.00
5.30	0.09	877	151.15	0.00
5.40	0.09	909	151.15	0.00
5.50	0.09	941	151.16	0.00
5.60	0.09	973	151.16	0.00
5.70	0.09	1,005	151.17	0.00
5.80	0.09	1,038	151.17	0.00
5.90	0.09	1,072	151.18	0.00
6.00	0.09	1,105	151.18	0.00
6.10	0.10	1,140	151.19	0.00
6.20	0.10	1,174	151.20	0.00
6.30	0.10	1,210	151.20	0.00
6.40	0.10	1,247	151.21	0.00
6.50	0.11	1,284	151.21	0.00
6.60	0.11	1,323	151.22	0.00
6.70	0.11	1,362	151.23	0.00
6.80	0.11	1,403	151.23	0.00
6.90	0.12	1,444	151.24	0.00
7.00	0.12	1,487	151.25	0.00
7.10	0.12	1,530	151.25	0.00
7.20	0.13	1,575	151.26	0.00
7.30	0.13	1,620	151.27	0.00
7.40	0.13	1,667	151.28	0.00
7.50	0.13	1,714	151.28	0.00
7.60	0.14	1,763	151.29	0.00
7.70	0.14	1,812	151.30	0.00
7.80	0.14	1,863	151.31	0.00
7.90	0.14	1,914	151.32	0.00
8.00	0.15	1,967	151.32	0.00
8.10	0.15	2,020	151.33	0.00
8.20	0.15	2,075	151.34	0.00
8.30	0.16	2,131	151.35	0.00
8.40	0.16	2,188	151.36	0.00
8.50	0.17	2,247	151.37	0.00
8.60	0.17	2,307	151.38	0.00
8.70	0.18	2,370	151.39	0.00
8.80	0.18	2,434	151.40	0.00
8.90	0.18	2,499	151.41	0.00
9.00	0.19	2,566	151.42	0.00
9.10	0.20	2,635	151.43	0.00
9.20	0.21	2,708	151.44	0.00
9.30	0.22	2,784	151.46	0.00
9.40	0.23	2,865	151.47	0.00
9.50	0.25	2,951	151.48	0.00
9.60	0.26	3,042	151.50	0.00
9.70	0.27	3,138	151.51	0.00
9.80	0.29	3,239	151.53	0.00
9.90	0.30	3,345	151.54	0.00
10.00	0.32	3,457	151.56	0.00
10.10	0.33	3,574	151.58	0.00
10.20	0.35	3,697	151.60	0.00
10.30	0.36	3,825	151.62	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.38	3,959	151.64	0.00
10.50	0.40	4,100	151.66	0.00
10.60	0.42	4,247	151.69	0.00
10.70	0.47	4,407	151.71	0.00
10.80	0.52	4,585	151.74	0.00
10.90	0.58	4,782	151.77	0.00
11.00	0.63	4,999	151.80	0.01
11.10	0.70	5,236	151.84	0.01
11.20	0.80	5,499	151.88	0.03
11.30	0.91	5,795	151.92	0.04
11.40	1.02	6,125	151.97	0.06
11.50	1.14	6,492	152.03	0.07
11.60	1.39	6,910	152.09	0.08
11.70	1.84	7,464	152.17	0.09
11.80	2.26	8,159	152.27	0.11
11.90	3.08	9,068	152.40	0.12
12.00	4.75	10,396	152.59	0.14
12.10	8.21	12,562	152.88	0.81
12.20	10.08	15,135	153.22	4.37
12.30	6.15	16,091	153.35	6.07
12.40	3.97	15,774	153.31	5.49
12.50	2.93	15,202	153.23	4.48
12.60	2.38	14,702	153.17	3.65
12.70	1.80	14,258	153.11	2.96
12.80	1.55	13,893	153.06	2.43
12.90	1.40	13,621	153.03	2.05
13.00	1.26	13,414	153.00	1.78
13.10	1.13	13,245	152.98	1.56
13.20	1.01	13,099	152.96	1.39
13.30	0.93	12,975	152.94	1.24
13.40	0.86	12,870	152.93	1.13
13.50	0.78	12,777	152.91	1.03
13.60	0.71	12,692	152.90	0.94
13.70	0.65	12,614	152.89	0.86
13.80	0.62	12,547	152.88	0.80
13.90	0.60	12,491	152.87	0.74
14.00	0.58	12,444	152.87	0.70
14.10	0.57	12,405	152.86	0.67
14.20	0.55	12,371	152.86	0.64
14.30	0.53	12,341	152.85	0.61
14.40	0.51	12,313	152.85	0.58
14.50	0.49	12,288	152.85	0.56
14.60	0.47	12,264	152.84	0.54
14.70	0.45	12,239	152.84	0.52
14.80	0.43	12,215	152.84	0.50
14.90	0.42	12,190	152.83	0.49
15.00	0.40	12,164	152.83	0.47
15.10	0.38	12,139	152.83	0.45
15.20	0.36	12,113	152.82	0.43
15.30	0.35	12,090	152.82	0.41
15.40	0.35	12,070	152.82	0.40
15.50	0.34	12,053	152.82	0.39

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	12,039	152.81	0.38
15.70	0.33	12,026	152.81	0.37
15.80	0.33	12,014	152.81	0.36
15.90	0.32	12,003	152.81	0.35
16.00	0.32	11,994	152.81	0.34
16.10	0.31	11,985	152.81	0.34
16.20	0.31	11,976	152.81	0.33
16.30	0.30	11,968	152.80	0.33
16.40	0.30	11,960	152.80	0.32
16.50	0.29	11,953	152.80	0.32
16.60	0.29	11,945	152.80	0.31
16.70	0.28	11,938	152.80	0.30
16.80	0.28	11,930	152.80	0.30
16.90	0.27	11,922	152.80	0.30
17.00	0.27	11,913	152.80	0.29
17.10	0.26	11,904	152.80	0.29
17.20	0.26	11,895	152.79	0.29
17.30	0.25	11,885	152.79	0.28
17.40	0.25	11,875	152.79	0.28
17.50	0.24	11,864	152.79	0.27
17.60	0.24	11,854	152.79	0.27
17.70	0.23	11,843	152.79	0.26
17.80	0.23	11,833	152.79	0.26
17.90	0.22	11,822	152.78	0.25
18.00	0.22	11,811	152.78	0.25
18.10	0.21	11,800	152.78	0.24
18.20	0.21	11,789	152.78	0.24
18.30	0.21	11,779	152.78	0.23
18.40	0.21	11,769	152.78	0.23
18.50	0.20	11,761	152.78	0.23
18.60	0.20	11,753	152.77	0.22
18.70	0.20	11,746	152.77	0.22
18.80	0.20	11,740	152.77	0.22
18.90	0.20	11,734	152.77	0.22
19.00	0.20	11,728	152.77	0.21
19.10	0.20	11,723	152.77	0.21
19.20	0.20	11,719	152.77	0.21
19.30	0.19	11,714	152.77	0.21
19.40	0.19	11,710	152.77	0.20
19.50	0.19	11,706	152.77	0.20
19.60	0.19	11,702	152.77	0.20
19.70	0.19	11,698	152.77	0.20
19.80	0.19	11,695	152.77	0.20
19.90	0.19	11,692	152.77	0.20
20.00	0.19	11,688	152.77	0.20
20.10	0.18	11,685	152.77	0.19
20.20	0.18	11,682	152.76	0.19
20.30	0.18	11,678	152.76	0.19
20.40	0.18	11,675	152.76	0.19
20.50	0.18	11,672	152.76	0.19
20.60	0.18	11,669	152.76	0.19
20.70	0.18	11,666	152.76	0.19

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	11,663	152.76	0.18
20.90	0.17	11,660	152.76	0.18
21.00	0.17	11,657	152.76	0.18
21.10	0.17	11,654	152.76	0.18
21.20	0.17	11,651	152.76	0.18
21.30	0.17	11,648	152.76	0.18
21.40	0.17	11,646	152.76	0.18
21.50	0.17	11,643	152.76	0.18
21.60	0.17	11,640	152.76	0.17
21.70	0.16	11,637	152.76	0.17
21.80	0.16	11,634	152.76	0.17
21.90	0.16	11,631	152.76	0.17
22.00	0.16	11,628	152.76	0.17
22.10	0.16	11,625	152.76	0.17
22.20	0.16	11,622	152.76	0.17
22.30	0.16	11,619	152.76	0.16
22.40	0.16	11,617	152.76	0.16
22.50	0.15	11,614	152.76	0.16
22.60	0.15	11,611	152.76	0.16
22.70	0.15	11,608	152.75	0.16
22.80	0.15	11,605	152.75	0.16
22.90	0.15	11,601	152.75	0.16
23.00	0.15	11,597	152.75	0.16
23.10	0.15	11,593	152.75	0.16
23.20	0.15	11,589	152.75	0.16
23.30	0.14	11,584	152.75	0.16
23.40	0.14	11,580	152.75	0.16
23.50	0.14	11,575	152.75	0.16
23.60	0.14	11,570	152.75	0.16
23.70	0.14	11,564	152.75	0.16
23.80	0.14	11,558	152.75	0.16
23.90	0.14	11,551	152.75	0.16
24.00	0.14	11,545	152.75	0.16
24.10	0.12	11,540	152.75	0.15
24.20	0.03	11,511	152.74	0.15
24.30	0.01	11,462	152.73	0.15
24.40	0.00	11,408	152.73	0.15
24.50	0.00	11,354	152.72	0.15
24.60	0.00	11,299	152.71	0.15
24.70	0.00	11,244	152.70	0.15
24.80	0.00	11,190	152.70	0.15
24.90	0.00	11,136	152.69	0.15
25.00	0.00	11,082	152.68	0.15
25.10	0.00	11,028	152.68	0.15
25.20	0.00	10,975	152.67	0.15
25.30	0.00	10,921	152.66	0.15
25.40	0.00	10,869	152.65	0.15
25.50	0.00	10,816	152.65	0.15
25.60	0.00	10,763	152.64	0.15
25.70	0.00	10,711	152.63	0.14
25.80	0.00	10,659	152.62	0.14
25.90	0.00	10,607	152.62	0.14

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,556	152.61	0.14
26.10	0.00	10,505	152.60	0.14
26.20	0.00	10,454	152.60	0.14
26.30	0.00	10,403	152.59	0.14
26.40	0.00	10,353	152.58	0.14
26.50	0.00	10,302	152.57	0.14
26.60	0.00	10,252	152.57	0.14
26.70	0.00	10,202	152.56	0.14
26.80	0.00	10,153	152.55	0.14
26.90	0.00	10,104	152.55	0.14
27.00	0.00	10,055	152.54	0.14
27.10	0.00	10,006	152.53	0.14
27.20	0.00	9,957	152.53	0.13
27.30	0.00	9,909	152.52	0.13
27.40	0.00	9,861	152.51	0.13
27.50	0.00	9,813	152.51	0.13
27.60	0.00	9,765	152.50	0.13
27.70	0.00	9,718	152.49	0.13
27.80	0.00	9,671	152.49	0.13
27.90	0.00	9,624	152.48	0.13
28.00	0.00	9,578	152.47	0.13
28.10	0.00	9,531	152.47	0.13
28.20	0.00	9,485	152.46	0.13
28.30	0.00	9,439	152.45	0.13
28.40	0.00	9,394	152.45	0.13
28.50	0.00	9,348	152.44	0.13
28.60	0.00	9,303	152.43	0.12
28.70	0.00	9,258	152.43	0.12
28.80	0.00	9,214	152.42	0.12
28.90	0.00	9,169	152.42	0.12
29.00	0.00	9,125	152.41	0.12
29.10	0.00	9,081	152.40	0.12
29.20	0.00	9,038	152.40	0.12
29.30	0.00	8,994	152.39	0.12
29.40	0.00	8,951	152.38	0.12
29.50	0.00	8,908	152.38	0.12
29.60	0.00	8,866	152.37	0.12
29.70	0.00	8,823	152.37	0.12
29.80	0.00	8,781	152.36	0.12
29.90	0.00	8,739	152.35	0.12
30.00	0.00	8,698	152.35	0.12
30.10	0.00	8,656	152.34	0.11
30.20	0.00	8,615	152.34	0.11
30.30	0.00	8,574	152.33	0.11
30.40	0.00	8,534	152.32	0.11
30.50	0.00	8,493	152.32	0.11
30.60	0.00	8,453	152.31	0.11
30.70	0.00	8,413	152.31	0.11
30.80	0.00	8,374	152.30	0.11
30.90	0.00	8,334	152.30	0.11
31.00	0.00	8,295	152.29	0.11
31.10	0.00	8,256	152.28	0.11

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,218	152.28	0.11
31.30	0.00	8,179	152.27	0.11
31.40	0.00	8,141	152.27	0.11
31.50	0.00	8,103	152.26	0.10
31.60	0.00	8,066	152.26	0.10
31.70	0.00	8,028	152.25	0.10
31.80	0.00	7,991	152.25	0.10
31.90	0.00	7,954	152.24	0.10
32.00	0.00	7,918	152.24	0.10
32.10	0.00	7,881	152.23	0.10
32.20	0.00	7,845	152.22	0.10
32.30	0.00	7,809	152.22	0.10
32.40	0.00	7,774	152.21	0.10
32.50	0.00	7,738	152.21	0.10
32.60	0.00	7,703	152.20	0.10
32.70	0.00	7,668	152.20	0.10
32.80	0.00	7,634	152.19	0.10
32.90	0.00	7,600	152.19	0.09
33.00	0.00	7,566	152.18	0.09
33.10	0.00	7,532	152.18	0.09
33.20	0.00	7,498	152.17	0.09
33.30	0.00	7,465	152.17	0.09
33.40	0.00	7,432	152.16	0.09
33.50	0.00	7,399	152.16	0.09
33.60	0.00	7,367	152.16	0.09
33.70	0.00	7,334	152.15	0.09
33.80	0.00	7,302	152.15	0.09
33.90	0.00	7,270	152.14	0.09
34.00	0.00	7,239	152.14	0.09
34.10	0.00	7,208	152.13	0.09
34.20	0.00	7,177	152.13	0.09
34.30	0.00	7,146	152.12	0.09
34.40	0.00	7,115	152.12	0.08
34.50	0.00	7,085	152.11	0.08
34.60	0.00	7,055	152.11	0.08
34.70	0.00	7,026	152.11	0.08
34.80	0.00	6,996	152.10	0.08
34.90	0.00	6,967	152.10	0.08
35.00	0.00	6,938	152.09	0.08
35.10	0.00	6,909	152.09	0.08
35.20	0.00	6,881	152.08	0.08
35.30	0.00	6,853	152.08	0.08
35.40	0.00	6,825	152.08	0.08
35.50	0.00	6,797	152.07	0.08
35.60	0.00	6,770	152.07	0.08
35.70	0.00	6,743	152.06	0.07
35.80	0.00	6,716	152.06	0.07
35.90	0.00	6,689	152.06	0.07
36.00	0.00	6,663	152.05	0.07
36.10	0.00	6,637	152.05	0.07
36.20	0.00	6,611	152.04	0.07
36.30	0.00	6,585	152.04	0.07

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,560	152.04	0.07
36.50	0.00	6,535	152.03	0.07
36.60	0.00	6,510	152.03	0.07
36.70	0.00	6,486	152.03	0.07
36.80	0.00	6,461	152.02	0.07
36.90	0.00	6,437	152.02	0.07
37.00	0.00	6,414	152.01	0.07
37.10	0.00	6,390	152.01	0.06
37.20	0.00	6,367	152.01	0.06
37.30	0.00	6,344	152.00	0.06
37.40	0.00	6,321	152.00	0.06
37.50	0.00	6,299	152.00	0.06
37.60	0.00	6,276	151.99	0.06
37.70	0.00	6,254	151.99	0.06
37.80	0.00	6,233	151.99	0.06
37.90	0.00	6,211	151.98	0.06
38.00	0.00	6,190	151.98	0.06
38.10	0.00	6,169	151.98	0.06
38.20	0.00	6,149	151.97	0.06
38.30	0.00	6,128	151.97	0.06
38.40	0.00	6,108	151.97	0.06
38.50	0.00	6,088	151.97	0.05
38.60	0.00	6,069	151.96	0.05
38.70	0.00	6,049	151.96	0.05
38.80	0.00	6,030	151.96	0.05
38.90	0.00	6,011	151.95	0.05
39.00	0.00	5,993	151.95	0.05
39.10	0.00	5,974	151.95	0.05
39.20	0.00	5,956	151.95	0.05
39.30	0.00	5,938	151.94	0.05
39.40	0.00	5,921	151.94	0.05
39.50	0.00	5,903	151.94	0.05
39.60	0.00	5,886	151.94	0.05
39.70	0.00	5,870	151.93	0.05
39.80	0.00	5,853	151.93	0.05
39.90	0.00	5,837	151.93	0.04
40.00	0.00	5,821	151.93	0.04

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 3.93" for Future 10 yr event
 Inflow = 10.09 cfs @ 12.17 hrs, Volume= 0.818 af
 Outflow = 3.90 cfs @ 12.41 hrs, Volume= 0.693 af, Atten= 61%, Lag= 14.1 min
 Primary = 3.90 cfs @ 12.41 hrs, Volume= 0.693 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 152.76' @ 12.41 hrs Surf.Area= 7,557 sf Storage= 17,054 cf

Plug-Flow detention time= 431.0 min calculated for 0.692 af (85% of inflow)
 Center-of-Mass det. time= 362.0 min (1,155.5 - 793.5)

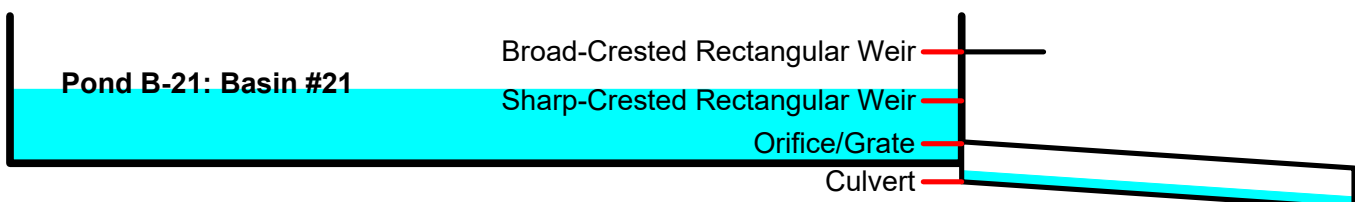
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

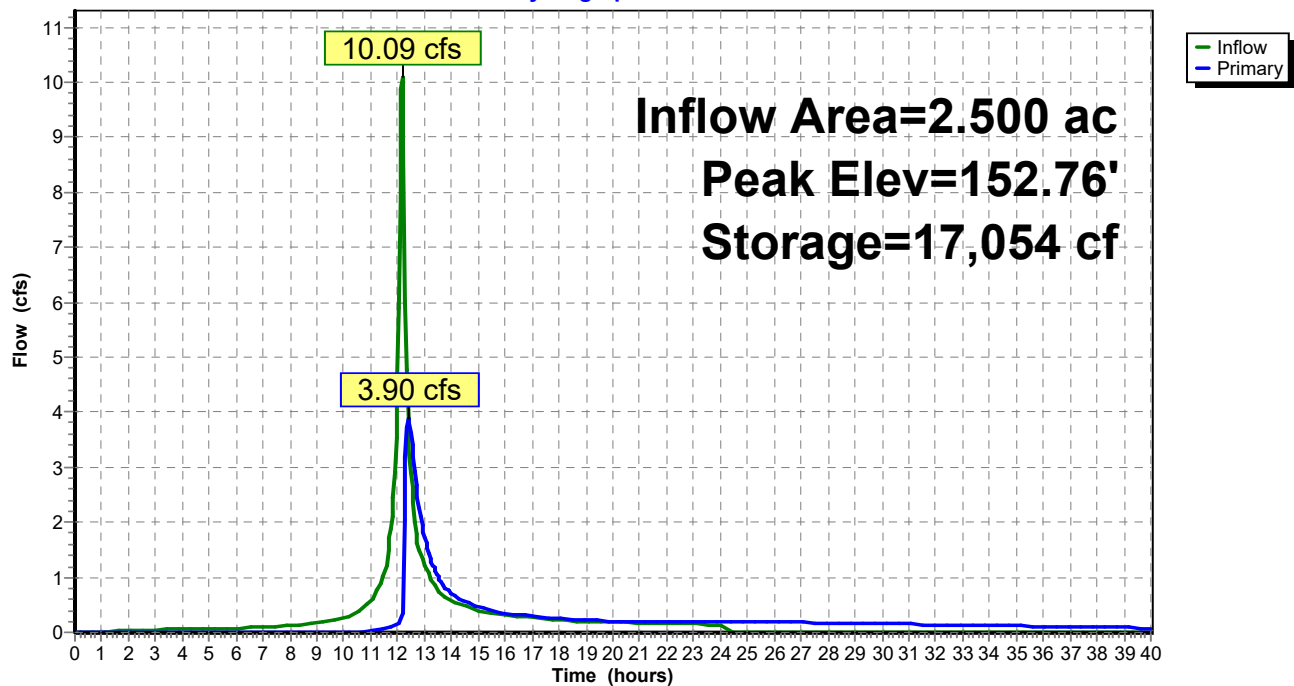
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.88 cfs @ 12.41 hrs HW=152.76' (Free Discharge)

1=Culvert (Passes 3.88 cfs of 14.02 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.70 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.65 cfs @ 2.15 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-21: Basin #21**Hydrograph**

Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	0	150.00	0.00
0.60	0.00	0	150.00	0.00
0.70	0.00	0	150.00	0.00
0.80	0.00	0	150.00	0.00
0.90	0.00	1	150.00	0.00
1.00	0.01	3	150.00	0.00
1.10	0.01	6	150.00	0.00
1.20	0.01	10	150.00	0.00
1.30	0.01	14	150.00	0.00
1.40	0.02	20	150.00	0.00
1.50	0.02	27	150.01	0.00
1.60	0.02	34	150.01	0.00
1.70	0.02	43	150.01	0.00
1.80	0.03	52	150.01	0.00
1.90	0.03	62	150.01	0.00
2.00	0.03	72	150.01	0.00
2.10	0.03	83	150.02	0.00
2.20	0.03	95	150.02	0.00
2.30	0.04	108	150.02	0.00
2.40	0.04	121	150.02	0.00
2.50	0.04	134	150.03	0.00
2.60	0.04	148	150.03	0.00
2.70	0.04	163	150.03	0.00
2.80	0.04	178	150.04	0.00
2.90	0.04	194	150.04	0.00
3.00	0.05	210	150.04	0.00
3.10	0.05	226	150.05	0.00
3.20	0.05	243	150.05	0.00
3.30	0.05	261	150.05	0.00
3.40	0.05	279	150.06	0.00
3.50	0.05	297	150.06	0.00
3.60	0.05	316	150.06	0.00
3.70	0.05	335	150.07	0.00
3.80	0.05	354	150.07	0.00
3.90	0.06	374	150.08	0.00
4.00	0.06	394	150.08	0.00
4.10	0.06	415	150.08	0.00
4.20	0.06	436	150.09	0.00
4.30	0.06	457	150.09	0.00
4.40	0.06	479	150.10	0.00
4.50	0.06	501	150.10	0.00
4.60	0.06	523	150.11	0.00
4.70	0.06	546	150.11	0.00
4.80	0.06	569	150.12	0.00
4.90	0.06	592	150.12	0.00
5.00	0.07	615	150.13	0.00
5.10	0.07	639	150.13	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	663	150.14	0.00
5.30	0.07	688	150.14	0.00
5.40	0.07	712	150.14	0.00
5.50	0.07	738	150.15	0.00
5.60	0.07	763	150.16	0.00
5.70	0.07	788	150.16	0.00
5.80	0.07	814	150.17	0.00
5.90	0.07	840	150.17	0.00
6.00	0.07	867	150.18	0.00
6.10	0.07	893	150.18	0.00
6.20	0.08	921	150.19	0.00
6.30	0.08	949	150.19	0.00
6.40	0.08	977	150.20	0.00
6.50	0.08	1,007	150.20	0.00
6.60	0.09	1,037	150.21	0.00
6.70	0.09	1,068	150.22	0.00
6.80	0.09	1,100	150.22	0.00
6.90	0.09	1,132	150.23	0.00
7.00	0.09	1,166	150.24	0.00
7.10	0.10	1,200	150.24	0.00
7.20	0.10	1,235	150.25	0.00
7.30	0.10	1,270	150.26	0.00
7.40	0.10	1,307	150.26	0.00
7.50	0.10	1,344	150.27	0.00
7.60	0.11	1,382	150.28	0.00
7.70	0.11	1,421	150.29	0.00
7.80	0.11	1,461	150.29	0.00
7.90	0.11	1,501	150.30	0.00
8.00	0.12	1,542	150.31	0.00
8.10	0.12	1,584	150.32	0.00
8.20	0.12	1,627	150.33	0.00
8.30	0.12	1,671	150.33	0.00
8.40	0.13	1,716	150.34	0.00
8.50	0.13	1,763	150.35	0.00
8.60	0.14	1,811	150.36	0.00
8.70	0.14	1,861	150.37	0.00
8.80	0.15	1,913	150.38	0.00
8.90	0.15	1,966	150.39	0.00
9.00	0.15	2,021	150.40	0.00
9.10	0.16	2,077	150.41	0.00
9.20	0.17	2,137	150.42	0.00
9.30	0.18	2,200	150.44	0.00
9.40	0.19	2,267	150.45	0.00
9.50	0.20	2,339	150.46	0.00
9.60	0.22	2,415	150.48	0.00
9.70	0.23	2,495	150.49	0.00
9.80	0.24	2,581	150.51	0.00
9.90	0.26	2,671	150.52	0.00
10.00	0.27	2,766	150.54	0.00
10.10	0.29	2,866	150.56	0.00
10.20	0.30	2,972	150.58	0.00
10.30	0.32	3,083	150.60	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,199	150.62	0.00
10.50	0.35	3,322	150.65	0.00
10.60	0.37	3,450	150.67	0.00
10.70	0.41	3,591	150.69	0.00
10.80	0.46	3,748	150.72	0.00
10.90	0.51	3,923	150.75	0.00
11.00	0.57	4,115	150.79	0.01
11.10	0.63	4,325	150.83	0.02
11.20	0.72	4,559	150.87	0.03
11.30	0.82	4,822	150.91	0.05
11.40	0.93	5,118	150.97	0.06
11.50	1.04	5,450	151.02	0.07
11.60	1.28	5,830	151.09	0.08
11.70	1.71	6,339	151.18	0.10
11.80	2.11	6,981	151.28	0.11
11.90	2.91	7,830	151.42	0.13
12.00	4.52	9,083	151.62	0.15
12.10	7.90	11,207	151.94	0.17
12.20	9.79	14,479	152.42	0.54
12.30	6.01	16,614	152.71	3.19
12.40	3.90	17,052	152.76	3.89
12.50	2.88	16,890	152.74	3.63
12.60	2.35	16,609	152.71	3.18
12.70	1.78	16,286	152.66	2.69
12.80	1.54	15,990	152.62	2.26
12.90	1.38	15,760	152.59	1.94
13.00	1.25	15,578	152.57	1.71
13.10	1.12	15,425	152.55	1.52
13.20	1.00	15,291	152.53	1.35
13.30	0.92	15,174	152.51	1.22
13.40	0.85	15,073	152.50	1.11
13.50	0.78	14,985	152.49	1.01
13.60	0.71	14,904	152.47	0.92
13.70	0.65	14,828	152.46	0.85
13.80	0.62	14,761	152.45	0.79
13.90	0.60	14,705	152.45	0.74
14.00	0.58	14,659	152.44	0.70
14.10	0.56	14,621	152.44	0.66
14.20	0.54	14,587	152.43	0.63
14.30	0.53	14,558	152.43	0.60
14.40	0.51	14,532	152.42	0.58
14.50	0.49	14,507	152.42	0.56
14.60	0.47	14,482	152.42	0.54
14.70	0.45	14,457	152.41	0.52
14.80	0.43	14,431	152.41	0.50
14.90	0.41	14,405	152.41	0.49
15.00	0.39	14,379	152.40	0.47
15.10	0.38	14,353	152.40	0.45
15.20	0.36	14,326	152.39	0.43
15.30	0.35	14,302	152.39	0.42
15.40	0.35	14,281	152.39	0.40
15.50	0.34	14,263	152.39	0.39

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	14,247	152.38	0.38
15.70	0.33	14,233	152.38	0.37
15.80	0.33	14,221	152.38	0.36
15.90	0.32	14,210	152.38	0.35
16.00	0.32	14,199	152.38	0.35
16.10	0.31	14,190	152.38	0.34
16.20	0.31	14,181	152.37	0.33
16.30	0.30	14,172	152.37	0.33
16.40	0.30	14,164	152.37	0.32
16.50	0.29	14,156	152.37	0.32
16.60	0.29	14,148	152.37	0.31
16.70	0.28	14,140	152.37	0.30
16.80	0.28	14,132	152.37	0.30
16.90	0.27	14,125	152.37	0.29
17.00	0.27	14,117	152.36	0.29
17.10	0.26	14,109	152.36	0.29
17.20	0.26	14,100	152.36	0.28
17.30	0.25	14,091	152.36	0.28
17.40	0.25	14,081	152.36	0.28
17.50	0.24	14,071	152.36	0.27
17.60	0.24	14,060	152.36	0.27
17.70	0.23	14,048	152.36	0.26
17.80	0.23	14,037	152.35	0.26
17.90	0.22	14,025	152.35	0.26
18.00	0.22	14,013	152.35	0.25
18.10	0.21	14,000	152.35	0.25
18.20	0.21	13,988	152.35	0.24
18.30	0.21	13,975	152.35	0.24
18.40	0.21	13,964	152.34	0.24
18.50	0.20	13,954	152.34	0.23
18.60	0.20	13,944	152.34	0.23
18.70	0.20	13,935	152.34	0.23
18.80	0.20	13,927	152.34	0.22
18.90	0.20	13,920	152.34	0.22
19.00	0.20	13,912	152.34	0.22
19.10	0.20	13,906	152.34	0.21
19.20	0.20	13,899	152.33	0.21
19.30	0.19	13,893	152.33	0.21
19.40	0.19	13,888	152.33	0.21
19.50	0.19	13,882	152.33	0.21
19.60	0.19	13,877	152.33	0.20
19.70	0.19	13,872	152.33	0.20
19.80	0.19	13,867	152.33	0.20
19.90	0.19	13,862	152.33	0.20
20.00	0.19	13,857	152.33	0.20
20.10	0.18	13,851	152.33	0.20
20.20	0.18	13,845	152.33	0.20
20.30	0.18	13,838	152.33	0.20
20.40	0.18	13,830	152.32	0.20
20.50	0.18	13,823	152.32	0.20
20.60	0.18	13,815	152.32	0.20
20.70	0.18	13,806	152.32	0.20

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	13,798	152.32	0.20
20.90	0.17	13,788	152.32	0.20
21.00	0.17	13,778	152.32	0.20
21.10	0.17	13,768	152.32	0.20
21.20	0.17	13,758	152.31	0.20
21.30	0.17	13,747	152.31	0.20
21.40	0.17	13,735	152.31	0.20
21.50	0.17	13,724	152.31	0.20
21.60	0.17	13,711	152.31	0.20
21.70	0.16	13,699	152.31	0.20
21.80	0.16	13,686	152.30	0.20
21.90	0.16	13,672	152.30	0.20
22.00	0.16	13,659	152.30	0.20
22.10	0.16	13,644	152.30	0.20
22.20	0.16	13,630	152.30	0.20
22.30	0.16	13,615	152.29	0.20
22.40	0.16	13,599	152.29	0.20
22.50	0.15	13,583	152.29	0.20
22.60	0.15	13,567	152.29	0.20
22.70	0.15	13,551	152.29	0.20
22.80	0.15	13,534	152.28	0.20
22.90	0.15	13,516	152.28	0.20
23.00	0.15	13,498	152.28	0.20
23.10	0.15	13,480	152.28	0.20
23.20	0.15	13,461	152.27	0.20
23.30	0.14	13,442	152.27	0.20
23.40	0.14	13,423	152.27	0.20
23.50	0.14	13,403	152.26	0.20
23.60	0.14	13,383	152.26	0.20
23.70	0.14	13,362	152.26	0.20
23.80	0.14	13,341	152.26	0.20
23.90	0.14	13,320	152.25	0.20
24.00	0.14	13,299	152.25	0.20
24.10	0.12	13,279	152.25	0.20
24.20	0.03	13,235	152.24	0.20
24.30	0.01	13,172	152.23	0.19
24.40	0.00	13,104	152.22	0.19
24.50	0.00	13,034	152.21	0.19
24.60	0.00	12,965	152.20	0.19
24.70	0.00	12,895	152.19	0.19
24.80	0.00	12,827	152.18	0.19
24.90	0.00	12,758	152.17	0.19
25.00	0.00	12,689	152.16	0.19
25.10	0.00	12,621	152.15	0.19
25.20	0.00	12,553	152.14	0.19
25.30	0.00	12,485	152.13	0.19
25.40	0.00	12,418	152.12	0.19
25.50	0.00	12,351	152.11	0.19
25.60	0.00	12,284	152.10	0.19
25.70	0.00	12,217	152.09	0.18
25.80	0.00	12,151	152.08	0.18
25.90	0.00	12,085	152.07	0.18

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,019	152.06	0.18
26.10	0.00	11,953	152.05	0.18
26.20	0.00	11,887	152.05	0.18
26.30	0.00	11,822	152.04	0.18
26.40	0.00	11,757	152.03	0.18
26.50	0.00	11,693	152.02	0.18
26.60	0.00	11,628	152.01	0.18
26.70	0.00	11,564	152.00	0.18
26.80	0.00	11,500	151.99	0.18
26.90	0.00	11,437	151.98	0.18
27.00	0.00	11,373	151.97	0.18
27.10	0.00	11,310	151.96	0.17
27.20	0.00	11,247	151.95	0.17
27.30	0.00	11,185	151.94	0.17
27.40	0.00	11,123	151.93	0.17
27.50	0.00	11,061	151.92	0.17
27.60	0.00	10,999	151.91	0.17
27.70	0.00	10,937	151.90	0.17
27.80	0.00	10,876	151.89	0.17
27.90	0.00	10,815	151.89	0.17
28.00	0.00	10,754	151.88	0.17
28.10	0.00	10,694	151.87	0.17
28.20	0.00	10,633	151.86	0.17
28.30	0.00	10,573	151.85	0.17
28.40	0.00	10,514	151.84	0.17
28.50	0.00	10,454	151.83	0.16
28.60	0.00	10,395	151.82	0.16
28.70	0.00	10,336	151.81	0.16
28.80	0.00	10,278	151.80	0.16
28.90	0.00	10,219	151.80	0.16
29.00	0.00	10,161	151.79	0.16
29.10	0.00	10,103	151.78	0.16
29.20	0.00	10,046	151.77	0.16
29.30	0.00	9,989	151.76	0.16
29.40	0.00	9,931	151.75	0.16
29.50	0.00	9,875	151.74	0.16
29.60	0.00	9,818	151.73	0.16
29.70	0.00	9,762	151.73	0.16
29.80	0.00	9,706	151.72	0.16
29.90	0.00	9,650	151.71	0.15
30.00	0.00	9,595	151.70	0.15
30.10	0.00	9,540	151.69	0.15
30.20	0.00	9,485	151.68	0.15
30.30	0.00	9,430	151.67	0.15
30.40	0.00	9,376	151.67	0.15
30.50	0.00	9,322	151.66	0.15
30.60	0.00	9,268	151.65	0.15
30.70	0.00	9,215	151.64	0.15
30.80	0.00	9,161	151.63	0.15
30.90	0.00	9,108	151.62	0.15
31.00	0.00	9,056	151.62	0.15
31.10	0.00	9,003	151.61	0.15

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,951	151.60	0.14
31.30	0.00	8,899	151.59	0.14
31.40	0.00	8,848	151.58	0.14
31.50	0.00	8,796	151.57	0.14
31.60	0.00	8,745	151.57	0.14
31.70	0.00	8,694	151.56	0.14
31.80	0.00	8,644	151.55	0.14
31.90	0.00	8,594	151.54	0.14
32.00	0.00	8,544	151.54	0.14
32.10	0.00	8,494	151.53	0.14
32.20	0.00	8,445	151.52	0.14
32.30	0.00	8,395	151.51	0.14
32.40	0.00	8,347	151.50	0.14
32.50	0.00	8,298	151.50	0.13
32.60	0.00	8,250	151.49	0.13
32.70	0.00	8,202	151.48	0.13
32.80	0.00	8,154	151.47	0.13
32.90	0.00	8,107	151.47	0.13
33.00	0.00	8,059	151.46	0.13
33.10	0.00	8,013	151.45	0.13
33.20	0.00	7,966	151.44	0.13
33.30	0.00	7,920	151.44	0.13
33.40	0.00	7,874	151.43	0.13
33.50	0.00	7,828	151.42	0.13
33.60	0.00	7,782	151.41	0.13
33.70	0.00	7,737	151.41	0.13
33.80	0.00	7,692	151.40	0.12
33.90	0.00	7,648	151.39	0.12
34.00	0.00	7,603	151.38	0.12
34.10	0.00	7,559	151.38	0.12
34.20	0.00	7,515	151.37	0.12
34.30	0.00	7,472	151.36	0.12
34.40	0.00	7,429	151.36	0.12
34.50	0.00	7,386	151.35	0.12
34.60	0.00	7,343	151.34	0.12
34.70	0.00	7,301	151.33	0.12
34.80	0.00	7,259	151.33	0.12
34.90	0.00	7,217	151.32	0.12
35.00	0.00	7,175	151.31	0.11
35.10	0.00	7,134	151.31	0.11
35.20	0.00	7,093	151.30	0.11
35.30	0.00	7,053	151.29	0.11
35.40	0.00	7,012	151.29	0.11
35.50	0.00	6,972	151.28	0.11
35.60	0.00	6,933	151.27	0.11
35.70	0.00	6,893	151.27	0.11
35.80	0.00	6,854	151.26	0.11
35.90	0.00	6,815	151.25	0.11
36.00	0.00	6,776	151.25	0.11
36.10	0.00	6,738	151.24	0.11
36.20	0.00	6,700	151.24	0.11
36.30	0.00	6,662	151.23	0.10

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,625	151.22	0.10
36.50	0.00	6,588	151.22	0.10
36.60	0.00	6,551	151.21	0.10
36.70	0.00	6,514	151.20	0.10
36.80	0.00	6,478	151.20	0.10
36.90	0.00	6,442	151.19	0.10
37.00	0.00	6,406	151.19	0.10
37.10	0.00	6,371	151.18	0.10
37.20	0.00	6,336	151.17	0.10
37.30	0.00	6,301	151.17	0.10
37.40	0.00	6,266	151.16	0.10
37.50	0.00	6,232	151.16	0.09
37.60	0.00	6,198	151.15	0.09
37.70	0.00	6,165	151.15	0.09
37.80	0.00	6,131	151.14	0.09
37.90	0.00	6,098	151.13	0.09
38.00	0.00	6,066	151.13	0.09
38.10	0.00	6,033	151.12	0.09
38.20	0.00	6,001	151.12	0.09
38.30	0.00	5,969	151.11	0.09
38.40	0.00	5,937	151.11	0.09
38.50	0.00	5,906	151.10	0.09
38.60	0.00	5,875	151.10	0.09
38.70	0.00	5,845	151.09	0.08
38.80	0.00	5,814	151.09	0.08
38.90	0.00	5,784	151.08	0.08
39.00	0.00	5,754	151.08	0.08
39.10	0.00	5,725	151.07	0.08
39.20	0.00	5,696	151.07	0.08
39.30	0.00	5,667	151.06	0.08
39.40	0.00	5,638	151.06	0.08
39.50	0.00	5,610	151.05	0.08
39.60	0.00	5,582	151.05	0.08
39.70	0.00	5,554	151.04	0.08
39.80	0.00	5,527	151.04	0.08
39.90	0.00	5,500	151.03	0.07
40.00	0.00	5,473	151.03	0.07

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 3.87" for Future 10 yr event
 Inflow = 9.82 cfs @ 12.17 hrs, Volume= 0.793 af
 Outflow = 4.45 cfs @ 12.37 hrs, Volume= 0.672 af, Atten= 55%, Lag= 11.6 min
 Primary = 4.45 cfs @ 12.37 hrs, Volume= 0.672 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 149.95' @ 12.37 hrs Surf.Area= 8,950 sf Storage= 15,460 cf

Plug-Flow detention time= 362.9 min calculated for 0.672 af (85% of inflow)
 Center-of-Mass det. time= 293.1 min (1,088.8 - 795.8)

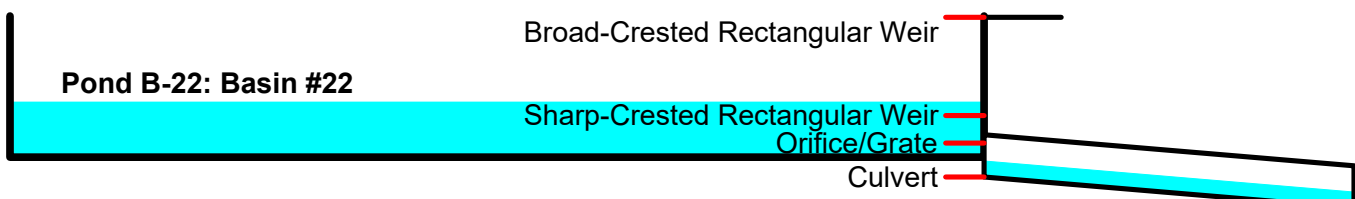
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

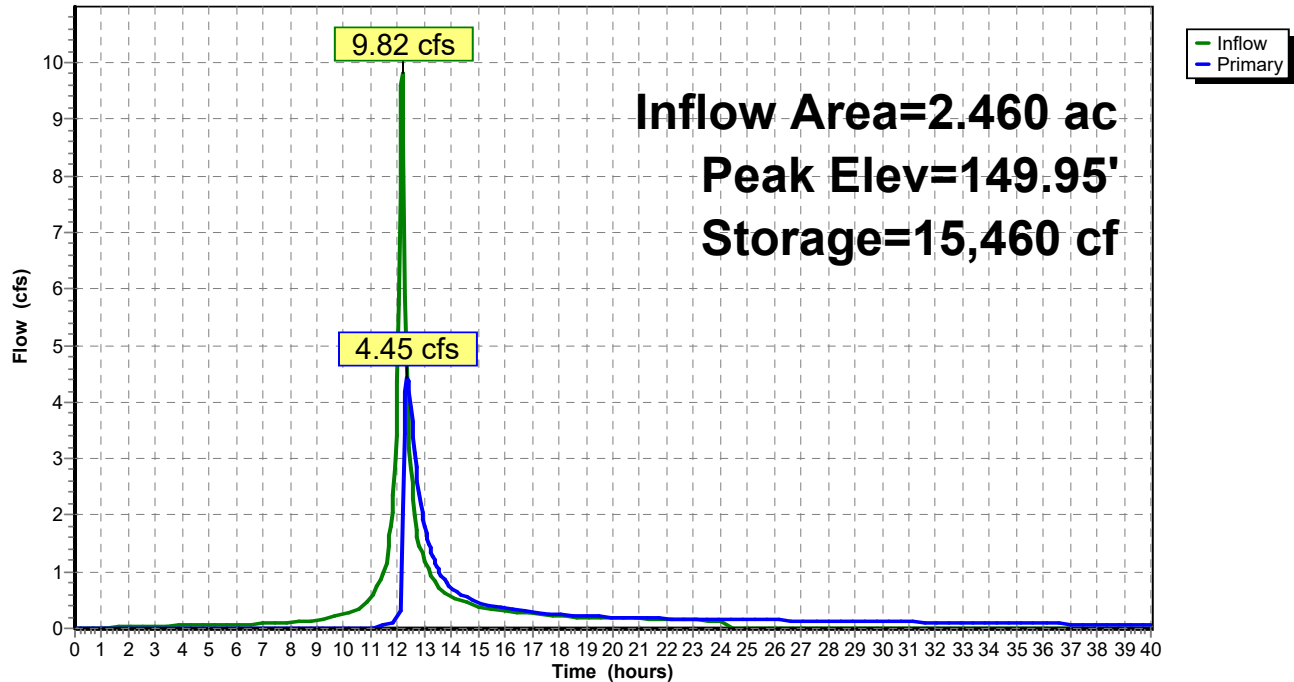
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=4.41 cfs @ 12.37 hrs HW=149.95' (Free Discharge)

- 1=Culvert (Passes 4.41 cfs of 11.72 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.58 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 4.22 cfs @ 2.26 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-22: Basin #22**Hydrograph**

Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	0	148.00	0.00
0.60	0.00	0	148.00	0.00
0.70	0.00	0	148.00	0.00
0.80	0.00	0	148.00	0.00
0.90	0.00	1	148.00	0.00
1.00	0.01	3	148.00	0.00
1.10	0.01	5	148.00	0.00
1.20	0.01	9	148.00	0.00
1.30	0.01	13	148.00	0.00
1.40	0.02	19	148.00	0.00
1.50	0.02	25	148.00	0.00
1.60	0.02	32	148.00	0.00
1.70	0.02	39	148.01	0.00
1.80	0.02	48	148.01	0.00
1.90	0.03	57	148.01	0.00
2.00	0.03	66	148.01	0.00
2.10	0.03	76	148.01	0.00
2.20	0.03	87	148.01	0.00
2.30	0.03	99	148.01	0.00
2.40	0.03	111	148.02	0.00
2.50	0.04	123	148.02	0.00
2.60	0.04	136	148.02	0.00
2.70	0.04	149	148.02	0.00
2.80	0.04	163	148.02	0.00
2.90	0.04	178	148.03	0.00
3.00	0.04	192	148.03	0.00
3.10	0.04	208	148.03	0.00
3.20	0.04	223	148.03	0.00
3.30	0.04	239	148.03	0.00
3.40	0.05	256	148.04	0.00
3.50	0.05	272	148.04	0.00
3.60	0.05	290	148.04	0.00
3.70	0.05	307	148.04	0.00
3.80	0.05	325	148.05	0.00
3.90	0.05	343	148.05	0.00
4.00	0.05	362	148.05	0.00
4.10	0.05	381	148.05	0.00
4.20	0.05	400	148.06	0.00
4.30	0.05	419	148.06	0.00
4.40	0.06	439	148.06	0.00
4.50	0.06	460	148.07	0.00
4.60	0.06	480	148.07	0.00
4.70	0.06	501	148.07	0.00
4.80	0.06	522	148.07	0.00
4.90	0.06	543	148.08	0.00
5.00	0.06	565	148.08	0.00
5.10	0.06	587	148.08	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	609	148.09	0.00
5.30	0.06	631	148.09	0.00
5.40	0.06	654	148.09	0.00
5.50	0.06	677	148.10	0.00
5.60	0.06	700	148.10	0.00
5.70	0.07	723	148.10	0.00
5.80	0.07	747	148.11	0.00
5.90	0.07	771	148.11	0.00
6.00	0.07	795	148.11	0.00
6.10	0.07	820	148.12	0.00
6.20	0.07	845	148.12	0.00
6.30	0.07	870	148.12	0.00
6.40	0.07	897	148.13	0.00
6.50	0.08	924	148.13	0.00
6.60	0.08	952	148.14	0.00
6.70	0.08	980	148.14	0.00
6.80	0.08	1,009	148.14	0.00
6.90	0.08	1,039	148.15	0.00
7.00	0.09	1,070	148.15	0.00
7.10	0.09	1,101	148.16	0.00
7.20	0.09	1,133	148.16	0.00
7.30	0.09	1,166	148.17	0.00
7.40	0.09	1,199	148.17	0.00
7.50	0.10	1,233	148.18	0.00
7.60	0.10	1,268	148.18	0.00
7.70	0.10	1,304	148.19	0.00
7.80	0.10	1,340	148.19	0.00
7.90	0.10	1,377	148.20	0.00
8.00	0.11	1,415	148.20	0.00
8.10	0.11	1,454	148.21	0.00
8.20	0.11	1,493	148.21	0.00
8.30	0.11	1,533	148.22	0.00
8.40	0.12	1,575	148.22	0.00
8.50	0.12	1,618	148.23	0.00
8.60	0.13	1,663	148.24	0.00
8.70	0.13	1,709	148.24	0.00
8.80	0.13	1,757	148.25	0.00
8.90	0.14	1,806	148.26	0.00
9.00	0.14	1,857	148.26	0.00
9.10	0.15	1,909	148.27	0.00
9.20	0.16	1,964	148.28	0.00
9.30	0.17	2,023	148.29	0.00
9.40	0.18	2,086	148.29	0.00
9.50	0.19	2,153	148.30	0.00
9.60	0.20	2,224	148.31	0.00
9.70	0.22	2,300	148.32	0.00
9.80	0.23	2,380	148.34	0.00
9.90	0.24	2,465	148.35	0.00
10.00	0.26	2,554	148.36	0.00
10.10	0.27	2,649	148.37	0.00
10.20	0.28	2,748	148.39	0.00
10.30	0.30	2,853	148.40	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	2,963	148.42	0.00
10.50	0.33	3,079	148.43	0.00
10.60	0.35	3,201	148.45	0.00
10.70	0.39	3,334	148.47	0.00
10.80	0.44	3,484	148.49	0.00
10.90	0.49	3,650	148.51	0.00
11.00	0.54	3,834	148.53	0.00
11.10	0.60	4,038	148.56	0.01
11.20	0.69	4,266	148.59	0.01
11.30	0.79	4,525	148.62	0.03
11.40	0.89	4,816	148.66	0.04
11.50	1.00	5,140	148.71	0.05
11.60	1.23	5,512	148.75	0.06
11.70	1.64	6,007	148.82	0.08
11.80	2.03	6,632	148.90	0.09
11.90	2.81	7,458	149.00	0.10
12.00	4.38	8,677	149.16	0.12
12.10	7.67	10,744	149.41	0.15
12.20	9.53	13,700	149.75	2.11
12.30	5.85	15,279	149.93	4.18
12.40	3.80	15,416	149.95	4.38
12.50	2.82	15,089	149.91	3.91
12.60	2.29	14,700	149.87	3.38
12.70	1.74	14,299	149.82	2.85
12.80	1.50	13,938	149.78	2.39
12.90	1.35	13,653	149.75	2.05
13.00	1.22	13,425	149.72	1.80
13.10	1.10	13,235	149.70	1.58
13.20	0.98	13,069	149.68	1.41
13.30	0.90	12,925	149.66	1.27
13.40	0.83	12,803	149.65	1.15
13.50	0.76	12,694	149.64	1.05
13.60	0.69	12,595	149.62	0.96
13.70	0.63	12,502	149.61	0.88
13.80	0.61	12,423	149.60	0.81
13.90	0.59	12,357	149.60	0.75
14.00	0.57	12,302	149.59	0.71
14.10	0.55	12,254	149.58	0.67
14.20	0.53	12,211	149.58	0.64
14.30	0.51	12,173	149.58	0.61
14.40	0.50	12,139	149.57	0.59
14.50	0.48	12,106	149.57	0.56
14.60	0.46	12,076	149.56	0.54
14.70	0.44	12,047	149.56	0.52
14.80	0.42	12,019	149.56	0.50
14.90	0.40	11,992	149.55	0.48
15.00	0.39	11,965	149.55	0.46
15.10	0.37	11,939	149.55	0.44
15.20	0.35	11,911	149.54	0.43
15.30	0.34	11,885	149.54	0.41
15.40	0.34	11,862	149.54	0.40
15.50	0.33	11,841	149.54	0.39

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	11,822	149.53	0.38
15.70	0.33	11,805	149.53	0.37
15.80	0.32	11,789	149.53	0.36
15.90	0.32	11,775	149.53	0.35
16.00	0.31	11,761	149.53	0.35
16.10	0.31	11,749	149.53	0.34
16.20	0.30	11,737	149.52	0.33
16.30	0.30	11,725	149.52	0.33
16.40	0.29	11,715	149.52	0.32
16.50	0.29	11,704	149.52	0.32
16.60	0.28	11,694	149.52	0.31
16.70	0.28	11,684	149.52	0.30
16.80	0.27	11,674	149.52	0.30
16.90	0.27	11,664	149.52	0.29
17.00	0.26	11,655	149.51	0.29
17.10	0.26	11,645	149.51	0.28
17.20	0.25	11,636	149.51	0.28
17.30	0.25	11,627	149.51	0.27
17.40	0.24	11,617	149.51	0.27
17.50	0.24	11,608	149.51	0.26
17.60	0.23	11,599	149.51	0.26
17.70	0.23	11,590	149.51	0.25
17.80	0.22	11,581	149.51	0.25
17.90	0.22	11,572	149.50	0.24
18.00	0.21	11,563	149.50	0.24
18.10	0.21	11,553	149.50	0.23
18.20	0.20	11,544	149.50	0.23
18.30	0.20	11,536	149.50	0.22
18.40	0.20	11,528	149.50	0.22
18.50	0.20	11,521	149.50	0.22
18.60	0.20	11,514	149.50	0.22
18.70	0.20	11,507	149.50	0.22
18.80	0.20	11,501	149.50	0.21
18.90	0.19	11,494	149.50	0.21
19.00	0.19	11,488	149.49	0.21
19.10	0.19	11,482	149.49	0.21
19.20	0.19	11,476	149.49	0.21
19.30	0.19	11,471	149.49	0.21
19.40	0.19	11,465	149.49	0.20
19.50	0.19	11,460	149.49	0.20
19.60	0.19	11,454	149.49	0.20
19.70	0.19	11,449	149.49	0.20
19.80	0.18	11,444	149.49	0.20
19.90	0.18	11,439	149.49	0.20
20.00	0.18	11,434	149.49	0.20
20.10	0.18	11,429	149.49	0.19
20.20	0.18	11,424	149.49	0.19
20.30	0.18	11,420	149.49	0.19
20.40	0.18	11,415	149.49	0.19
20.50	0.18	11,410	149.49	0.19
20.60	0.17	11,405	149.48	0.19
20.70	0.17	11,401	149.48	0.19

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	11,396	149.48	0.18
20.90	0.17	11,391	149.48	0.18
21.00	0.17	11,387	149.48	0.18
21.10	0.17	11,382	149.48	0.18
21.20	0.17	11,377	149.48	0.18
21.30	0.17	11,373	149.48	0.18
21.40	0.16	11,368	149.48	0.18
21.50	0.16	11,364	149.48	0.18
21.60	0.16	11,359	149.48	0.17
21.70	0.16	11,355	149.48	0.17
21.80	0.16	11,350	149.48	0.17
21.90	0.16	11,346	149.48	0.17
22.00	0.16	11,341	149.48	0.17
22.10	0.16	11,337	149.48	0.17
22.20	0.15	11,332	149.48	0.17
22.30	0.15	11,328	149.48	0.17
22.40	0.15	11,324	149.48	0.16
22.50	0.15	11,319	149.47	0.16
22.60	0.15	11,314	149.47	0.16
22.70	0.15	11,310	149.47	0.16
22.80	0.15	11,306	149.47	0.16
22.90	0.15	11,301	149.47	0.16
23.00	0.14	11,297	149.47	0.16
23.10	0.14	11,292	149.47	0.16
23.20	0.14	11,288	149.47	0.15
23.30	0.14	11,283	149.47	0.15
23.40	0.14	11,279	149.47	0.15
23.50	0.14	11,274	149.47	0.15
23.60	0.14	11,269	149.47	0.15
23.70	0.14	11,263	149.47	0.15
23.80	0.14	11,257	149.47	0.15
23.90	0.13	11,250	149.47	0.15
24.00	0.14	11,244	149.47	0.15
24.10	0.12	11,238	149.46	0.15
24.20	0.03	11,210	149.46	0.15
24.30	0.01	11,162	149.46	0.15
24.40	0.00	11,109	149.45	0.15
24.50	0.00	11,055	149.44	0.15
24.60	0.00	11,001	149.44	0.15
24.70	0.00	10,947	149.43	0.15
24.80	0.00	10,894	149.42	0.15
24.90	0.00	10,840	149.42	0.15
25.00	0.00	10,787	149.41	0.15
25.10	0.00	10,734	149.40	0.15
25.20	0.00	10,681	149.40	0.15
25.30	0.00	10,629	149.39	0.15
25.40	0.00	10,576	149.39	0.15
25.50	0.00	10,524	149.38	0.14
25.60	0.00	10,472	149.37	0.14
25.70	0.00	10,421	149.37	0.14
25.80	0.00	10,369	149.36	0.14
25.90	0.00	10,318	149.36	0.14

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,267	149.35	0.14
26.10	0.00	10,216	149.34	0.14
26.20	0.00	10,165	149.34	0.14
26.30	0.00	10,115	149.33	0.14
26.40	0.00	10,065	149.32	0.14
26.50	0.00	10,014	149.32	0.14
26.60	0.00	9,965	149.31	0.14
26.70	0.00	9,915	149.31	0.14
26.80	0.00	9,866	149.30	0.14
26.90	0.00	9,816	149.29	0.14
27.00	0.00	9,767	149.29	0.14
27.10	0.00	9,719	149.28	0.14
27.20	0.00	9,670	149.28	0.13
27.30	0.00	9,622	149.27	0.13
27.40	0.00	9,574	149.27	0.13
27.50	0.00	9,526	149.26	0.13
27.60	0.00	9,478	149.25	0.13
27.70	0.00	9,430	149.25	0.13
27.80	0.00	9,383	149.24	0.13
27.90	0.00	9,336	149.24	0.13
28.00	0.00	9,289	149.23	0.13
28.10	0.00	9,243	149.22	0.13
28.20	0.00	9,196	149.22	0.13
28.30	0.00	9,150	149.21	0.13
28.40	0.00	9,104	149.21	0.13
28.50	0.00	9,058	149.20	0.13
28.60	0.00	9,013	149.20	0.13
28.70	0.00	8,967	149.19	0.13
28.80	0.00	8,922	149.19	0.13
28.90	0.00	8,877	149.18	0.12
29.00	0.00	8,832	149.17	0.12
29.10	0.00	8,788	149.17	0.12
29.20	0.00	8,744	149.16	0.12
29.30	0.00	8,700	149.16	0.12
29.40	0.00	8,656	149.15	0.12
29.50	0.00	8,612	149.15	0.12
29.60	0.00	8,569	149.14	0.12
29.70	0.00	8,525	149.14	0.12
29.80	0.00	8,482	149.13	0.12
29.90	0.00	8,440	149.13	0.12
30.00	0.00	8,397	149.12	0.12
30.10	0.00	8,355	149.12	0.12
30.20	0.00	8,313	149.11	0.12
30.30	0.00	8,271	149.10	0.12
30.40	0.00	8,229	149.10	0.12
30.50	0.00	8,188	149.09	0.11
30.60	0.00	8,146	149.09	0.11
30.70	0.00	8,105	149.08	0.11
30.80	0.00	8,064	149.08	0.11
30.90	0.00	8,024	149.07	0.11
31.00	0.00	7,983	149.07	0.11
31.10	0.00	7,943	149.06	0.11

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,903	149.06	0.11
31.30	0.00	7,864	149.05	0.11
31.40	0.00	7,824	149.05	0.11
31.50	0.00	7,785	149.04	0.11
31.60	0.00	7,746	149.04	0.11
31.70	0.00	7,707	149.03	0.11
31.80	0.00	7,668	149.03	0.11
31.90	0.00	7,630	149.02	0.11
32.00	0.00	7,592	149.02	0.11
32.10	0.00	7,554	149.02	0.11
32.20	0.00	7,516	149.01	0.10
32.30	0.00	7,478	149.01	0.10
32.40	0.00	7,441	149.00	0.10
32.50	0.00	7,404	149.00	0.10
32.60	0.00	7,367	148.99	0.10
32.70	0.00	7,330	148.99	0.10
32.80	0.00	7,294	148.98	0.10
32.90	0.00	7,258	148.98	0.10
33.00	0.00	7,222	148.97	0.10
33.10	0.00	7,186	148.97	0.10
33.20	0.00	7,150	148.96	0.10
33.30	0.00	7,115	148.96	0.10
33.40	0.00	7,080	148.96	0.10
33.50	0.00	7,045	148.95	0.10
33.60	0.00	7,010	148.95	0.10
33.70	0.00	6,976	148.94	0.10
33.80	0.00	6,942	148.94	0.09
33.90	0.00	6,908	148.93	0.09
34.00	0.00	6,874	148.93	0.09
34.10	0.00	6,840	148.92	0.09
34.20	0.00	6,807	148.92	0.09
34.30	0.00	6,774	148.92	0.09
34.40	0.00	6,741	148.91	0.09
34.50	0.00	6,708	148.91	0.09
34.60	0.00	6,676	148.90	0.09
34.70	0.00	6,644	148.90	0.09
34.80	0.00	6,612	148.90	0.09
34.90	0.00	6,580	148.89	0.09
35.00	0.00	6,548	148.89	0.09
35.10	0.00	6,517	148.88	0.09
35.20	0.00	6,486	148.88	0.09
35.30	0.00	6,455	148.88	0.09
35.40	0.00	6,424	148.87	0.08
35.50	0.00	6,394	148.87	0.08
35.60	0.00	6,364	148.86	0.08
35.70	0.00	6,334	148.86	0.08
35.80	0.00	6,304	148.86	0.08
35.90	0.00	6,274	148.85	0.08
36.00	0.00	6,245	148.85	0.08
36.10	0.00	6,216	148.85	0.08
36.20	0.00	6,187	148.84	0.08
36.30	0.00	6,158	148.84	0.08

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,130	148.83	0.08
36.50	0.00	6,102	148.83	0.08
36.60	0.00	6,074	148.83	0.08
36.70	0.00	6,046	148.82	0.08
36.80	0.00	6,019	148.82	0.08
36.90	0.00	5,991	148.82	0.08
37.00	0.00	5,964	148.81	0.07
37.10	0.00	5,937	148.81	0.07
37.20	0.00	5,911	148.81	0.07
37.30	0.00	5,884	148.80	0.07
37.40	0.00	5,858	148.80	0.07
37.50	0.00	5,832	148.80	0.07
37.60	0.00	5,806	148.79	0.07
37.70	0.00	5,781	148.79	0.07
37.80	0.00	5,756	148.79	0.07
37.90	0.00	5,731	148.78	0.07
38.00	0.00	5,706	148.78	0.07
38.10	0.00	5,681	148.78	0.07
38.20	0.00	5,657	148.77	0.07
38.30	0.00	5,633	148.77	0.07
38.40	0.00	5,609	148.77	0.07
38.50	0.00	5,585	148.76	0.07
38.60	0.00	5,562	148.76	0.06
38.70	0.00	5,539	148.76	0.06
38.80	0.00	5,516	148.75	0.06
38.90	0.00	5,493	148.75	0.06
39.00	0.00	5,470	148.75	0.06
39.10	0.00	5,448	148.75	0.06
39.20	0.00	5,426	148.74	0.06
39.30	0.00	5,404	148.74	0.06
39.40	0.00	5,382	148.74	0.06
39.50	0.00	5,361	148.73	0.06
39.60	0.00	5,340	148.73	0.06
39.70	0.00	5,319	148.73	0.06
39.80	0.00	5,298	148.73	0.06
39.90	0.00	5,278	148.72	0.06
40.00	0.00	5,257	148.72	0.06

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 3.88" for Future 10 yr event
 Inflow = 9.80 cfs @ 12.17 hrs, Volume= 0.792 af
 Outflow = 5.84 cfs @ 12.31 hrs, Volume= 0.704 af, Atten= 40%, Lag= 8.2 min
 Primary = 5.84 cfs @ 12.31 hrs, Volume= 0.704 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.06' @ 12.31 hrs Surf.Area= 7,669 sf Storage= 13,558 cf

Plug-Flow detention time= 228.8 min calculated for 0.704 af (89% of inflow)
 Center-of-Mass det. time= 174.2 min (969.5 - 795.3)

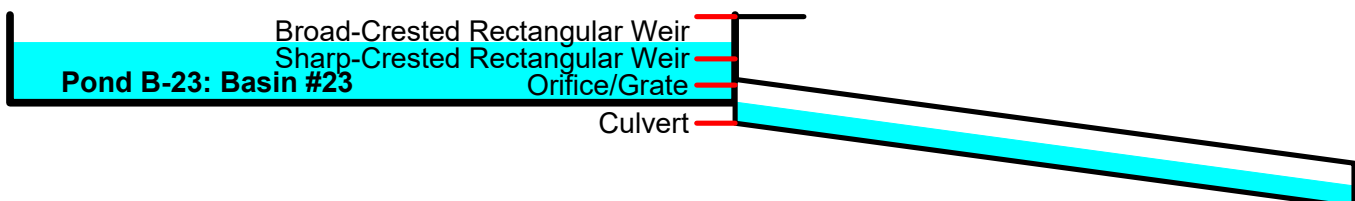
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

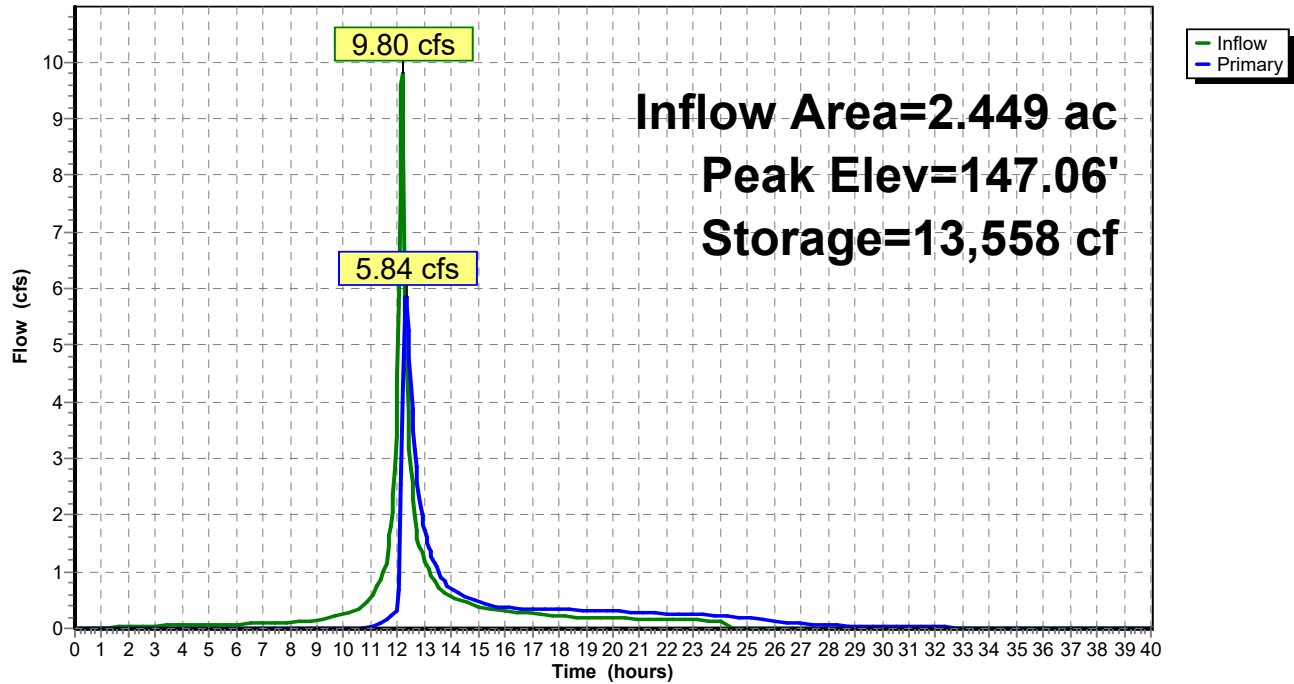
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.80 cfs @ 12.31 hrs HW=147.06' (Free Discharge)

1=Culvert (Passes 5.80 cfs of 12.06 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.48 cfs @ 5.45 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 5.32 cfs @ 2.45 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23**Hydrograph**

Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	0	145.00	0.00
0.60	0.00	0	145.00	0.00
0.70	0.00	0	145.00	0.00
0.80	0.00	0	145.00	0.00
0.90	0.00	1	145.00	0.00
1.00	0.01	3	145.00	0.00
1.10	0.01	5	145.00	0.00
1.20	0.01	9	145.00	0.00
1.30	0.01	13	145.00	0.00
1.40	0.02	19	145.00	0.00
1.50	0.02	25	145.00	0.00
1.60	0.02	32	145.01	0.00
1.70	0.02	40	145.01	0.00
1.80	0.02	48	145.01	0.00
1.90	0.03	57	145.01	0.00
2.00	0.03	67	145.01	0.00
2.10	0.03	77	145.01	0.00
2.20	0.03	88	145.02	0.00
2.30	0.03	100	145.02	0.00
2.40	0.03	112	145.02	0.00
2.50	0.04	124	145.02	0.00
2.60	0.04	137	145.02	0.00
2.70	0.04	151	145.03	0.00
2.80	0.04	165	145.03	0.00
2.90	0.04	180	145.03	0.00
3.00	0.04	195	145.04	0.00
3.10	0.04	210	145.04	0.00
3.20	0.04	226	145.04	0.00
3.30	0.05	242	145.04	0.00
3.40	0.05	258	145.05	0.00
3.50	0.05	275	145.05	0.00
3.60	0.05	293	145.05	0.00
3.70	0.05	311	145.06	0.00
3.80	0.05	329	145.06	0.00
3.90	0.05	347	145.06	0.00
4.00	0.05	366	145.07	0.00
4.10	0.05	385	145.07	0.00
4.20	0.05	404	145.07	0.00
4.30	0.06	424	145.08	0.00
4.40	0.06	444	145.08	0.00
4.50	0.06	465	145.08	0.00
4.60	0.06	485	145.09	0.00
4.70	0.06	506	145.09	0.00
4.80	0.06	528	145.09	0.00
4.90	0.06	549	145.10	0.00
5.00	0.06	571	145.10	0.00
5.10	0.06	593	145.11	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	615	145.11	0.00
5.30	0.06	638	145.11	0.00
5.40	0.06	661	145.12	0.00
5.50	0.06	684	145.12	0.00
5.60	0.07	708	145.13	0.00
5.70	0.07	731	145.13	0.00
5.80	0.07	755	145.14	0.00
5.90	0.07	780	145.14	0.00
6.00	0.07	804	145.14	0.00
6.10	0.07	829	145.15	0.00
6.20	0.07	854	145.15	0.00
6.30	0.07	880	145.16	0.00
6.40	0.07	907	145.16	0.00
6.50	0.08	934	145.17	0.00
6.60	0.08	962	145.17	0.00
6.70	0.08	991	145.18	0.00
6.80	0.08	1,020	145.18	0.00
6.90	0.08	1,051	145.19	0.00
7.00	0.09	1,082	145.19	0.00
7.10	0.09	1,113	145.20	0.00
7.20	0.09	1,146	145.20	0.00
7.30	0.09	1,179	145.21	0.00
7.40	0.09	1,212	145.22	0.00
7.50	0.10	1,247	145.22	0.00
7.60	0.10	1,282	145.23	0.00
7.70	0.10	1,318	145.23	0.00
7.80	0.10	1,355	145.24	0.00
7.90	0.10	1,392	145.25	0.00
8.00	0.11	1,431	145.25	0.00
8.10	0.11	1,470	145.26	0.00
8.20	0.11	1,509	145.27	0.00
8.30	0.12	1,550	145.27	0.00
8.40	0.12	1,592	145.28	0.00
8.50	0.12	1,636	145.29	0.00
8.60	0.13	1,681	145.30	0.00
8.70	0.13	1,728	145.30	0.00
8.80	0.14	1,776	145.31	0.00
8.90	0.14	1,825	145.32	0.00
9.00	0.14	1,877	145.33	0.00
9.10	0.15	1,930	145.34	0.00
9.20	0.16	1,985	145.35	0.00
9.30	0.17	2,045	145.36	0.00
9.40	0.18	2,108	145.37	0.00
9.50	0.19	2,175	145.38	0.00
9.60	0.21	2,247	145.39	0.00
9.70	0.22	2,323	145.41	0.00
9.80	0.23	2,404	145.42	0.00
9.90	0.24	2,489	145.43	0.00
10.00	0.26	2,579	145.45	0.00
10.10	0.27	2,674	145.47	0.00
10.20	0.28	2,774	145.48	0.00
10.30	0.30	2,879	145.50	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	2,990	145.52	0.00
10.50	0.33	3,106	145.54	0.00
10.60	0.35	3,228	145.56	0.00
10.70	0.39	3,362	145.58	0.00
10.80	0.44	3,512	145.60	0.00
10.90	0.49	3,679	145.63	0.00
11.00	0.54	3,863	145.66	0.01
11.10	0.60	4,064	145.69	0.02
11.20	0.69	4,288	145.73	0.03
11.30	0.79	4,539	145.77	0.06
11.40	0.90	4,817	145.81	0.09
11.50	1.00	5,121	145.86	0.12
11.60	1.23	5,465	145.91	0.16
11.70	1.64	5,922	145.99	0.19
11.80	2.03	6,502	146.07	0.23
11.90	2.81	7,272	146.19	0.27
12.00	4.37	8,425	146.36	0.32
12.10	7.66	10,354	146.63	1.01
12.20	9.51	12,690	146.95	4.29
12.30	5.84	13,553	147.06	5.83
12.40	3.79	13,238	147.02	5.25
12.50	2.81	12,690	146.95	4.29
12.60	2.29	12,212	146.88	3.50
12.70	1.73	11,788	146.83	2.84
12.80	1.50	11,437	146.78	2.33
12.90	1.35	11,175	146.74	1.98
13.00	1.22	10,974	146.72	1.72
13.10	1.09	10,810	146.69	1.51
13.20	0.98	10,668	146.67	1.35
13.30	0.90	10,545	146.66	1.21
13.40	0.83	10,441	146.64	1.10
13.50	0.76	10,348	146.63	1.00
13.60	0.69	10,263	146.62	0.92
13.70	0.63	10,183	146.61	0.85
13.80	0.60	10,113	146.60	0.78
13.90	0.58	10,055	146.59	0.73
14.00	0.57	10,006	146.58	0.69
14.10	0.55	9,964	146.58	0.66
14.20	0.53	9,926	146.57	0.63
14.30	0.51	9,892	146.57	0.60
14.40	0.49	9,861	146.56	0.58
14.50	0.48	9,831	146.56	0.56
14.60	0.46	9,802	146.55	0.54
14.70	0.44	9,773	146.55	0.52
14.80	0.42	9,744	146.55	0.50
14.90	0.40	9,714	146.54	0.48
15.00	0.38	9,685	146.54	0.47
15.10	0.37	9,656	146.53	0.45
15.20	0.35	9,626	146.53	0.43
15.30	0.34	9,598	146.53	0.42
15.40	0.34	9,571	146.52	0.41
15.50	0.33	9,545	146.52	0.40

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	9,521	146.51	0.39
15.70	0.32	9,498	146.51	0.39
15.80	0.32	9,476	146.51	0.38
15.90	0.31	9,455	146.51	0.37
16.00	0.31	9,435	146.50	0.36
16.10	0.30	9,416	146.50	0.36
16.20	0.30	9,397	146.50	0.36
16.30	0.30	9,376	146.49	0.36
16.40	0.29	9,353	146.49	0.36
16.50	0.29	9,329	146.49	0.35
16.60	0.28	9,304	146.48	0.35
16.70	0.28	9,277	146.48	0.35
16.80	0.27	9,249	146.48	0.35
16.90	0.27	9,219	146.47	0.35
17.00	0.26	9,188	146.47	0.35
17.10	0.26	9,156	146.46	0.35
17.20	0.25	9,123	146.46	0.35
17.30	0.25	9,088	146.45	0.35
17.40	0.24	9,052	146.45	0.34
17.50	0.24	9,014	146.44	0.34
17.60	0.23	8,975	146.44	0.34
17.70	0.23	8,935	146.43	0.34
17.80	0.22	8,894	146.43	0.34
17.90	0.22	8,852	146.42	0.34
18.00	0.21	8,808	146.41	0.34
18.10	0.21	8,764	146.41	0.33
18.20	0.20	8,718	146.40	0.33
18.30	0.20	8,672	146.39	0.33
18.40	0.20	8,625	146.39	0.33
18.50	0.20	8,579	146.38	0.33
18.60	0.20	8,534	146.37	0.32
18.70	0.20	8,488	146.37	0.32
18.80	0.20	8,443	146.36	0.32
18.90	0.19	8,398	146.35	0.32
19.00	0.19	8,353	146.35	0.32
19.10	0.19	8,308	146.34	0.32
19.20	0.19	8,263	146.33	0.31
19.30	0.19	8,219	146.33	0.31
19.40	0.19	8,175	146.32	0.31
19.50	0.19	8,131	146.32	0.31
19.60	0.19	8,088	146.31	0.31
19.70	0.18	8,044	146.30	0.30
19.80	0.18	8,001	146.30	0.30
19.90	0.18	7,958	146.29	0.30
20.00	0.18	7,916	146.28	0.30
20.10	0.18	7,873	146.28	0.30
20.20	0.18	7,831	146.27	0.30
20.30	0.18	7,789	146.27	0.29
20.40	0.18	7,747	146.26	0.29
20.50	0.17	7,706	146.25	0.29
20.60	0.17	7,664	146.25	0.29
20.70	0.17	7,623	146.24	0.29

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	7,583	146.23	0.28
20.90	0.17	7,542	146.23	0.28
21.00	0.17	7,501	146.22	0.28
21.10	0.17	7,461	146.22	0.28
21.20	0.17	7,421	146.21	0.28
21.30	0.17	7,382	146.21	0.28
21.40	0.16	7,342	146.20	0.27
21.50	0.16	7,303	146.19	0.27
21.60	0.16	7,264	146.19	0.27
21.70	0.16	7,225	146.18	0.27
21.80	0.16	7,187	146.18	0.27
21.90	0.16	7,149	146.17	0.26
22.00	0.16	7,111	146.16	0.26
22.10	0.16	7,073	146.16	0.26
22.20	0.15	7,035	146.15	0.26
22.30	0.15	6,998	146.15	0.26
22.40	0.15	6,961	146.14	0.25
22.50	0.15	6,924	146.14	0.25
22.60	0.15	6,888	146.13	0.25
22.70	0.15	6,852	146.13	0.25
22.80	0.15	6,816	146.12	0.25
22.90	0.15	6,780	146.12	0.24
23.00	0.14	6,744	146.11	0.24
23.10	0.14	6,709	146.10	0.24
23.20	0.14	6,674	146.10	0.24
23.30	0.14	6,639	146.09	0.24
23.40	0.14	6,605	146.09	0.23
23.50	0.14	6,570	146.08	0.23
23.60	0.14	6,537	146.08	0.23
23.70	0.14	6,503	146.07	0.23
23.80	0.13	6,469	146.07	0.23
23.90	0.13	6,436	146.06	0.22
24.00	0.14	6,404	146.06	0.22
24.10	0.12	6,373	146.05	0.22
24.20	0.03	6,320	146.05	0.22
24.30	0.01	6,249	146.04	0.21
24.40	0.00	6,175	146.02	0.21
24.50	0.00	6,101	146.01	0.20
24.60	0.00	6,028	146.00	0.20
24.70	0.00	5,957	145.99	0.19
24.80	0.00	5,888	145.98	0.19
24.90	0.00	5,821	145.97	0.18
25.00	0.00	5,756	145.96	0.18
25.10	0.00	5,692	145.95	0.18
25.20	0.00	5,629	145.94	0.17
25.30	0.00	5,569	145.93	0.17
25.40	0.00	5,510	145.92	0.16
25.50	0.00	5,453	145.91	0.16
25.60	0.00	5,398	145.90	0.15
25.70	0.00	5,345	145.90	0.14
25.80	0.00	5,294	145.89	0.14
25.90	0.00	5,245	145.88	0.13

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,197	145.87	0.13
26.10	0.00	5,152	145.87	0.12
26.20	0.00	5,108	145.86	0.12
26.30	0.00	5,067	145.85	0.11
26.40	0.00	5,026	145.85	0.11
26.50	0.00	4,988	145.84	0.10
26.60	0.00	4,951	145.83	0.10
26.70	0.00	4,915	145.83	0.10
26.80	0.00	4,881	145.82	0.09
26.90	0.00	4,849	145.82	0.09
27.00	0.00	4,817	145.81	0.09
27.10	0.00	4,787	145.81	0.08
27.20	0.00	4,758	145.80	0.08
27.30	0.00	4,730	145.80	0.08
27.40	0.00	4,703	145.80	0.07
27.50	0.00	4,678	145.79	0.07
27.60	0.00	4,653	145.79	0.07
27.70	0.00	4,629	145.78	0.07
27.80	0.00	4,606	145.78	0.06
27.90	0.00	4,584	145.78	0.06
28.00	0.00	4,562	145.77	0.06
28.10	0.00	4,542	145.77	0.06
28.20	0.00	4,522	145.77	0.05
28.30	0.00	4,503	145.76	0.05
28.40	0.00	4,484	145.76	0.05
28.50	0.00	4,466	145.76	0.05
28.60	0.00	4,449	145.75	0.05
28.70	0.00	4,432	145.75	0.05
28.80	0.00	4,416	145.75	0.04
28.90	0.00	4,400	145.75	0.04
29.00	0.00	4,385	145.74	0.04
29.10	0.00	4,371	145.74	0.04
29.20	0.00	4,356	145.74	0.04
29.30	0.00	4,343	145.74	0.04
29.40	0.00	4,329	145.74	0.04
29.50	0.00	4,316	145.73	0.04
29.60	0.00	4,304	145.73	0.03
29.70	0.00	4,291	145.73	0.03
29.80	0.00	4,280	145.73	0.03
29.90	0.00	4,268	145.73	0.03
30.00	0.00	4,257	145.72	0.03
30.10	0.00	4,246	145.72	0.03
30.20	0.00	4,236	145.72	0.03
30.30	0.00	4,225	145.72	0.03
30.40	0.00	4,215	145.72	0.03
30.50	0.00	4,206	145.72	0.03
30.60	0.00	4,196	145.71	0.03
30.70	0.00	4,187	145.71	0.03
30.80	0.00	4,178	145.71	0.02
30.90	0.00	4,169	145.71	0.02
31.00	0.00	4,161	145.71	0.02
31.10	0.00	4,152	145.71	0.02

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,144	145.71	0.02
31.30	0.00	4,136	145.70	0.02
31.40	0.00	4,129	145.70	0.02
31.50	0.00	4,121	145.70	0.02
31.60	0.00	4,114	145.70	0.02
31.70	0.00	4,106	145.70	0.02
31.80	0.00	4,099	145.70	0.02
31.90	0.00	4,093	145.70	0.02
32.00	0.00	4,086	145.70	0.02
32.10	0.00	4,079	145.70	0.02
32.20	0.00	4,073	145.69	0.02
32.30	0.00	4,067	145.69	0.02
32.40	0.00	4,061	145.69	0.02
32.50	0.00	4,055	145.69	0.02
32.60	0.00	4,049	145.69	0.02
32.70	0.00	4,043	145.69	0.02
32.80	0.00	4,038	145.69	0.02
32.90	0.00	4,033	145.69	0.01
33.00	0.00	4,027	145.69	0.01
33.10	0.00	4,022	145.69	0.01
33.20	0.00	4,017	145.69	0.01
33.30	0.00	4,012	145.68	0.01
33.40	0.00	4,007	145.68	0.01
33.50	0.00	4,002	145.68	0.01
33.60	0.00	3,997	145.68	0.01
33.70	0.00	3,993	145.68	0.01
33.80	0.00	3,988	145.68	0.01
33.90	0.00	3,983	145.68	0.01
34.00	0.00	3,979	145.68	0.01
34.10	0.00	3,975	145.68	0.01
34.20	0.00	3,970	145.68	0.01
34.30	0.00	3,966	145.68	0.01
34.40	0.00	3,962	145.68	0.01
34.50	0.00	3,958	145.68	0.01
34.60	0.00	3,954	145.68	0.01
34.70	0.00	3,950	145.67	0.01
34.80	0.00	3,946	145.67	0.01
34.90	0.00	3,942	145.67	0.01
35.00	0.00	3,939	145.67	0.01
35.10	0.00	3,935	145.67	0.01
35.20	0.00	3,932	145.67	0.01
35.30	0.00	3,928	145.67	0.01
35.40	0.00	3,925	145.67	0.01
35.50	0.00	3,921	145.67	0.01
35.60	0.00	3,918	145.67	0.01
35.70	0.00	3,915	145.67	0.01
35.80	0.00	3,911	145.67	0.01
35.90	0.00	3,908	145.67	0.01
36.00	0.00	3,905	145.67	0.01
36.10	0.00	3,902	145.67	0.01
36.20	0.00	3,899	145.67	0.01
36.30	0.00	3,896	145.67	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,893	145.67	0.01
36.50	0.00	3,890	145.67	0.01
36.60	0.00	3,888	145.66	0.01
36.70	0.00	3,885	145.66	0.01
36.80	0.00	3,882	145.66	0.01
36.90	0.00	3,879	145.66	0.01
37.00	0.00	3,877	145.66	0.01
37.10	0.00	3,874	145.66	0.01
37.20	0.00	3,872	145.66	0.01
37.30	0.00	3,869	145.66	0.01
37.40	0.00	3,867	145.66	0.01
37.50	0.00	3,865	145.66	0.01
37.60	0.00	3,862	145.66	0.01
37.70	0.00	3,860	145.66	0.01
37.80	0.00	3,858	145.66	0.01
37.90	0.00	3,856	145.66	0.01
38.00	0.00	3,853	145.66	0.01
38.10	0.00	3,851	145.66	0.01
38.20	0.00	3,849	145.66	0.01
38.30	0.00	3,847	145.66	0.01
38.40	0.00	3,845	145.66	0.01
38.50	0.00	3,843	145.66	0.01
38.60	0.00	3,841	145.66	0.01
38.70	0.00	3,838	145.66	0.01
38.80	0.00	3,836	145.66	0.01
38.90	0.00	3,834	145.66	0.01
39.00	0.00	3,832	145.66	0.01
39.10	0.00	3,830	145.66	0.01
39.20	0.00	3,829	145.66	0.01
39.30	0.00	3,827	145.65	0.01
39.40	0.00	3,825	145.65	0.01
39.50	0.00	3,823	145.65	0.01
39.60	0.00	3,821	145.65	0.01
39.70	0.00	3,819	145.65	0.01
39.80	0.00	3,817	145.65	0.01
39.90	0.00	3,815	145.65	0.01
40.00	0.00	3,814	145.65	0.00

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 3.98" for Future 10 yr event
 Inflow = 9.82 cfs @ 12.17 hrs, Volume= 0.799 af
 Outflow = 3.10 cfs @ 12.47 hrs, Volume= 0.700 af, Atten= 68%, Lag= 17.6 min
 Primary = 3.10 cfs @ 12.47 hrs, Volume= 0.700 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.83' @ 12.47 hrs Surf.Area= 10,222 sf Storage= 16,920 cf

Plug-Flow detention time= 278.6 min calculated for 0.699 af (88% of inflow)
 Center-of-Mass det. time= 219.5 min (1,011.0 - 791.6)

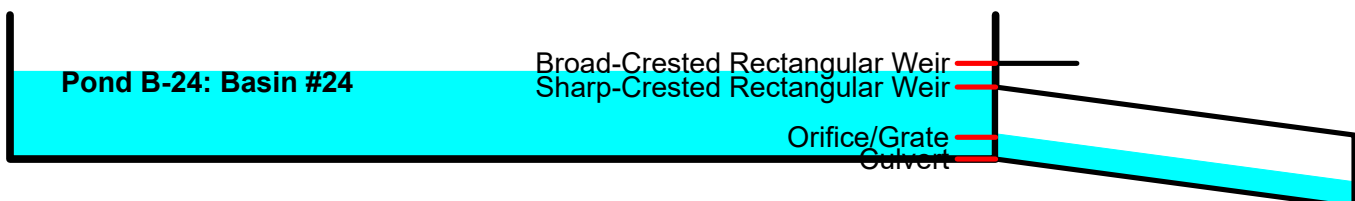
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

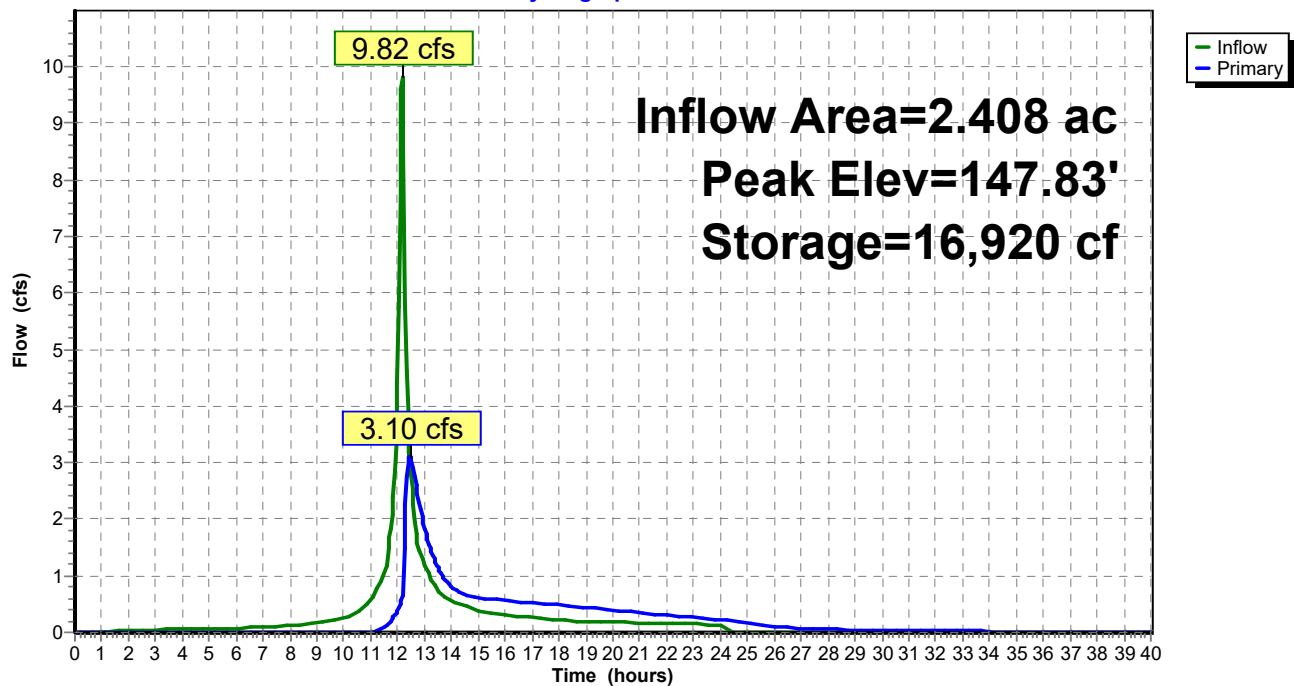
Primary OutFlow Max=3.09 cfs @ 12.47 hrs HW=147.82' (Free Discharge)

1=Culvert (Passes 3.09 cfs of 8.82 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.71 cfs @ 5.20 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 2.38 cfs @ 1.86 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	0	146.00	0.00
0.60	0.00	0	146.00	0.00
0.70	0.00	0	146.00	0.00
0.80	0.00	0	146.00	0.00
0.90	0.00	1	146.00	0.00
1.00	0.01	3	146.00	0.00
1.10	0.01	6	146.00	0.00
1.20	0.01	10	146.00	0.00
1.30	0.02	15	146.00	0.00
1.40	0.02	21	146.00	0.00
1.50	0.02	27	146.00	0.00
1.60	0.02	35	146.00	0.00
1.70	0.02	44	146.01	0.00
1.80	0.03	53	146.01	0.00
1.90	0.03	63	146.01	0.00
2.00	0.03	73	146.01	0.00
2.10	0.03	85	146.01	0.00
2.20	0.03	97	146.01	0.00
2.30	0.04	109	146.01	0.00
2.40	0.04	123	146.01	0.00
2.50	0.04	137	146.02	0.00
2.60	0.04	151	146.02	0.00
2.70	0.04	166	146.02	0.00
2.80	0.04	181	146.02	0.00
2.90	0.05	197	146.02	0.00
3.00	0.05	214	146.03	0.00
3.10	0.05	230	146.03	0.00
3.20	0.05	248	146.03	0.00
3.30	0.05	265	146.03	0.00
3.40	0.05	284	146.03	0.00
3.50	0.05	302	146.04	0.00
3.60	0.05	321	146.04	0.00
3.70	0.05	341	146.04	0.00
3.80	0.06	361	146.04	0.00
3.90	0.06	381	146.05	0.00
4.00	0.06	401	146.05	0.00
4.10	0.06	422	146.05	0.00
4.20	0.06	444	146.05	0.00
4.30	0.06	465	146.06	0.00
4.40	0.06	487	146.06	0.00
4.50	0.06	510	146.06	0.00
4.60	0.06	532	146.06	0.00
4.70	0.06	556	146.07	0.00
4.80	0.07	579	146.07	0.00
4.90	0.07	602	146.07	0.00
5.00	0.07	626	146.07	0.00
5.10	0.07	651	146.08	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	675	146.08	0.00
5.30	0.07	700	146.08	0.00
5.40	0.07	725	146.09	0.00
5.50	0.07	751	146.09	0.00
5.60	0.07	777	146.09	0.00
5.70	0.07	803	146.10	0.00
5.80	0.07	829	146.10	0.00
5.90	0.07	856	146.10	0.00
6.00	0.08	882	146.11	0.00
6.10	0.08	910	146.11	0.00
6.20	0.08	937	146.11	0.00
6.30	0.08	966	146.12	0.00
6.40	0.08	995	146.12	0.00
6.50	0.08	1,025	146.12	0.00
6.60	0.09	1,056	146.13	0.00
6.70	0.09	1,087	146.13	0.00
6.80	0.09	1,120	146.13	0.00
6.90	0.09	1,153	146.14	0.00
7.00	0.10	1,187	146.14	0.00
7.10	0.10	1,222	146.15	0.00
7.20	0.10	1,257	146.15	0.00
7.30	0.10	1,293	146.15	0.00
7.40	0.10	1,330	146.16	0.00
7.50	0.11	1,368	146.16	0.00
7.60	0.11	1,407	146.17	0.00
7.70	0.11	1,447	146.17	0.00
7.80	0.11	1,487	146.18	0.00
7.90	0.12	1,528	146.18	0.00
8.00	0.12	1,570	146.19	0.00
8.10	0.12	1,613	146.19	0.00
8.20	0.12	1,656	146.20	0.00
8.30	0.13	1,701	146.20	0.00
8.40	0.13	1,747	146.21	0.00
8.50	0.13	1,794	146.21	0.00
8.60	0.14	1,844	146.22	0.00
8.70	0.14	1,894	146.22	0.00
8.80	0.15	1,946	146.23	0.00
8.90	0.15	2,000	146.24	0.00
9.00	0.16	2,055	146.24	0.00
9.10	0.16	2,112	146.25	0.00
9.20	0.17	2,172	146.26	0.00
9.30	0.18	2,236	146.26	0.00
9.40	0.19	2,303	146.27	0.00
9.50	0.21	2,375	146.28	0.00
9.60	0.22	2,451	146.29	0.00
9.70	0.23	2,532	146.30	0.00
9.80	0.24	2,618	146.31	0.00
9.90	0.26	2,708	146.32	0.00
10.00	0.27	2,803	146.33	0.00
10.10	0.28	2,903	146.34	0.00
10.20	0.30	3,008	146.35	0.00
10.30	0.31	3,119	146.37	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,235	146.38	0.00
10.50	0.35	3,356	146.39	0.00
10.60	0.37	3,484	146.41	0.00
10.70	0.41	3,624	146.42	0.00
10.80	0.46	3,780	146.44	0.00
10.90	0.51	3,953	146.46	0.00
11.00	0.56	4,144	146.48	0.00
11.10	0.62	4,355	146.51	0.01
11.20	0.71	4,590	146.53	0.02
11.30	0.81	4,855	146.56	0.03
11.40	0.92	5,150	146.60	0.06
11.50	1.02	5,475	146.63	0.08
11.60	1.26	5,841	146.67	0.12
11.70	1.68	6,320	146.73	0.17
11.80	2.07	6,913	146.79	0.24
11.90	2.84	7,687	146.88	0.31
12.00	4.41	8,836	147.00	0.38
12.10	7.70	10,807	147.21	0.49
12.20	9.52	13,884	147.52	0.66
12.30	5.83	16,111	147.75	2.26
12.40	3.78	16,838	147.82	3.01
12.50	2.80	16,898	147.82	3.08
12.60	2.28	16,736	147.81	2.90
12.70	1.72	16,455	147.78	2.61
12.80	1.49	16,147	147.75	2.30
12.90	1.34	15,876	147.72	2.04
13.00	1.21	15,640	147.70	1.83
13.10	1.09	15,430	147.68	1.64
13.20	0.97	15,237	147.66	1.49
13.30	0.89	15,063	147.64	1.35
13.40	0.82	14,907	147.63	1.23
13.50	0.75	14,765	147.61	1.13
13.60	0.68	14,632	147.60	1.05
13.70	0.63	14,506	147.59	0.97
13.80	0.60	14,391	147.57	0.90
13.90	0.58	14,290	147.56	0.84
14.00	0.56	14,201	147.56	0.80
14.10	0.54	14,120	147.55	0.76
14.20	0.53	14,045	147.54	0.73
14.30	0.51	13,975	147.53	0.69
14.40	0.49	13,910	147.53	0.67
14.50	0.47	13,844	147.52	0.65
14.60	0.45	13,779	147.51	0.64
14.70	0.44	13,713	147.51	0.62
14.80	0.42	13,647	147.50	0.60
14.90	0.40	13,578	147.49	0.60
15.00	0.38	13,503	147.49	0.60
15.10	0.36	13,423	147.48	0.59
15.20	0.35	13,338	147.47	0.59
15.30	0.34	13,250	147.46	0.59
15.40	0.34	13,160	147.45	0.58
15.50	0.33	13,071	147.44	0.58

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	12,981	147.43	0.58
15.70	0.32	12,890	147.42	0.57
15.80	0.32	12,799	147.41	0.57
15.90	0.31	12,707	147.40	0.57
16.00	0.31	12,615	147.39	0.56
16.10	0.30	12,522	147.39	0.56
16.20	0.30	12,430	147.38	0.56
16.30	0.29	12,337	147.37	0.55
16.40	0.29	12,243	147.36	0.55
16.50	0.28	12,149	147.35	0.54
16.60	0.28	12,055	147.34	0.54
16.70	0.27	11,960	147.33	0.54
16.80	0.27	11,865	147.32	0.53
16.90	0.26	11,770	147.31	0.53
17.00	0.26	11,674	147.30	0.53
17.10	0.25	11,579	147.29	0.52
17.20	0.25	11,483	147.28	0.52
17.30	0.24	11,386	147.27	0.51
17.40	0.24	11,290	147.26	0.51
17.50	0.24	11,193	147.25	0.50
17.60	0.23	11,096	147.24	0.50
17.70	0.23	10,999	147.23	0.50
17.80	0.22	10,901	147.22	0.49
17.90	0.22	10,804	147.21	0.49
18.00	0.21	10,706	147.20	0.48
18.10	0.21	10,609	147.19	0.48
18.20	0.20	10,511	147.18	0.47
18.30	0.20	10,414	147.17	0.47
18.40	0.20	10,318	147.16	0.46
18.50	0.20	10,223	147.15	0.46
18.60	0.20	10,130	147.14	0.45
18.70	0.19	10,037	147.13	0.45
18.80	0.19	9,946	147.12	0.44
18.90	0.19	9,856	147.11	0.44
19.00	0.19	9,768	147.10	0.44
19.10	0.19	9,681	147.09	0.43
19.20	0.19	9,594	147.08	0.43
19.30	0.19	9,509	147.07	0.42
19.40	0.19	9,426	147.06	0.42
19.50	0.19	9,343	147.05	0.41
19.60	0.18	9,262	147.04	0.41
19.70	0.18	9,182	147.04	0.40
19.80	0.18	9,103	147.03	0.40
19.90	0.18	9,025	147.02	0.39
20.00	0.18	8,949	147.01	0.39
20.10	0.18	8,874	147.00	0.39
20.20	0.18	8,800	147.00	0.38
20.30	0.18	8,726	146.99	0.38
20.40	0.17	8,655	146.98	0.37
20.50	0.17	8,584	146.97	0.37
20.60	0.17	8,514	146.97	0.36
20.70	0.17	8,446	146.96	0.36

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	8,379	146.95	0.35
20.90	0.17	8,313	146.94	0.35
21.00	0.17	8,248	146.94	0.35
21.10	0.17	8,184	146.93	0.34
21.20	0.16	8,121	146.92	0.34
21.30	0.16	8,060	146.92	0.33
21.40	0.16	7,999	146.91	0.33
21.50	0.16	7,940	146.90	0.32
21.60	0.16	7,881	146.90	0.32
21.70	0.16	7,824	146.89	0.32
21.80	0.16	7,768	146.88	0.31
21.90	0.16	7,713	146.88	0.31
22.00	0.16	7,659	146.87	0.30
22.10	0.15	7,606	146.87	0.30
22.20	0.15	7,553	146.86	0.30
22.30	0.15	7,502	146.86	0.29
22.40	0.15	7,452	146.85	0.29
22.50	0.15	7,402	146.84	0.29
22.60	0.15	7,354	146.84	0.28
22.70	0.15	7,306	146.83	0.28
22.80	0.15	7,260	146.83	0.27
22.90	0.14	7,214	146.82	0.27
23.00	0.14	7,170	146.82	0.26
23.10	0.14	7,127	146.81	0.26
23.20	0.14	7,085	146.81	0.26
23.30	0.14	7,043	146.81	0.25
23.40	0.14	7,003	146.80	0.25
23.50	0.14	6,965	146.80	0.24
23.60	0.14	6,927	146.79	0.24
23.70	0.13	6,890	146.79	0.24
23.80	0.13	6,854	146.79	0.23
23.90	0.13	6,819	146.78	0.23
24.00	0.14	6,786	146.78	0.22
24.10	0.12	6,754	146.77	0.22
24.20	0.03	6,702	146.77	0.21
24.30	0.01	6,632	146.76	0.21
24.40	0.00	6,561	146.75	0.20
24.50	0.00	6,491	146.75	0.19
24.60	0.00	6,423	146.74	0.18
24.70	0.00	6,359	146.73	0.18
24.80	0.00	6,296	146.72	0.17
24.90	0.00	6,237	146.72	0.16
25.00	0.00	6,179	146.71	0.16
25.10	0.00	6,124	146.70	0.15
25.20	0.00	6,071	146.70	0.14
25.30	0.00	6,020	146.69	0.14
25.40	0.00	5,971	146.69	0.13
25.50	0.00	5,924	146.68	0.13
25.60	0.00	5,878	146.68	0.12
25.70	0.00	5,834	146.67	0.12
25.80	0.00	5,792	146.67	0.12
25.90	0.00	5,752	146.66	0.11

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,712	146.66	0.11
26.10	0.00	5,675	146.66	0.10
26.20	0.00	5,638	146.65	0.10
26.30	0.00	5,603	146.65	0.10
26.40	0.00	5,569	146.64	0.09
26.50	0.00	5,536	146.64	0.09
26.60	0.00	5,504	146.64	0.09
26.70	0.00	5,473	146.63	0.08
26.80	0.00	5,444	146.63	0.08
26.90	0.00	5,415	146.63	0.08
27.00	0.00	5,387	146.62	0.08
27.10	0.00	5,360	146.62	0.07
27.20	0.00	5,334	146.62	0.07
27.30	0.00	5,309	146.61	0.07
27.40	0.00	5,284	146.61	0.07
27.50	0.00	5,260	146.61	0.07
27.60	0.00	5,237	146.61	0.06
27.70	0.00	5,215	146.60	0.06
27.80	0.00	5,193	146.60	0.06
27.90	0.00	5,172	146.60	0.06
28.00	0.00	5,152	146.60	0.06
28.10	0.00	5,132	146.59	0.05
28.20	0.00	5,112	146.59	0.05
28.30	0.00	5,093	146.59	0.05
28.40	0.00	5,075	146.59	0.05
28.50	0.00	5,057	146.59	0.05
28.60	0.00	5,040	146.58	0.05
28.70	0.00	5,023	146.58	0.05
28.80	0.00	5,006	146.58	0.05
28.90	0.00	4,990	146.58	0.04
29.00	0.00	4,975	146.58	0.04
29.10	0.00	4,959	146.58	0.04
29.20	0.00	4,944	146.57	0.04
29.30	0.00	4,930	146.57	0.04
29.40	0.00	4,916	146.57	0.04
29.50	0.00	4,902	146.57	0.04
29.60	0.00	4,889	146.57	0.04
29.70	0.00	4,876	146.57	0.04
29.80	0.00	4,863	146.56	0.04
29.90	0.00	4,850	146.56	0.03
30.00	0.00	4,838	146.56	0.03
30.10	0.00	4,826	146.56	0.03
30.20	0.00	4,814	146.56	0.03
30.30	0.00	4,803	146.56	0.03
30.40	0.00	4,791	146.56	0.03
30.50	0.00	4,780	146.56	0.03
30.60	0.00	4,770	146.55	0.03
30.70	0.00	4,759	146.55	0.03
30.80	0.00	4,749	146.55	0.03
30.90	0.00	4,739	146.55	0.03
31.00	0.00	4,729	146.55	0.03
31.10	0.00	4,719	146.55	0.03

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,710	146.55	0.03
31.30	0.00	4,700	146.55	0.03
31.40	0.00	4,691	146.55	0.02
31.50	0.00	4,682	146.54	0.02
31.60	0.00	4,674	146.54	0.02
31.70	0.00	4,665	146.54	0.02
31.80	0.00	4,657	146.54	0.02
31.90	0.00	4,649	146.54	0.02
32.00	0.00	4,641	146.54	0.02
32.10	0.00	4,633	146.54	0.02
32.20	0.00	4,625	146.54	0.02
32.30	0.00	4,618	146.54	0.02
32.40	0.00	4,610	146.54	0.02
32.50	0.00	4,603	146.54	0.02
32.60	0.00	4,596	146.53	0.02
32.70	0.00	4,589	146.53	0.02
32.80	0.00	4,582	146.53	0.02
32.90	0.00	4,575	146.53	0.02
33.00	0.00	4,568	146.53	0.02
33.10	0.00	4,562	146.53	0.02
33.20	0.00	4,555	146.53	0.02
33.30	0.00	4,549	146.53	0.02
33.40	0.00	4,542	146.53	0.02
33.50	0.00	4,536	146.53	0.02
33.60	0.00	4,530	146.53	0.02
33.70	0.00	4,524	146.53	0.02
33.80	0.00	4,518	146.53	0.02
33.90	0.00	4,512	146.52	0.02
34.00	0.00	4,506	146.52	0.02
34.10	0.00	4,501	146.52	0.02
34.20	0.00	4,495	146.52	0.02
34.30	0.00	4,490	146.52	0.02
34.40	0.00	4,484	146.52	0.01
34.50	0.00	4,479	146.52	0.01
34.60	0.00	4,474	146.52	0.01
34.70	0.00	4,469	146.52	0.01
34.80	0.00	4,464	146.52	0.01
34.90	0.00	4,459	146.52	0.01
35.00	0.00	4,454	146.52	0.01
35.10	0.00	4,449	146.52	0.01
35.20	0.00	4,444	146.52	0.01
35.30	0.00	4,440	146.52	0.01
35.40	0.00	4,435	146.52	0.01
35.50	0.00	4,431	146.52	0.01
35.60	0.00	4,426	146.52	0.01
35.70	0.00	4,422	146.51	0.01
35.80	0.00	4,418	146.51	0.01
35.90	0.00	4,413	146.51	0.01
36.00	0.00	4,409	146.51	0.01
36.10	0.00	4,405	146.51	0.01
36.20	0.00	4,401	146.51	0.01
36.30	0.00	4,397	146.51	0.01

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,393	146.51	0.01
36.50	0.00	4,390	146.51	0.01
36.60	0.00	4,386	146.51	0.01
36.70	0.00	4,382	146.51	0.01
36.80	0.00	4,379	146.51	0.01
36.90	0.00	4,375	146.51	0.01
37.00	0.00	4,371	146.51	0.01
37.10	0.00	4,368	146.51	0.01
37.20	0.00	4,364	146.51	0.01
37.30	0.00	4,361	146.51	0.01
37.40	0.00	4,358	146.51	0.01
37.50	0.00	4,354	146.51	0.01
37.60	0.00	4,351	146.51	0.01
37.70	0.00	4,348	146.51	0.01
37.80	0.00	4,344	146.51	0.01
37.90	0.00	4,341	146.51	0.01
38.00	0.00	4,338	146.51	0.01
38.10	0.00	4,335	146.50	0.01
38.20	0.00	4,331	146.50	0.01
38.30	0.00	4,328	146.50	0.01
38.40	0.00	4,325	146.50	0.01
38.50	0.00	4,322	146.50	0.01
38.60	0.00	4,319	146.50	0.01
38.70	0.00	4,316	146.50	0.01
38.80	0.00	4,313	146.50	0.01
38.90	0.00	4,310	146.50	0.01
39.00	0.00	4,307	146.50	0.01
39.10	0.00	4,304	146.50	0.01
39.20	0.00	4,302	146.50	0.01
39.30	0.00	4,299	146.50	0.01
39.40	0.00	4,296	146.50	0.01
39.50	0.00	4,293	146.50	0.01
39.60	0.00	4,291	146.50	0.01
39.70	0.00	4,288	146.50	0.01
39.80	0.00	4,285	146.50	0.01
39.90	0.00	4,283	146.50	0.01
40.00	0.00	4,280	146.50	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 3.92" for Future 10 yr event
 Inflow = 10.07 cfs @ 12.17 hrs, Volume= 0.816 af
 Outflow = 5.68 cfs @ 12.32 hrs, Volume= 0.726 af, Atten= 44%, Lag= 8.8 min
 Primary = 5.68 cfs @ 12.32 hrs, Volume= 0.726 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.49' @ 12.32 hrs Surf.Area= 6,948 sf Storage= 14,457 cf

Plug-Flow detention time= 219.4 min calculated for 0.726 af (89% of inflow)
 Center-of-Mass det. time= 163.4 min (957.3 - 793.9)

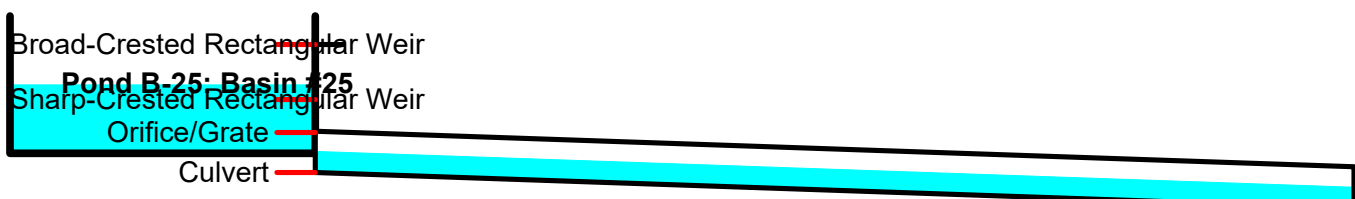
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

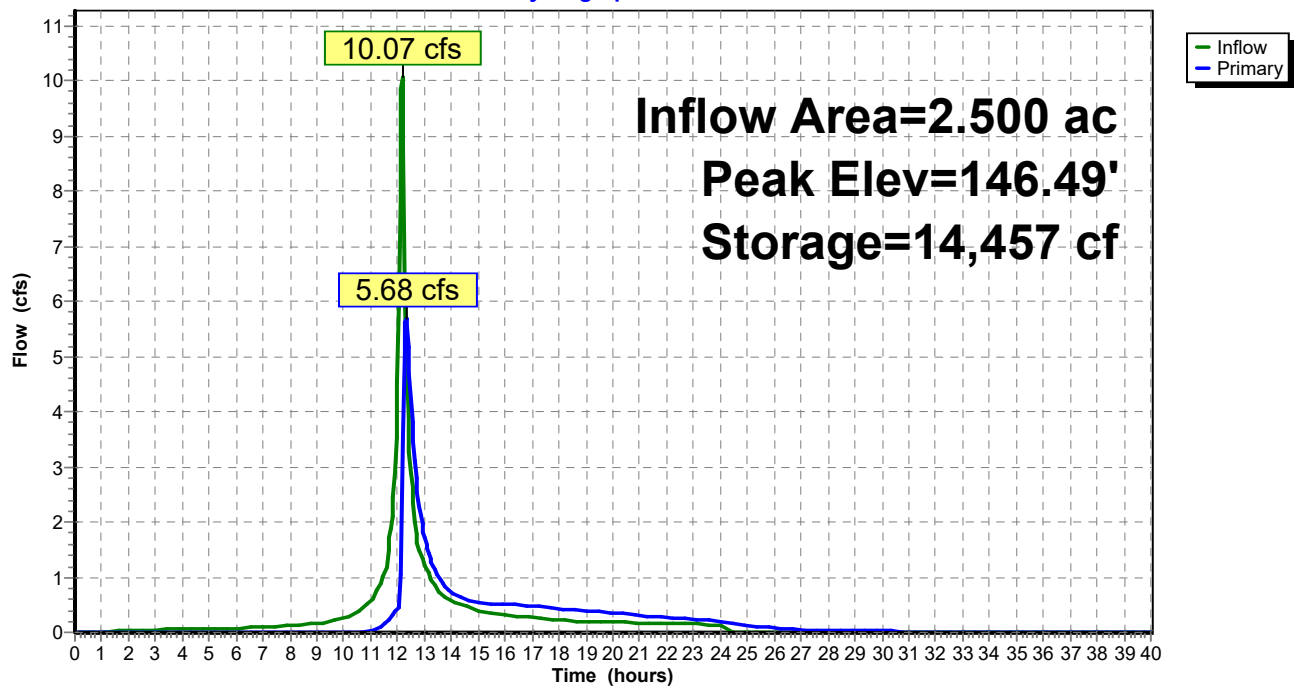
Primary OutFlow Max=5.60 cfs @ 12.32 hrs HW=146.48' (Free Discharge)

- 1=Culvert (Passes 5.60 cfs of 11.06 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.66 cfs @ 5.98 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 4.94 cfs @ 2.39 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25

Hydrograph



Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	1	144.00	0.00
1.00	0.01	3	144.00	0.00
1.10	0.01	6	144.00	0.00
1.20	0.01	9	144.00	0.00
1.30	0.01	14	144.00	0.00
1.40	0.02	20	144.00	0.00
1.50	0.02	27	144.01	0.00
1.60	0.02	34	144.01	0.00
1.70	0.02	42	144.01	0.00
1.80	0.03	51	144.01	0.00
1.90	0.03	61	144.01	0.00
2.00	0.03	71	144.02	0.00
2.10	0.03	82	144.02	0.00
2.20	0.03	94	144.02	0.00
2.30	0.03	106	144.02	0.00
2.40	0.04	119	144.03	0.00
2.50	0.04	132	144.03	0.00
2.60	0.04	146	144.03	0.00
2.70	0.04	161	144.03	0.00
2.80	0.04	176	144.04	0.00
2.90	0.04	191	144.04	0.00
3.00	0.04	207	144.04	0.00
3.10	0.05	223	144.05	0.00
3.20	0.05	240	144.05	0.00
3.30	0.05	257	144.05	0.00
3.40	0.05	275	144.06	0.00
3.50	0.05	293	144.06	0.00
3.60	0.05	311	144.07	0.00
3.70	0.05	330	144.07	0.00
3.80	0.05	349	144.07	0.00
3.90	0.05	369	144.08	0.00
4.00	0.06	389	144.08	0.00
4.10	0.06	409	144.09	0.00
4.20	0.06	430	144.09	0.00
4.30	0.06	451	144.10	0.00
4.40	0.06	472	144.10	0.00
4.50	0.06	494	144.10	0.00
4.60	0.06	516	144.11	0.00
4.70	0.06	538	144.11	0.00
4.80	0.06	561	144.12	0.00
4.90	0.06	584	144.12	0.00
5.00	0.06	607	144.13	0.00
5.10	0.07	631	144.13	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	654	144.14	0.00
5.30	0.07	678	144.14	0.00
5.40	0.07	703	144.15	0.00
5.50	0.07	728	144.15	0.00
5.60	0.07	752	144.16	0.00
5.70	0.07	778	144.16	0.00
5.80	0.07	803	144.17	0.00
5.90	0.07	829	144.17	0.00
6.00	0.07	855	144.18	0.00
6.10	0.07	881	144.18	0.00
6.20	0.08	908	144.19	0.00
6.30	0.08	936	144.20	0.00
6.40	0.08	964	144.20	0.00
6.50	0.08	993	144.21	0.00
6.60	0.08	1,023	144.21	0.00
6.70	0.09	1,054	144.22	0.00
6.80	0.09	1,085	144.23	0.00
6.90	0.09	1,117	144.23	0.00
7.00	0.09	1,150	144.24	0.00
7.10	0.09	1,184	144.25	0.00
7.20	0.10	1,218	144.25	0.00
7.30	0.10	1,253	144.26	0.00
7.40	0.10	1,289	144.27	0.00
7.50	0.10	1,326	144.27	0.00
7.60	0.11	1,363	144.28	0.00
7.70	0.11	1,402	144.29	0.00
7.80	0.11	1,441	144.30	0.00
7.90	0.11	1,481	144.31	0.00
8.00	0.11	1,521	144.31	0.00
8.10	0.12	1,563	144.32	0.00
8.20	0.12	1,605	144.33	0.00
8.30	0.12	1,648	144.34	0.00
8.40	0.13	1,693	144.35	0.00
8.50	0.13	1,739	144.36	0.00
8.60	0.13	1,787	144.37	0.00
8.70	0.14	1,836	144.38	0.00
8.80	0.14	1,887	144.39	0.00
8.90	0.15	1,940	144.40	0.00
9.00	0.15	1,994	144.41	0.00
9.10	0.16	2,050	144.42	0.00
9.20	0.17	2,108	144.43	0.00
9.30	0.18	2,171	144.44	0.00
9.40	0.19	2,238	144.46	0.00
9.50	0.20	2,309	144.47	0.00
9.60	0.22	2,384	144.48	0.00
9.70	0.23	2,464	144.50	0.00
9.80	0.24	2,548	144.52	0.00
9.90	0.26	2,638	144.53	0.00
10.00	0.27	2,732	144.55	0.00
10.10	0.28	2,831	144.57	0.00
10.20	0.30	2,936	144.59	0.00
10.30	0.31	3,046	144.61	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,162	144.63	0.00
10.50	0.34	3,283	144.66	0.00
10.60	0.37	3,411	144.68	0.00
10.70	0.41	3,551	144.71	0.00
10.80	0.46	3,707	144.74	0.00
10.90	0.51	3,880	144.77	0.00
11.00	0.56	4,071	144.81	0.01
11.10	0.63	4,279	144.84	0.02
11.20	0.72	4,509	144.89	0.05
11.30	0.82	4,764	144.93	0.08
11.40	0.93	5,043	144.98	0.12
11.50	1.04	5,346	145.04	0.16
11.60	1.27	5,686	145.10	0.21
11.70	1.70	6,139	145.18	0.26
11.80	2.10	6,714	145.28	0.31
11.90	2.89	7,481	145.41	0.36
12.00	4.51	8,636	145.60	0.43
12.10	7.88	10,639	145.92	0.53
12.20	9.77	13,345	146.33	3.59
12.30	5.99	14,434	146.48	5.63
12.40	3.89	14,207	146.45	5.18
12.50	2.88	13,710	146.38	4.24
12.60	2.34	13,273	146.31	3.46
12.70	1.77	12,881	146.26	2.80
12.80	1.53	12,557	146.21	2.30
12.90	1.38	12,317	146.17	1.96
13.00	1.25	12,133	146.15	1.70
13.10	1.12	11,981	146.12	1.51
13.20	1.00	11,849	146.10	1.34
13.30	0.92	11,734	146.08	1.22
13.40	0.85	11,633	146.07	1.11
13.50	0.78	11,544	146.06	1.01
13.60	0.71	11,461	146.04	0.93
13.70	0.65	11,381	146.03	0.86
13.80	0.62	11,308	146.02	0.80
13.90	0.60	11,248	146.01	0.75
14.00	0.58	11,197	146.00	0.71
14.10	0.56	11,153	146.00	0.68
14.20	0.54	11,110	145.99	0.66
14.30	0.52	11,069	145.98	0.64
14.40	0.51	11,028	145.98	0.62
14.50	0.49	10,987	145.97	0.60
14.60	0.47	10,947	145.96	0.58
14.70	0.45	10,908	145.96	0.56
14.80	0.43	10,868	145.95	0.54
14.90	0.41	10,828	145.95	0.53
15.00	0.39	10,781	145.94	0.53
15.10	0.38	10,728	145.93	0.53
15.20	0.36	10,670	145.92	0.53
15.30	0.35	10,609	145.91	0.52
15.40	0.35	10,546	145.90	0.52
15.50	0.34	10,483	145.89	0.52

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	10,418	145.88	0.52
15.70	0.33	10,353	145.87	0.51
15.80	0.33	10,287	145.86	0.51
15.90	0.32	10,221	145.85	0.51
16.00	0.32	10,153	145.84	0.51
16.10	0.31	10,085	145.83	0.50
16.20	0.31	10,017	145.82	0.50
16.30	0.30	9,947	145.81	0.50
16.40	0.30	9,877	145.80	0.49
16.50	0.29	9,807	145.79	0.49
16.60	0.29	9,736	145.77	0.49
16.70	0.28	9,664	145.76	0.48
16.80	0.28	9,591	145.75	0.48
16.90	0.27	9,518	145.74	0.48
17.00	0.27	9,445	145.73	0.47
17.10	0.26	9,371	145.72	0.47
17.20	0.26	9,297	145.70	0.47
17.30	0.25	9,222	145.69	0.46
17.40	0.25	9,146	145.68	0.46
17.50	0.24	9,070	145.67	0.45
17.60	0.24	8,994	145.65	0.45
17.70	0.23	8,917	145.64	0.45
17.80	0.23	8,840	145.63	0.44
17.90	0.22	8,763	145.62	0.44
18.00	0.22	8,685	145.60	0.43
18.10	0.21	8,607	145.59	0.43
18.20	0.21	8,528	145.58	0.43
18.30	0.21	8,450	145.57	0.42
18.40	0.20	8,373	145.55	0.42
18.50	0.20	8,298	145.54	0.41
18.60	0.20	8,223	145.53	0.41
18.70	0.20	8,149	145.52	0.40
18.80	0.20	8,076	145.50	0.40
18.90	0.20	8,005	145.49	0.40
19.00	0.20	7,934	145.48	0.39
19.10	0.20	7,865	145.47	0.39
19.20	0.20	7,796	145.46	0.38
19.30	0.19	7,729	145.45	0.38
19.40	0.19	7,663	145.44	0.38
19.50	0.19	7,597	145.42	0.37
19.60	0.19	7,533	145.41	0.37
19.70	0.19	7,470	145.40	0.36
19.80	0.19	7,408	145.39	0.36
19.90	0.19	7,347	145.38	0.35
20.00	0.19	7,287	145.37	0.35
20.10	0.18	7,228	145.36	0.35
20.20	0.18	7,170	145.35	0.34
20.30	0.18	7,113	145.34	0.34
20.40	0.18	7,057	145.33	0.33
20.50	0.18	7,002	145.32	0.33
20.60	0.18	6,947	145.32	0.33
20.70	0.18	6,894	145.31	0.32

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	6,842	145.30	0.32
20.90	0.17	6,791	145.29	0.31
21.00	0.17	6,741	145.28	0.31
21.10	0.17	6,692	145.27	0.31
21.20	0.17	6,643	145.26	0.30
21.30	0.17	6,596	145.25	0.30
21.40	0.17	6,549	145.25	0.30
21.50	0.17	6,504	145.24	0.29
21.60	0.17	6,459	145.23	0.29
21.70	0.16	6,415	145.22	0.28
21.80	0.16	6,373	145.22	0.28
21.90	0.16	6,331	145.21	0.28
22.00	0.16	6,290	145.20	0.27
22.10	0.16	6,249	145.20	0.27
22.20	0.16	6,210	145.19	0.27
22.30	0.16	6,171	145.18	0.26
22.40	0.16	6,134	145.17	0.26
22.50	0.15	6,097	145.17	0.26
22.60	0.15	6,061	145.16	0.25
22.70	0.15	6,026	145.16	0.25
22.80	0.15	5,991	145.15	0.25
22.90	0.15	5,957	145.14	0.24
23.00	0.15	5,924	145.14	0.24
23.10	0.15	5,892	145.13	0.24
23.20	0.14	5,860	145.13	0.23
23.30	0.14	5,829	145.12	0.23
23.40	0.14	5,799	145.12	0.23
23.50	0.14	5,770	145.11	0.22
23.60	0.14	5,741	145.11	0.22
23.70	0.14	5,712	145.10	0.22
23.80	0.14	5,685	145.10	0.21
23.90	0.14	5,658	145.09	0.21
24.00	0.14	5,633	145.09	0.21
24.10	0.12	5,609	145.08	0.20
24.20	0.03	5,564	145.07	0.20
24.30	0.01	5,502	145.06	0.19
24.40	0.00	5,438	145.05	0.18
24.50	0.00	5,375	145.04	0.17
24.60	0.00	5,316	145.03	0.16
24.70	0.00	5,260	145.02	0.15
24.80	0.00	5,207	145.01	0.14
24.90	0.00	5,157	145.00	0.14
25.00	0.00	5,110	144.99	0.13
25.10	0.00	5,065	144.99	0.12
25.20	0.00	5,022	144.98	0.11
25.30	0.00	4,982	144.97	0.11
25.40	0.00	4,944	144.96	0.10
25.50	0.00	4,908	144.96	0.10
25.60	0.00	4,873	144.95	0.09
25.70	0.00	4,841	144.95	0.09
25.80	0.00	4,810	144.94	0.08
25.90	0.00	4,780	144.93	0.08

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,752	144.93	0.08
26.10	0.00	4,726	144.92	0.07
26.20	0.00	4,700	144.92	0.07
26.30	0.00	4,676	144.92	0.07
26.40	0.00	4,653	144.91	0.06
26.50	0.00	4,630	144.91	0.06
26.60	0.00	4,609	144.90	0.06
26.70	0.00	4,589	144.90	0.05
26.80	0.00	4,570	144.90	0.05
26.90	0.00	4,552	144.89	0.05
27.00	0.00	4,534	144.89	0.05
27.10	0.00	4,517	144.89	0.05
27.20	0.00	4,500	144.88	0.04
27.30	0.00	4,484	144.88	0.04
27.40	0.00	4,469	144.88	0.04
27.50	0.00	4,454	144.88	0.04
27.60	0.00	4,440	144.87	0.04
27.70	0.00	4,426	144.87	0.04
27.80	0.00	4,413	144.87	0.04
27.90	0.00	4,401	144.87	0.03
28.00	0.00	4,388	144.86	0.03
28.10	0.00	4,377	144.86	0.03
28.20	0.00	4,365	144.86	0.03
28.30	0.00	4,355	144.86	0.03
28.40	0.00	4,344	144.86	0.03
28.50	0.00	4,334	144.85	0.03
28.60	0.00	4,324	144.85	0.03
28.70	0.00	4,315	144.85	0.03
28.80	0.00	4,306	144.85	0.02
28.90	0.00	4,297	144.85	0.02
29.00	0.00	4,288	144.85	0.02
29.10	0.00	4,280	144.84	0.02
29.20	0.00	4,272	144.84	0.02
29.30	0.00	4,264	144.84	0.02
29.40	0.00	4,256	144.84	0.02
29.50	0.00	4,249	144.84	0.02
29.60	0.00	4,241	144.84	0.02
29.70	0.00	4,234	144.84	0.02
29.80	0.00	4,227	144.83	0.02
29.90	0.00	4,220	144.83	0.02
30.00	0.00	4,213	144.83	0.02
30.10	0.00	4,207	144.83	0.02
30.20	0.00	4,200	144.83	0.02
30.30	0.00	4,194	144.83	0.02
30.40	0.00	4,188	144.83	0.02
30.50	0.00	4,182	144.83	0.02
30.60	0.00	4,176	144.82	0.02
30.70	0.00	4,171	144.82	0.02
30.80	0.00	4,165	144.82	0.02
30.90	0.00	4,160	144.82	0.01
31.00	0.00	4,155	144.82	0.01
31.10	0.00	4,150	144.82	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,145	144.82	0.01
31.30	0.00	4,140	144.82	0.01
31.40	0.00	4,135	144.82	0.01
31.50	0.00	4,130	144.82	0.01
31.60	0.00	4,126	144.82	0.01
31.70	0.00	4,122	144.81	0.01
31.80	0.00	4,117	144.81	0.01
31.90	0.00	4,113	144.81	0.01
32.00	0.00	4,109	144.81	0.01
32.10	0.00	4,105	144.81	0.01
32.20	0.00	4,101	144.81	0.01
32.30	0.00	4,097	144.81	0.01
32.40	0.00	4,094	144.81	0.01
32.50	0.00	4,090	144.81	0.01
32.60	0.00	4,087	144.81	0.01
32.70	0.00	4,083	144.81	0.01
32.80	0.00	4,080	144.81	0.01
32.90	0.00	4,077	144.81	0.01
33.00	0.00	4,073	144.81	0.01
33.10	0.00	4,070	144.80	0.01
33.20	0.00	4,067	144.80	0.01
33.30	0.00	4,064	144.80	0.01
33.40	0.00	4,061	144.80	0.01
33.50	0.00	4,059	144.80	0.01
33.60	0.00	4,056	144.80	0.01
33.70	0.00	4,053	144.80	0.01
33.80	0.00	4,051	144.80	0.01
33.90	0.00	4,048	144.80	0.01
34.00	0.00	4,046	144.80	0.01
34.10	0.00	4,043	144.80	0.01
34.20	0.00	4,041	144.80	0.01
34.30	0.00	4,038	144.80	0.01
34.40	0.00	4,036	144.80	0.01
34.50	0.00	4,034	144.80	0.01
34.60	0.00	4,032	144.80	0.01
34.70	0.00	4,029	144.80	0.01
34.80	0.00	4,027	144.80	0.01
34.90	0.00	4,025	144.80	0.01
35.00	0.00	4,023	144.80	0.01
35.10	0.00	4,020	144.80	0.01
35.20	0.00	4,018	144.80	0.01
35.30	0.00	4,016	144.79	0.01
35.40	0.00	4,014	144.79	0.01
35.50	0.00	4,012	144.79	0.01
35.60	0.00	4,010	144.79	0.01
35.70	0.00	4,008	144.79	0.01
35.80	0.00	4,005	144.79	0.01
35.90	0.00	4,003	144.79	0.01
36.00	0.00	4,001	144.79	0.01
36.10	0.00	3,999	144.79	0.01
36.20	0.00	3,997	144.79	0.01
36.30	0.00	3,995	144.79	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,993	144.79	0.01
36.50	0.00	3,991	144.79	0.01
36.60	0.00	3,990	144.79	0.01
36.70	0.00	3,988	144.79	0.01
36.80	0.00	3,986	144.79	0.01
36.90	0.00	3,984	144.79	0.01
37.00	0.00	3,982	144.79	0.01
37.10	0.00	3,980	144.79	0.01
37.20	0.00	3,978	144.79	0.01
37.30	0.00	3,977	144.79	0.00
37.40	0.00	3,975	144.79	0.00
37.50	0.00	3,973	144.79	0.00
37.60	0.00	3,971	144.79	0.00
37.70	0.00	3,969	144.79	0.00
37.80	0.00	3,968	144.79	0.00
37.90	0.00	3,966	144.79	0.00
38.00	0.00	3,964	144.79	0.00
38.10	0.00	3,963	144.78	0.00
38.20	0.00	3,961	144.78	0.00
38.30	0.00	3,959	144.78	0.00
38.40	0.00	3,958	144.78	0.00
38.50	0.00	3,956	144.78	0.00
38.60	0.00	3,954	144.78	0.00
38.70	0.00	3,953	144.78	0.00
38.80	0.00	3,951	144.78	0.00
38.90	0.00	3,950	144.78	0.00
39.00	0.00	3,948	144.78	0.00
39.10	0.00	3,947	144.78	0.00
39.20	0.00	3,945	144.78	0.00
39.30	0.00	3,944	144.78	0.00
39.40	0.00	3,942	144.78	0.00
39.50	0.00	3,941	144.78	0.00
39.60	0.00	3,939	144.78	0.00
39.70	0.00	3,938	144.78	0.00
39.80	0.00	3,936	144.78	0.00
39.90	0.00	3,935	144.78	0.00
40.00	0.00	3,933	144.78	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 4.04" for Future 10 yr event
 Inflow = 9.76 cfs @ 12.17 hrs, Volume= 0.797 af
 Outflow = 5.09 cfs @ 12.33 hrs, Volume= 0.680 af, Atten= 48%, Lag= 9.6 min
 Primary = 5.09 cfs @ 12.33 hrs, Volume= 0.680 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 146.53' @ 12.33 hrs Surf.Area= 6,766 sf Storage= 15,436 cf

Plug-Flow detention time= 378.5 min calculated for 0.680 af (85% of inflow)
 Center-of-Mass det. time= 310.2 min (1,099.6 - 789.3)

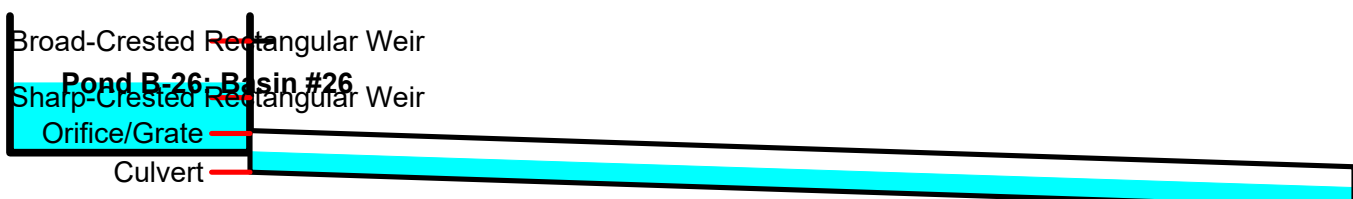
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

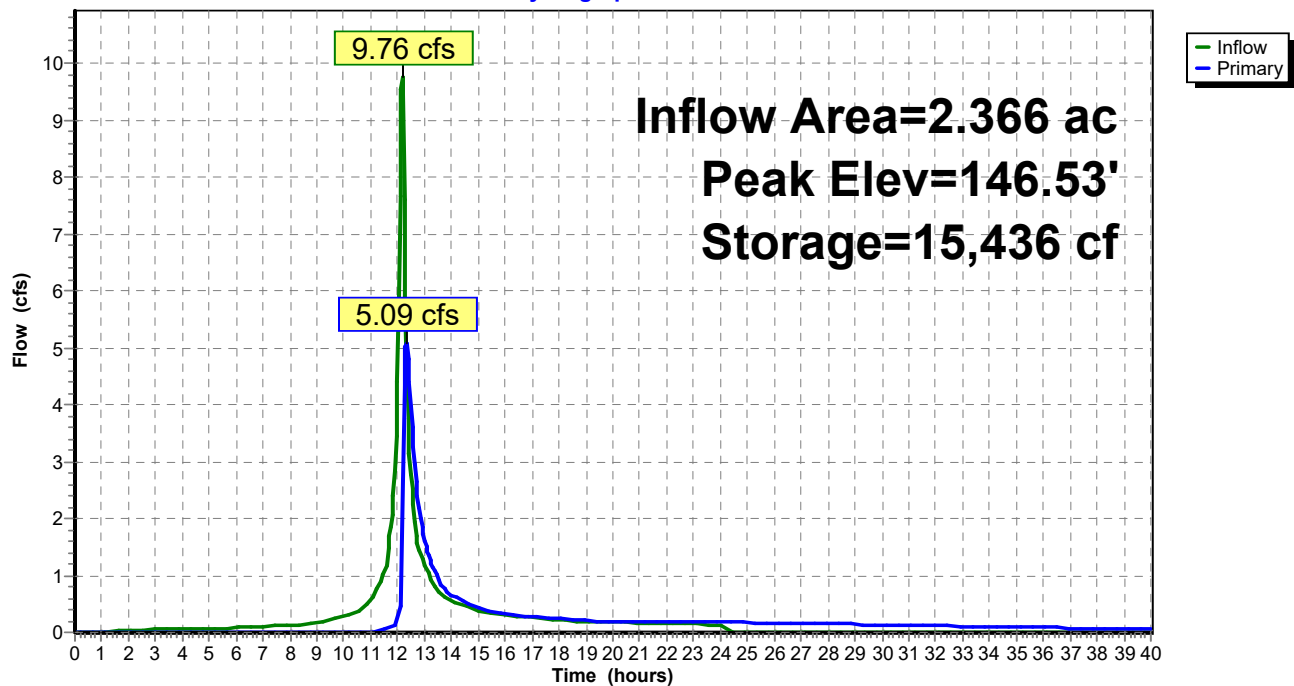
Primary OutFlow Max=5.05 cfs @ 12.33 hrs HW=146.52' (Free Discharge)

1=Culvert (Passes 5.05 cfs of 10.26 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.32 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.84 cfs @ 2.37 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	0	144.00	0.00
0.60	0.00	0	144.00	0.00
0.70	0.00	0	144.00	0.00
0.80	0.00	0	144.00	0.00
0.90	0.00	1	144.00	0.00
1.00	0.01	3	144.00	0.00
1.10	0.01	6	144.00	0.00
1.20	0.01	10	144.00	0.00
1.30	0.02	15	144.00	0.00
1.40	0.02	22	144.00	0.00
1.50	0.02	29	144.01	0.00
1.60	0.02	37	144.01	0.00
1.70	0.03	46	144.01	0.00
1.80	0.03	55	144.01	0.00
1.90	0.03	66	144.01	0.00
2.00	0.03	77	144.01	0.00
2.10	0.03	89	144.02	0.00
2.20	0.04	101	144.02	0.00
2.30	0.04	115	144.02	0.00
2.40	0.04	128	144.02	0.00
2.50	0.04	143	144.03	0.00
2.60	0.04	158	144.03	0.00
2.70	0.04	173	144.03	0.00
2.80	0.05	190	144.03	0.00
2.90	0.05	206	144.04	0.00
3.00	0.05	223	144.04	0.00
3.10	0.05	241	144.04	0.00
3.20	0.05	259	144.05	0.00
3.30	0.05	278	144.05	0.00
3.40	0.05	297	144.05	0.00
3.50	0.05	316	144.06	0.00
3.60	0.06	336	144.06	0.00
3.70	0.06	357	144.07	0.00
3.80	0.06	377	144.07	0.00
3.90	0.06	399	144.07	0.00
4.00	0.06	420	144.08	0.00
4.10	0.06	442	144.08	0.00
4.20	0.06	464	144.08	0.00
4.30	0.06	487	144.09	0.00
4.40	0.06	510	144.09	0.00
4.50	0.07	534	144.10	0.00
4.60	0.07	557	144.10	0.00
4.70	0.07	581	144.11	0.00
4.80	0.07	606	144.11	0.00
4.90	0.07	631	144.11	0.00
5.00	0.07	656	144.12	0.00
5.10	0.07	681	144.12	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	707	144.13	0.00
5.30	0.07	733	144.13	0.00
5.40	0.07	759	144.14	0.00
5.50	0.07	786	144.14	0.00
5.60	0.08	813	144.15	0.00
5.70	0.08	840	144.15	0.00
5.80	0.08	868	144.16	0.00
5.90	0.08	895	144.16	0.00
6.00	0.08	924	144.17	0.00
6.10	0.08	952	144.17	0.00
6.20	0.08	981	144.18	0.00
6.30	0.08	1,011	144.18	0.00
6.40	0.09	1,041	144.19	0.00
6.50	0.09	1,073	144.19	0.00
6.60	0.09	1,105	144.20	0.00
6.70	0.09	1,138	144.21	0.00
6.80	0.10	1,172	144.21	0.00
6.90	0.10	1,207	144.22	0.00
7.00	0.10	1,242	144.22	0.00
7.10	0.10	1,278	144.23	0.00
7.20	0.10	1,316	144.24	0.00
7.30	0.11	1,354	144.24	0.00
7.40	0.11	1,392	144.25	0.00
7.50	0.11	1,432	144.26	0.00
7.60	0.11	1,473	144.27	0.00
7.70	0.12	1,514	144.27	0.00
7.80	0.12	1,556	144.28	0.00
7.90	0.12	1,599	144.29	0.00
8.00	0.12	1,643	144.30	0.00
8.10	0.13	1,688	144.30	0.00
8.20	0.13	1,733	144.31	0.00
8.30	0.13	1,780	144.32	0.00
8.40	0.14	1,828	144.33	0.00
8.50	0.14	1,878	144.34	0.00
8.60	0.14	1,929	144.35	0.00
8.70	0.15	1,981	144.36	0.00
8.80	0.15	2,036	144.37	0.00
8.90	0.16	2,091	144.38	0.00
9.00	0.16	2,148	144.39	0.00
9.10	0.17	2,207	144.40	0.00
9.20	0.18	2,269	144.41	0.00
9.30	0.19	2,335	144.42	0.00
9.40	0.20	2,405	144.43	0.00
9.50	0.21	2,479	144.44	0.00
9.60	0.22	2,558	144.46	0.00
9.70	0.24	2,641	144.47	0.00
9.80	0.25	2,729	144.49	0.00
9.90	0.26	2,821	144.50	0.00
10.00	0.28	2,919	144.52	0.00
10.10	0.29	3,021	144.54	0.00
10.20	0.31	3,129	144.56	0.00
10.30	0.32	3,242	144.58	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.34	3,360	144.60	0.00
10.50	0.35	3,484	144.62	0.00
10.60	0.38	3,614	144.64	0.00
10.70	0.42	3,756	144.67	0.00
10.80	0.46	3,915	144.69	0.00
10.90	0.51	4,090	144.72	0.00
11.00	0.57	4,284	144.76	0.01
11.10	0.63	4,495	144.79	0.02
11.20	0.72	4,731	144.83	0.03
11.30	0.82	4,995	144.88	0.04
11.40	0.93	5,291	144.93	0.06
11.50	1.03	5,621	144.98	0.07
11.60	1.26	5,999	145.05	0.08
11.70	1.68	6,501	145.13	0.09
11.80	2.07	7,134	145.24	0.11
11.90	2.84	7,966	145.37	0.12
12.00	4.41	9,190	145.57	0.14
12.10	7.66	11,254	145.89	0.17
12.20	9.46	14,128	146.33	2.67
12.30	5.79	15,401	146.52	5.02
12.40	3.75	15,289	146.51	4.80
12.50	2.77	14,863	146.44	3.97
12.60	2.25	14,472	146.38	3.26
12.70	1.71	14,115	146.33	2.65
12.80	1.47	13,819	146.29	2.17
12.90	1.33	13,601	146.25	1.85
13.00	1.20	13,436	146.23	1.60
13.10	1.07	13,301	146.21	1.42
13.20	0.96	13,182	146.19	1.27
13.30	0.88	13,082	146.17	1.14
13.40	0.81	12,996	146.16	1.04
13.50	0.74	12,919	146.15	0.95
13.60	0.68	12,848	146.14	0.87
13.70	0.62	12,783	146.13	0.79
13.80	0.59	12,727	146.12	0.74
13.90	0.57	12,680	146.11	0.69
14.00	0.55	12,642	146.11	0.65
14.10	0.54	12,609	146.10	0.62
14.20	0.52	12,580	146.10	0.59
14.30	0.50	12,555	146.09	0.57
14.40	0.48	12,532	146.09	0.55
14.50	0.47	12,510	146.09	0.53
14.60	0.45	12,489	146.08	0.51
14.70	0.43	12,469	146.08	0.49
14.80	0.41	12,449	146.08	0.47
14.90	0.40	12,429	146.07	0.45
15.00	0.38	12,407	146.07	0.44
15.10	0.36	12,384	146.07	0.42
15.20	0.34	12,361	146.06	0.41
15.30	0.34	12,340	146.06	0.39
15.40	0.33	12,321	146.06	0.38
15.50	0.33	12,306	146.06	0.37

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.32	12,292	146.05	0.36
15.70	0.32	12,280	146.05	0.35
15.80	0.31	12,268	146.05	0.34
15.90	0.31	12,258	146.05	0.33
16.00	0.30	12,249	146.05	0.33
16.10	0.30	12,240	146.05	0.32
16.20	0.29	12,232	146.04	0.32
16.30	0.29	12,224	146.04	0.31
16.40	0.28	12,217	146.04	0.31
16.50	0.28	12,209	146.04	0.30
16.60	0.27	12,202	146.04	0.30
16.70	0.27	12,195	146.04	0.29
16.80	0.27	12,188	146.04	0.29
16.90	0.26	12,181	146.04	0.28
17.00	0.26	12,174	146.04	0.28
17.10	0.25	12,167	146.03	0.27
17.20	0.25	12,160	146.03	0.27
17.30	0.24	12,153	146.03	0.26
17.40	0.24	12,146	146.03	0.26
17.50	0.23	12,139	146.03	0.25
17.60	0.23	12,132	146.03	0.25
17.70	0.22	12,125	146.03	0.24
17.80	0.22	12,117	146.03	0.24
17.90	0.21	12,108	146.03	0.24
18.00	0.21	12,099	146.02	0.24
18.10	0.20	12,089	146.02	0.23
18.20	0.20	12,078	146.02	0.23
18.30	0.20	12,068	146.02	0.22
18.40	0.20	12,059	146.02	0.22
18.50	0.19	12,050	146.02	0.22
18.60	0.19	12,042	146.02	0.21
18.70	0.19	12,035	146.01	0.21
18.80	0.19	12,028	146.01	0.21
18.90	0.19	12,022	146.01	0.21
19.00	0.19	12,015	146.01	0.21
19.10	0.19	12,010	146.01	0.20
19.20	0.19	12,004	146.01	0.20
19.30	0.19	11,999	146.01	0.20
19.40	0.18	11,994	146.01	0.20
19.50	0.18	11,989	146.01	0.20
19.60	0.18	11,985	146.01	0.19
19.70	0.18	11,980	146.01	0.19
19.80	0.18	11,976	146.01	0.19
19.90	0.18	11,972	146.00	0.19
20.00	0.18	11,968	146.00	0.19
20.10	0.18	11,964	146.00	0.19
20.20	0.17	11,960	146.00	0.19
20.30	0.17	11,956	146.00	0.18
20.40	0.17	11,952	146.00	0.18
20.50	0.17	11,948	146.00	0.18
20.60	0.17	11,945	146.00	0.18
20.70	0.17	11,941	146.00	0.18

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	11,937	146.00	0.18
20.90	0.17	11,933	146.00	0.18
21.00	0.16	11,928	146.00	0.18
21.10	0.16	11,922	146.00	0.18
21.20	0.16	11,916	146.00	0.18
21.30	0.16	11,910	145.99	0.18
21.40	0.16	11,904	145.99	0.18
21.50	0.16	11,897	145.99	0.18
21.60	0.16	11,890	145.99	0.18
21.70	0.16	11,882	145.99	0.18
21.80	0.16	11,874	145.99	0.18
21.90	0.15	11,865	145.99	0.18
22.00	0.15	11,856	145.99	0.18
22.10	0.15	11,847	145.99	0.18
22.20	0.15	11,837	145.98	0.18
22.30	0.15	11,827	145.98	0.18
22.40	0.15	11,817	145.98	0.18
22.50	0.15	11,806	145.98	0.18
22.60	0.15	11,794	145.98	0.18
22.70	0.15	11,783	145.98	0.18
22.80	0.14	11,771	145.97	0.18
22.90	0.14	11,758	145.97	0.18
23.00	0.14	11,745	145.97	0.18
23.10	0.14	11,732	145.97	0.18
23.20	0.14	11,719	145.97	0.18
23.30	0.14	11,705	145.96	0.18
23.40	0.14	11,690	145.96	0.18
23.50	0.14	11,676	145.96	0.18
23.60	0.13	11,661	145.96	0.18
23.70	0.13	11,645	145.95	0.18
23.80	0.13	11,629	145.95	0.18
23.90	0.13	11,613	145.95	0.18
24.00	0.14	11,597	145.95	0.18
24.10	0.12	11,582	145.94	0.18
24.20	0.03	11,545	145.94	0.17
24.30	0.01	11,489	145.93	0.17
24.40	0.00	11,427	145.92	0.17
24.50	0.00	11,365	145.91	0.17
24.60	0.00	11,303	145.90	0.17
24.70	0.00	11,242	145.89	0.17
24.80	0.00	11,180	145.88	0.17
24.90	0.00	11,119	145.87	0.17
25.00	0.00	11,058	145.86	0.17
25.10	0.00	10,997	145.85	0.17
25.20	0.00	10,937	145.84	0.17
25.30	0.00	10,877	145.83	0.17
25.40	0.00	10,817	145.83	0.17
25.50	0.00	10,758	145.82	0.17
25.60	0.00	10,698	145.81	0.16
25.70	0.00	10,639	145.80	0.16
25.80	0.00	10,581	145.79	0.16
25.90	0.00	10,522	145.78	0.16

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,464	145.77	0.16
26.10	0.00	10,406	145.76	0.16
26.20	0.00	10,348	145.75	0.16
26.30	0.00	10,291	145.74	0.16
26.40	0.00	10,234	145.73	0.16
26.50	0.00	10,177	145.72	0.16
26.60	0.00	10,120	145.72	0.16
26.70	0.00	10,064	145.71	0.16
26.80	0.00	10,008	145.70	0.16
26.90	0.00	9,952	145.69	0.15
27.00	0.00	9,897	145.68	0.15
27.10	0.00	9,842	145.67	0.15
27.20	0.00	9,787	145.66	0.15
27.30	0.00	9,732	145.65	0.15
27.40	0.00	9,678	145.65	0.15
27.50	0.00	9,624	145.64	0.15
27.60	0.00	9,570	145.63	0.15
27.70	0.00	9,517	145.62	0.15
27.80	0.00	9,463	145.61	0.15
27.90	0.00	9,410	145.60	0.15
28.00	0.00	9,358	145.59	0.15
28.10	0.00	9,305	145.59	0.15
28.20	0.00	9,253	145.58	0.14
28.30	0.00	9,201	145.57	0.14
28.40	0.00	9,150	145.56	0.14
28.50	0.00	9,099	145.55	0.14
28.60	0.00	9,048	145.55	0.14
28.70	0.00	8,997	145.54	0.14
28.80	0.00	8,946	145.53	0.14
28.90	0.00	8,896	145.52	0.14
29.00	0.00	8,846	145.51	0.14
29.10	0.00	8,797	145.51	0.14
29.20	0.00	8,747	145.50	0.14
29.30	0.00	8,698	145.49	0.14
29.40	0.00	8,650	145.48	0.14
29.50	0.00	8,601	145.47	0.13
29.60	0.00	8,553	145.47	0.13
29.70	0.00	8,505	145.46	0.13
29.80	0.00	8,457	145.45	0.13
29.90	0.00	8,410	145.44	0.13
30.00	0.00	8,363	145.44	0.13
30.10	0.00	8,316	145.43	0.13
30.20	0.00	8,270	145.42	0.13
30.30	0.00	8,223	145.41	0.13
30.40	0.00	8,177	145.41	0.13
30.50	0.00	8,132	145.40	0.13
30.60	0.00	8,086	145.39	0.13
30.70	0.00	8,041	145.38	0.12
30.80	0.00	7,996	145.38	0.12
30.90	0.00	7,952	145.37	0.12
31.00	0.00	7,908	145.36	0.12
31.10	0.00	7,864	145.35	0.12

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,820	145.35	0.12
31.30	0.00	7,777	145.34	0.12
31.40	0.00	7,734	145.33	0.12
31.50	0.00	7,691	145.33	0.12
31.60	0.00	7,648	145.32	0.12
31.70	0.00	7,606	145.31	0.12
31.80	0.00	7,564	145.31	0.12
31.90	0.00	7,522	145.30	0.12
32.00	0.00	7,481	145.29	0.11
32.10	0.00	7,440	145.29	0.11
32.20	0.00	7,399	145.28	0.11
32.30	0.00	7,358	145.27	0.11
32.40	0.00	7,318	145.27	0.11
32.50	0.00	7,278	145.26	0.11
32.60	0.00	7,238	145.25	0.11
32.70	0.00	7,199	145.25	0.11
32.80	0.00	7,160	145.24	0.11
32.90	0.00	7,121	145.23	0.11
33.00	0.00	7,083	145.23	0.11
33.10	0.00	7,044	145.22	0.11
33.20	0.00	7,006	145.21	0.11
33.30	0.00	6,969	145.21	0.10
33.40	0.00	6,931	145.20	0.10
33.50	0.00	6,894	145.20	0.10
33.60	0.00	6,857	145.19	0.10
33.70	0.00	6,821	145.18	0.10
33.80	0.00	6,785	145.18	0.10
33.90	0.00	6,749	145.17	0.10
34.00	0.00	6,713	145.17	0.10
34.10	0.00	6,678	145.16	0.10
34.20	0.00	6,642	145.15	0.10
34.30	0.00	6,608	145.15	0.10
34.40	0.00	6,573	145.14	0.10
34.50	0.00	6,539	145.14	0.09
34.60	0.00	6,505	145.13	0.09
34.70	0.00	6,471	145.13	0.09
34.80	0.00	6,438	145.12	0.09
34.90	0.00	6,405	145.11	0.09
35.00	0.00	6,372	145.11	0.09
35.10	0.00	6,340	145.10	0.09
35.20	0.00	6,308	145.10	0.09
35.30	0.00	6,276	145.09	0.09
35.40	0.00	6,244	145.09	0.09
35.50	0.00	6,213	145.08	0.09
35.60	0.00	6,182	145.08	0.09
35.70	0.00	6,151	145.07	0.08
35.80	0.00	6,121	145.07	0.08
35.90	0.00	6,090	145.06	0.08
36.00	0.00	6,061	145.06	0.08
36.10	0.00	6,031	145.05	0.08
36.20	0.00	6,002	145.05	0.08
36.30	0.00	5,973	145.04	0.08

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,944	145.04	0.08
36.50	0.00	5,916	145.03	0.08
36.60	0.00	5,887	145.03	0.08
36.70	0.00	5,860	145.02	0.08
36.80	0.00	5,832	145.02	0.08
36.90	0.00	5,805	145.01	0.08
37.00	0.00	5,778	145.01	0.07
37.10	0.00	5,751	145.01	0.07
37.20	0.00	5,725	145.00	0.07
37.30	0.00	5,699	145.00	0.07
37.40	0.00	5,673	144.99	0.07
37.50	0.00	5,647	144.99	0.07
37.60	0.00	5,622	144.98	0.07
37.70	0.00	5,597	144.98	0.07
37.80	0.00	5,573	144.98	0.07
37.90	0.00	5,548	144.97	0.07
38.00	0.00	5,525	144.97	0.07
38.10	0.00	5,501	144.96	0.07
38.20	0.00	5,477	144.96	0.06
38.30	0.00	5,454	144.96	0.06
38.40	0.00	5,432	144.95	0.06
38.50	0.00	5,409	144.95	0.06
38.60	0.00	5,387	144.94	0.06
38.70	0.00	5,365	144.94	0.06
38.80	0.00	5,343	144.94	0.06
38.90	0.00	5,322	144.93	0.06
39.00	0.00	5,301	144.93	0.06
39.10	0.00	5,280	144.93	0.06
39.20	0.00	5,259	144.92	0.06
39.30	0.00	5,239	144.92	0.06
39.40	0.00	5,219	144.92	0.05
39.50	0.00	5,200	144.91	0.05
39.60	0.00	5,180	144.91	0.05
39.70	0.00	5,161	144.91	0.05
39.80	0.00	5,143	144.90	0.05
39.90	0.00	5,124	144.90	0.05
40.00	0.00	5,106	144.90	0.05

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 4.85" for Future 10 yr event
 Inflow = 9.46 cfs @ 12.17 hrs, Volume= 0.782 af
 Outflow = 7.73 cfs @ 12.25 hrs, Volume= 0.676 af, Atten= 18%, Lag= 4.6 min
 Primary = 7.73 cfs @ 12.25 hrs, Volume= 0.676 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 172.50' @ 12.25 hrs Surf.Area= 3,878 sf Storage= 10,956 cf

Plug-Flow detention time= 145.0 min calculated for 0.676 af (86% of inflow)
 Center-of-Mass det. time= 81.1 min (857.0 - 775.9)

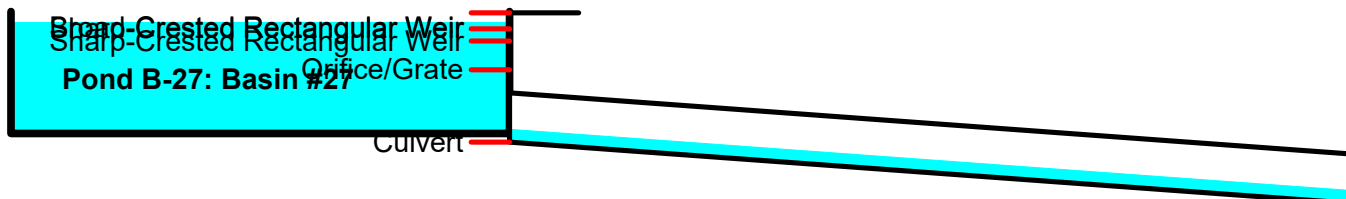
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

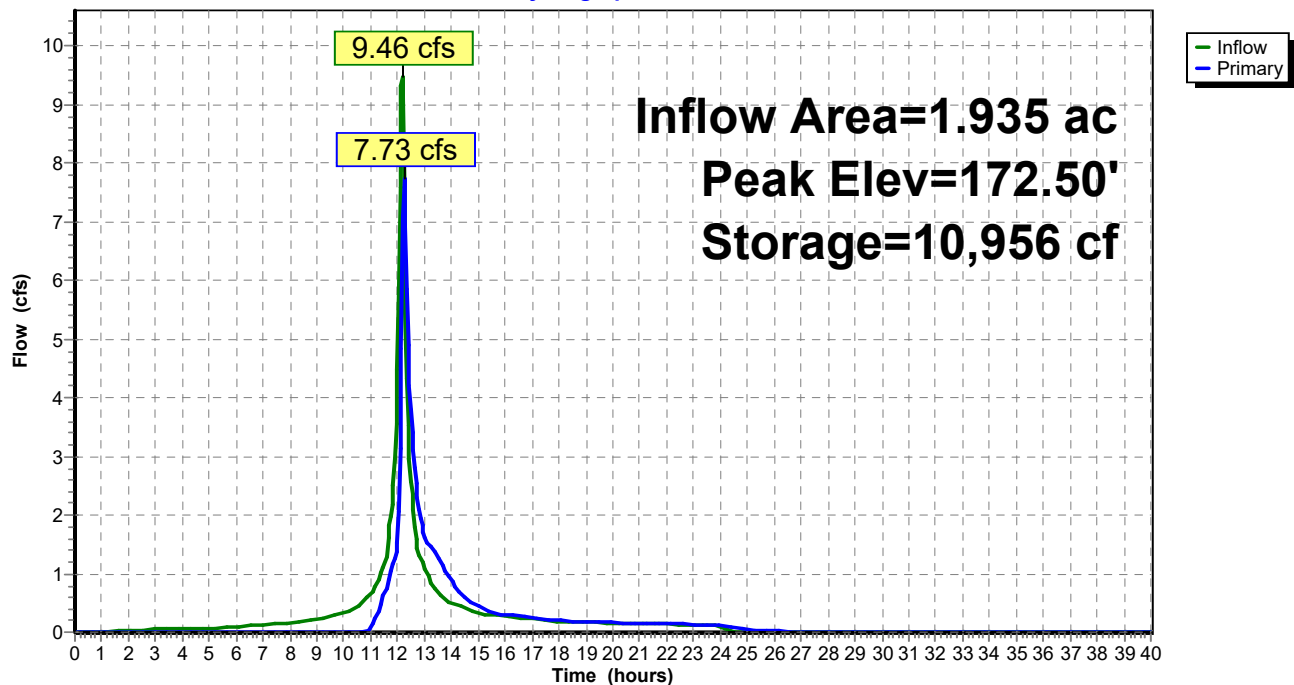
Primary OutFlow Max=7.69 cfs @ 12.25 hrs HW=172.50' (Free Discharge)

1=Culvert (Passes 7.69 cfs of 29.69 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.11 cfs @ 6.05 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.94 cfs @ 2.84 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 1.63 cfs @ 1.64 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	0	168.00	0.00
0.60	0.00	0	168.00	0.00
0.70	0.00	0	168.00	0.00
0.80	0.00	0	168.00	0.00
0.90	0.00	1	168.00	0.00
1.00	0.01	3	168.00	0.00
1.10	0.01	6	168.01	0.00
1.20	0.01	10	168.01	0.00
1.30	0.02	15	168.01	0.00
1.40	0.02	21	168.02	0.00
1.50	0.02	27	168.03	0.00
1.60	0.02	35	168.03	0.00
1.70	0.02	43	168.04	0.00
1.80	0.03	53	168.05	0.00
1.90	0.03	62	168.06	0.00
2.00	0.03	73	168.07	0.00
2.10	0.03	84	168.08	0.00
2.20	0.03	96	168.09	0.00
2.30	0.04	109	168.11	0.00
2.40	0.04	122	168.12	0.00
2.50	0.04	136	168.13	0.00
2.60	0.04	150	168.14	0.00
2.70	0.04	165	168.16	0.00
2.80	0.04	180	168.17	0.00
2.90	0.04	196	168.19	0.00
3.00	0.05	213	168.20	0.00
3.10	0.05	229	168.22	0.00
3.20	0.05	247	168.23	0.00
3.30	0.05	264	168.25	0.00
3.40	0.05	282	168.26	0.00
3.50	0.05	301	168.28	0.00
3.60	0.05	320	168.29	0.00
3.70	0.05	339	168.31	0.00
3.80	0.06	359	168.33	0.00
3.90	0.06	379	168.34	0.00
4.00	0.06	400	168.36	0.00
4.10	0.06	420	168.38	0.00
4.20	0.06	442	168.40	0.00
4.30	0.06	463	168.41	0.00
4.40	0.06	485	168.43	0.00
4.50	0.06	508	168.45	0.00
4.60	0.06	530	168.47	0.00
4.70	0.06	553	168.48	0.00
4.80	0.07	577	168.50	0.00
4.90	0.07	601	168.52	0.00
5.00	0.07	626	168.54	0.00
5.10	0.07	651	168.56	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	678	168.58	0.00
5.30	0.08	704	168.60	0.00
5.40	0.08	732	168.62	0.00
5.50	0.08	760	168.64	0.00
5.60	0.08	789	168.66	0.00
5.70	0.08	818	168.68	0.00
5.80	0.08	848	168.70	0.00
5.90	0.09	879	168.72	0.00
6.00	0.09	910	168.75	0.00
6.10	0.09	942	168.77	0.00
6.20	0.09	975	168.79	0.00
6.30	0.10	1,009	168.81	0.00
6.40	0.10	1,044	168.84	0.00
6.50	0.10	1,080	168.86	0.00
6.60	0.11	1,118	168.89	0.00
6.70	0.11	1,157	168.91	0.00
6.80	0.11	1,198	168.94	0.00
6.90	0.12	1,240	168.97	0.00
7.00	0.12	1,283	168.99	0.00
7.10	0.13	1,328	169.02	0.00
7.20	0.13	1,374	169.05	0.00
7.30	0.13	1,421	169.08	0.00
7.40	0.14	1,470	169.11	0.00
7.50	0.14	1,521	169.14	0.00
7.60	0.15	1,572	169.17	0.00
7.70	0.15	1,626	169.20	0.00
7.80	0.15	1,681	169.23	0.00
7.90	0.16	1,737	169.27	0.00
8.00	0.16	1,795	169.30	0.00
8.10	0.17	1,855	169.33	0.00
8.20	0.17	1,916	169.37	0.00
8.30	0.18	1,979	169.40	0.00
8.40	0.18	2,043	169.44	0.00
8.50	0.19	2,109	169.47	0.00
8.60	0.19	2,176	169.51	0.00
8.70	0.19	2,245	169.54	0.00
8.80	0.20	2,316	169.58	0.00
8.90	0.20	2,389	169.62	0.00
9.00	0.21	2,463	169.65	0.00
9.10	0.22	2,539	169.69	0.00
9.20	0.23	2,619	169.73	0.00
9.30	0.24	2,703	169.77	0.00
9.40	0.25	2,791	169.81	0.00
9.50	0.27	2,885	169.86	0.00
9.60	0.28	2,984	169.90	0.00
9.70	0.30	3,087	169.95	0.00
9.80	0.31	3,196	170.00	0.00
9.90	0.32	3,311	170.05	0.00
10.00	0.34	3,430	170.10	0.00
10.10	0.36	3,556	170.16	0.00
10.20	0.37	3,686	170.21	0.00
10.30	0.39	3,822	170.27	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	3,964	170.33	0.00
10.50	0.42	4,112	170.39	0.00
10.60	0.44	4,266	170.45	0.00
10.70	0.49	4,434	170.52	0.00
10.80	0.54	4,619	170.59	0.00
10.90	0.60	4,821	170.66	0.02
11.00	0.65	5,029	170.74	0.08
11.10	0.72	5,232	170.81	0.17
11.20	0.82	5,429	170.88	0.27
11.30	0.92	5,621	170.95	0.40
11.40	1.03	5,807	171.01	0.52
11.50	1.13	5,986	171.08	0.65
11.60	1.37	6,174	171.14	0.77
11.70	1.81	6,443	171.23	0.93
11.80	2.19	6,794	171.34	1.08
11.90	2.96	7,289	171.49	1.27
12.00	4.48	8,098	171.73	1.51
12.10	7.58	9,434	172.10	3.15
12.20	9.11	10,817	172.47	7.11
12.30	5.49	10,782	172.46	6.95
12.40	3.52	10,252	172.32	4.90
12.50	2.58	9,793	172.20	3.78
12.60	2.08	9,401	172.09	3.09
12.70	1.57	9,043	172.00	2.52
12.80	1.35	8,737	171.91	2.09
12.90	1.22	8,498	171.85	1.81
13.00	1.10	8,299	171.79	1.62
13.10	0.98	8,111	171.74	1.51
13.20	0.88	7,909	171.68	1.46
13.30	0.80	7,697	171.61	1.40
13.40	0.74	7,483	171.55	1.33
13.50	0.68	7,271	171.49	1.26
13.60	0.61	7,063	171.42	1.19
13.70	0.56	6,861	171.36	1.11
13.80	0.54	6,673	171.30	1.03
13.90	0.52	6,505	171.25	0.96
14.00	0.50	6,356	171.20	0.89
14.10	0.49	6,229	171.16	0.81
14.20	0.47	6,122	171.12	0.74
14.30	0.45	6,033	171.09	0.68
14.40	0.44	5,958	171.07	0.63
14.50	0.42	5,895	171.04	0.58
14.60	0.40	5,841	171.03	0.54
14.70	0.39	5,793	171.01	0.51
14.80	0.37	5,751	171.00	0.48
14.90	0.36	5,713	170.98	0.46
15.00	0.34	5,678	170.97	0.43
15.10	0.32	5,645	170.96	0.41
15.20	0.31	5,615	170.95	0.39
15.30	0.30	5,587	170.94	0.37
15.40	0.30	5,564	170.93	0.36
15.50	0.29	5,544	170.92	0.34

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	5,527	170.92	0.33
15.70	0.29	5,511	170.91	0.32
15.80	0.28	5,498	170.91	0.32
15.90	0.28	5,485	170.90	0.31
16.00	0.27	5,474	170.90	0.30
16.10	0.27	5,464	170.90	0.30
16.20	0.26	5,454	170.89	0.29
16.30	0.26	5,445	170.89	0.28
16.40	0.25	5,436	170.89	0.28
16.50	0.25	5,428	170.88	0.27
16.60	0.25	5,419	170.88	0.27
16.70	0.24	5,411	170.88	0.26
16.80	0.24	5,404	170.87	0.26
16.90	0.23	5,396	170.87	0.25
17.00	0.23	5,388	170.87	0.25
17.10	0.22	5,381	170.87	0.25
17.20	0.22	5,373	170.86	0.24
17.30	0.22	5,365	170.86	0.24
17.40	0.21	5,357	170.86	0.23
17.50	0.21	5,350	170.86	0.23
17.60	0.20	5,342	170.85	0.22
17.70	0.20	5,334	170.85	0.22
17.80	0.19	5,326	170.85	0.22
17.90	0.19	5,318	170.84	0.21
18.00	0.19	5,310	170.84	0.21
18.10	0.18	5,302	170.84	0.20
18.20	0.18	5,295	170.84	0.20
18.30	0.18	5,287	170.83	0.19
18.40	0.17	5,281	170.83	0.19
18.50	0.17	5,275	170.83	0.19
18.60	0.17	5,270	170.83	0.19
18.70	0.17	5,266	170.83	0.18
18.80	0.17	5,262	170.82	0.18
18.90	0.17	5,258	170.82	0.18
19.00	0.17	5,254	170.82	0.18
19.10	0.17	5,251	170.82	0.18
19.20	0.17	5,248	170.82	0.17
19.30	0.16	5,245	170.82	0.17
19.40	0.16	5,243	170.82	0.17
19.50	0.16	5,240	170.82	0.17
19.60	0.16	5,237	170.82	0.17
19.70	0.16	5,235	170.81	0.17
19.80	0.16	5,232	170.81	0.17
19.90	0.16	5,230	170.81	0.17
20.00	0.16	5,227	170.81	0.16
20.10	0.16	5,225	170.81	0.16
20.20	0.15	5,222	170.81	0.16
20.30	0.15	5,220	170.81	0.16
20.40	0.15	5,217	170.81	0.16
20.50	0.15	5,215	170.81	0.16
20.60	0.15	5,213	170.81	0.16
20.70	0.15	5,210	170.81	0.16

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	5,208	170.81	0.16
20.90	0.15	5,206	170.80	0.15
21.00	0.15	5,203	170.80	0.15
21.10	0.15	5,201	170.80	0.15
21.20	0.14	5,198	170.80	0.15
21.30	0.14	5,196	170.80	0.15
21.40	0.14	5,194	170.80	0.15
21.50	0.14	5,192	170.80	0.15
21.60	0.14	5,189	170.80	0.15
21.70	0.14	5,187	170.80	0.15
21.80	0.14	5,185	170.80	0.14
21.90	0.14	5,182	170.80	0.14
22.00	0.14	5,180	170.80	0.14
22.10	0.13	5,178	170.79	0.14
22.20	0.13	5,175	170.79	0.14
22.30	0.13	5,173	170.79	0.14
22.40	0.13	5,171	170.79	0.14
22.50	0.13	5,168	170.79	0.14
22.60	0.13	5,166	170.79	0.14
22.70	0.13	5,164	170.79	0.13
22.80	0.13	5,161	170.79	0.13
22.90	0.13	5,159	170.79	0.13
23.00	0.12	5,157	170.79	0.13
23.10	0.12	5,154	170.79	0.13
23.20	0.12	5,152	170.78	0.13
23.30	0.12	5,150	170.78	0.13
23.40	0.12	5,147	170.78	0.13
23.50	0.12	5,145	170.78	0.13
23.60	0.12	5,143	170.78	0.12
23.70	0.12	5,140	170.78	0.12
23.80	0.12	5,138	170.78	0.12
23.90	0.11	5,136	170.78	0.12
24.00	0.12	5,134	170.78	0.12
24.10	0.10	5,133	170.78	0.12
24.20	0.03	5,114	170.77	0.11
24.30	0.01	5,082	170.76	0.10
24.40	0.00	5,050	170.75	0.09
24.50	0.00	5,020	170.74	0.08
24.60	0.00	4,995	170.73	0.07
24.70	0.00	4,972	170.72	0.06
24.80	0.00	4,952	170.71	0.05
24.90	0.00	4,934	170.71	0.05
25.00	0.00	4,917	170.70	0.04
25.10	0.00	4,902	170.69	0.04
25.20	0.00	4,889	170.69	0.04
25.30	0.00	4,876	170.68	0.03
25.40	0.00	4,865	170.68	0.03
25.50	0.00	4,855	170.68	0.03
25.60	0.00	4,846	170.67	0.02
25.70	0.00	4,837	170.67	0.02
25.80	0.00	4,829	170.67	0.02
25.90	0.00	4,821	170.66	0.02

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,814	170.66	0.02
26.10	0.00	4,807	170.66	0.02
26.20	0.00	4,801	170.66	0.02
26.30	0.00	4,795	170.65	0.02
26.40	0.00	4,789	170.65	0.02
26.50	0.00	4,784	170.65	0.01
26.60	0.00	4,778	170.65	0.01
26.70	0.00	4,773	170.65	0.01
26.80	0.00	4,769	170.64	0.01
26.90	0.00	4,764	170.64	0.01
27.00	0.00	4,760	170.64	0.01
27.10	0.00	4,756	170.64	0.01
27.20	0.00	4,753	170.64	0.01
27.30	0.00	4,749	170.64	0.01
27.40	0.00	4,746	170.64	0.01
27.50	0.00	4,743	170.63	0.01
27.60	0.00	4,740	170.63	0.01
27.70	0.00	4,737	170.63	0.01
27.80	0.00	4,734	170.63	0.01
27.90	0.00	4,732	170.63	0.01
28.00	0.00	4,729	170.63	0.01
28.10	0.00	4,727	170.63	0.01
28.20	0.00	4,725	170.63	0.01
28.30	0.00	4,723	170.63	0.01
28.40	0.00	4,721	170.63	0.01
28.50	0.00	4,719	170.63	0.00
28.60	0.00	4,718	170.62	0.00
28.70	0.00	4,716	170.62	0.00
28.80	0.00	4,714	170.62	0.00
28.90	0.00	4,713	170.62	0.00
29.00	0.00	4,712	170.62	0.00
29.10	0.00	4,710	170.62	0.00
29.20	0.00	4,709	170.62	0.00
29.30	0.00	4,707	170.62	0.00
29.40	0.00	4,706	170.62	0.00
29.50	0.00	4,705	170.62	0.00
29.60	0.00	4,703	170.62	0.00
29.70	0.00	4,702	170.62	0.00
29.80	0.00	4,701	170.62	0.00
29.90	0.00	4,700	170.62	0.00
30.00	0.00	4,698	170.62	0.00
30.10	0.00	4,697	170.62	0.00
30.20	0.00	4,696	170.62	0.00
30.30	0.00	4,695	170.62	0.00
30.40	0.00	4,694	170.62	0.00
30.50	0.00	4,693	170.62	0.00
30.60	0.00	4,692	170.61	0.00
30.70	0.00	4,690	170.61	0.00
30.80	0.00	4,689	170.61	0.00
30.90	0.00	4,688	170.61	0.00
31.00	0.00	4,687	170.61	0.00
31.10	0.00	4,686	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,685	170.61	0.00
31.30	0.00	4,684	170.61	0.00
31.40	0.00	4,683	170.61	0.00
31.50	0.00	4,682	170.61	0.00
31.60	0.00	4,681	170.61	0.00
31.70	0.00	4,681	170.61	0.00
31.80	0.00	4,680	170.61	0.00
31.90	0.00	4,679	170.61	0.00
32.00	0.00	4,678	170.61	0.00
32.10	0.00	4,677	170.61	0.00
32.20	0.00	4,676	170.61	0.00
32.30	0.00	4,675	170.61	0.00
32.40	0.00	4,675	170.61	0.00
32.50	0.00	4,674	170.61	0.00
32.60	0.00	4,673	170.61	0.00
32.70	0.00	4,672	170.61	0.00
32.80	0.00	4,671	170.61	0.00
32.90	0.00	4,671	170.61	0.00
33.00	0.00	4,670	170.61	0.00
33.10	0.00	4,669	170.61	0.00
33.20	0.00	4,668	170.61	0.00
33.30	0.00	4,668	170.61	0.00
33.40	0.00	4,667	170.61	0.00
33.50	0.00	4,666	170.61	0.00
33.60	0.00	4,666	170.61	0.00
33.70	0.00	4,665	170.60	0.00
33.80	0.00	4,664	170.60	0.00
33.90	0.00	4,664	170.60	0.00
34.00	0.00	4,663	170.60	0.00
34.10	0.00	4,663	170.60	0.00
34.20	0.00	4,662	170.60	0.00
34.30	0.00	4,661	170.60	0.00
34.40	0.00	4,661	170.60	0.00
34.50	0.00	4,660	170.60	0.00
34.60	0.00	4,660	170.60	0.00
34.70	0.00	4,659	170.60	0.00
34.80	0.00	4,658	170.60	0.00
34.90	0.00	4,658	170.60	0.00
35.00	0.00	4,657	170.60	0.00
35.10	0.00	4,657	170.60	0.00
35.20	0.00	4,656	170.60	0.00
35.30	0.00	4,656	170.60	0.00
35.40	0.00	4,655	170.60	0.00
35.50	0.00	4,655	170.60	0.00
35.60	0.00	4,654	170.60	0.00
35.70	0.00	4,654	170.60	0.00
35.80	0.00	4,653	170.60	0.00
35.90	0.00	4,653	170.60	0.00
36.00	0.00	4,653	170.60	0.00
36.10	0.00	4,652	170.60	0.00
36.20	0.00	4,652	170.60	0.00
36.30	0.00	4,651	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,651	170.60	0.00
36.50	0.00	4,650	170.60	0.00
36.60	0.00	4,650	170.60	0.00
36.70	0.00	4,650	170.60	0.00
36.80	0.00	4,649	170.60	0.00
36.90	0.00	4,649	170.60	0.00
37.00	0.00	4,648	170.60	0.00
37.10	0.00	4,648	170.60	0.00
37.20	0.00	4,648	170.60	0.00
37.30	0.00	4,647	170.60	0.00
37.40	0.00	4,647	170.60	0.00
37.50	0.00	4,647	170.60	0.00
37.60	0.00	4,646	170.60	0.00
37.70	0.00	4,646	170.60	0.00
37.80	0.00	4,646	170.60	0.00
37.90	0.00	4,645	170.60	0.00
38.00	0.00	4,645	170.60	0.00
38.10	0.00	4,645	170.60	0.00
38.20	0.00	4,644	170.60	0.00
38.30	0.00	4,644	170.60	0.00
38.40	0.00	4,644	170.60	0.00
38.50	0.00	4,643	170.60	0.00
38.60	0.00	4,643	170.60	0.00
38.70	0.00	4,643	170.60	0.00
38.80	0.00	4,643	170.60	0.00
38.90	0.00	4,642	170.60	0.00
39.00	0.00	4,642	170.60	0.00
39.10	0.00	4,642	170.60	0.00
39.20	0.00	4,642	170.60	0.00
39.30	0.00	4,641	170.60	0.00
39.40	0.00	4,641	170.60	0.00
39.50	0.00	4,641	170.60	0.00
39.60	0.00	4,641	170.60	0.00
39.70	0.00	4,640	170.60	0.00
39.80	0.00	4,640	170.60	0.00
39.90	0.00	4,640	170.60	0.00
40.00	0.00	4,640	170.60	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 3.91" for Future 10 yr event
 Inflow = 9.39 cfs @ 12.17 hrs, Volume= 0.761 af
 Outflow = 7.46 cfs @ 12.25 hrs, Volume= 0.681 af, Atten= 21%, Lag= 4.7 min
 Primary = 7.46 cfs @ 12.25 hrs, Volume= 0.681 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 169.03' @ 12.25 hrs Surf.Area= 3,231 sf Storage= 6,504 cf

Plug-Flow detention time= 101.6 min calculated for 0.681 af (90% of inflow)
 Center-of-Mass det. time= 47.6 min (841.6 - 794.0)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=7.46 cfs @ 12.25 hrs HW=169.03' (Free Discharge)

1=Culvert (Passes 7.46 cfs of 12.53 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 7.46 cfs @ 3.98 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

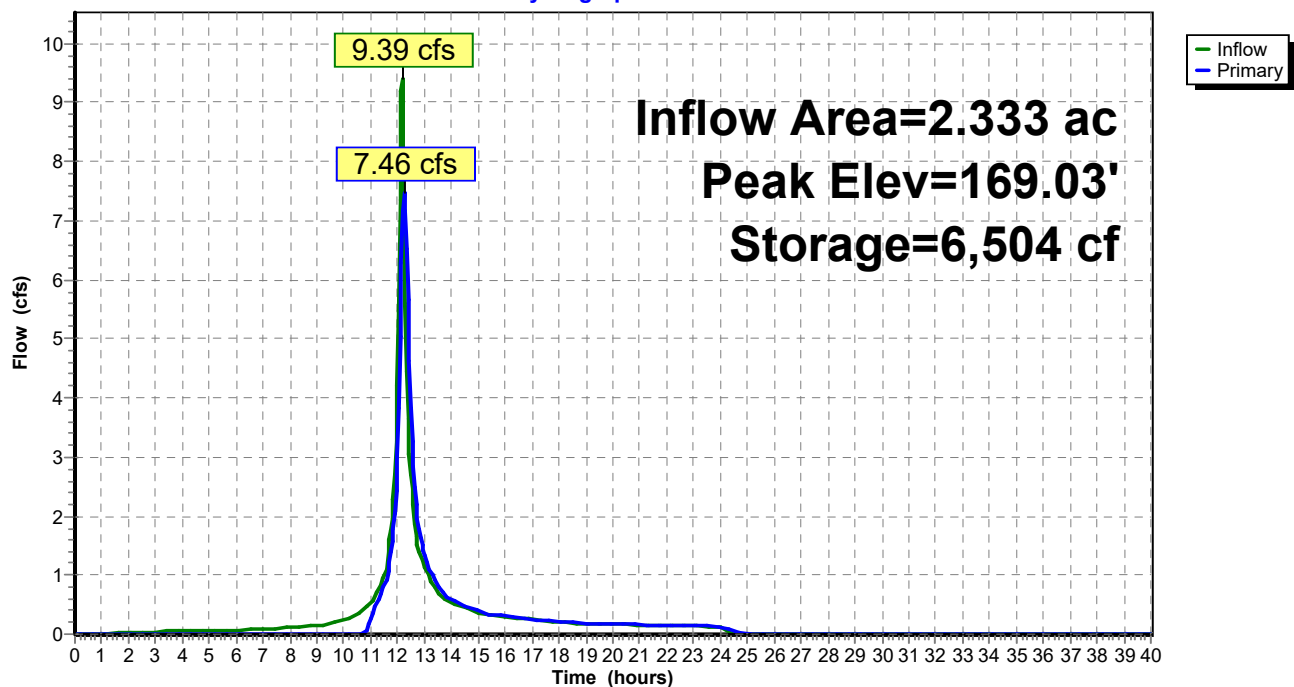
Sharp-Crested Rectangular Weir

Pond B-28: Basin #28

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	1	166.00	0.00
1.00	0.01	3	166.00	0.00
1.10	0.01	5	166.00	0.00
1.20	0.01	9	166.01	0.00
1.30	0.01	13	166.01	0.00
1.40	0.02	19	166.02	0.00
1.50	0.02	25	166.02	0.00
1.60	0.02	32	166.03	0.00
1.70	0.02	39	166.03	0.00
1.80	0.02	48	166.04	0.00
1.90	0.03	57	166.05	0.00
2.00	0.03	66	166.06	0.00
2.10	0.03	76	166.07	0.00
2.20	0.03	87	166.07	0.00
2.30	0.03	99	166.08	0.00
2.40	0.03	111	166.09	0.00
2.50	0.04	123	166.10	0.00
2.60	0.04	136	166.11	0.00
2.70	0.04	149	166.13	0.00
2.80	0.04	163	166.14	0.00
2.90	0.04	178	166.15	0.00
3.00	0.04	192	166.16	0.00
3.10	0.04	208	166.17	0.00
3.20	0.04	223	166.19	0.00
3.30	0.04	239	166.20	0.00
3.40	0.05	256	166.21	0.00
3.50	0.05	272	166.22	0.00
3.60	0.05	290	166.24	0.00
3.70	0.05	307	166.25	0.00
3.80	0.05	325	166.26	0.00
3.90	0.05	343	166.28	0.00
4.00	0.05	362	166.29	0.00
4.10	0.05	381	166.31	0.00
4.20	0.05	400	166.32	0.00
4.30	0.05	419	166.34	0.00
4.40	0.06	439	166.35	0.00
4.50	0.06	460	166.36	0.00
4.60	0.06	480	166.38	0.00
4.70	0.06	501	166.39	0.00
4.80	0.06	522	166.41	0.00
4.90	0.06	543	166.42	0.00
5.00	0.06	565	166.44	0.00
5.10	0.06	587	166.45	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	609	166.47	0.00
5.30	0.06	631	166.49	0.00
5.40	0.06	654	166.50	0.00
5.50	0.06	677	166.52	0.00
5.60	0.06	700	166.53	0.00
5.70	0.07	723	166.55	0.00
5.80	0.07	747	166.56	0.00
5.90	0.07	771	166.58	0.00
6.00	0.07	795	166.60	0.00
6.10	0.07	820	166.61	0.00
6.20	0.07	845	166.63	0.00
6.30	0.07	870	166.65	0.00
6.40	0.07	897	166.66	0.00
6.50	0.08	924	166.68	0.00
6.60	0.08	952	166.70	0.00
6.70	0.08	980	166.71	0.00
6.80	0.08	1,009	166.73	0.00
6.90	0.08	1,039	166.75	0.00
7.00	0.09	1,070	166.77	0.00
7.10	0.09	1,101	166.79	0.00
7.20	0.09	1,133	166.81	0.00
7.30	0.09	1,166	166.83	0.00
7.40	0.09	1,199	166.85	0.00
7.50	0.10	1,233	166.87	0.00
7.60	0.10	1,268	166.89	0.00
7.70	0.10	1,304	166.91	0.00
7.80	0.10	1,340	166.93	0.00
7.90	0.10	1,377	166.95	0.00
8.00	0.11	1,415	166.97	0.00
8.10	0.11	1,454	167.00	0.00
8.20	0.11	1,493	167.02	0.00
8.30	0.11	1,533	167.04	0.00
8.40	0.12	1,575	167.06	0.00
8.50	0.12	1,618	167.09	0.00
8.60	0.13	1,662	167.11	0.00
8.70	0.13	1,708	167.14	0.00
8.80	0.13	1,755	167.16	0.00
8.90	0.14	1,804	167.19	0.00
9.00	0.14	1,855	167.21	0.00
9.10	0.15	1,907	167.24	0.00
9.20	0.16	1,961	167.27	0.00
9.30	0.17	2,020	167.30	0.00
9.40	0.18	2,082	167.33	0.00
9.50	0.19	2,148	167.36	0.00
9.60	0.20	2,218	167.40	0.00
9.70	0.21	2,292	167.43	0.00
9.80	0.22	2,371	167.47	0.00
9.90	0.24	2,454	167.51	0.00
10.00	0.25	2,542	167.55	0.00
10.10	0.26	2,635	167.59	0.00
10.20	0.28	2,732	167.64	0.00
10.30	0.29	2,835	167.68	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	2,942	167.73	0.00
10.50	0.32	3,055	167.78	0.00
10.60	0.34	3,174	167.83	0.00
10.70	0.38	3,304	167.89	0.00
10.80	0.43	3,450	167.95	0.00
10.90	0.47	3,596	168.01	0.11
11.00	0.52	3,709	168.05	0.26
11.10	0.59	3,791	168.08	0.39
11.20	0.67	3,854	168.11	0.51
11.30	0.76	3,910	168.13	0.62
11.40	0.87	3,962	168.15	0.72
11.50	0.97	4,013	168.17	0.83
11.60	1.19	4,072	168.19	0.96
11.70	1.59	4,183	168.24	1.22
11.80	1.96	4,315	168.28	1.56
11.90	2.70	4,499	168.35	2.05
12.00	4.20	4,817	168.47	2.99
12.10	7.35	5,437	168.68	5.03
12.20	9.11	6,342	168.98	7.17
12.30	5.59	6,349	168.98	7.18
12.40	3.63	5,645	168.75	5.66
12.50	2.69	5,078	168.56	3.82
12.60	2.19	4,772	168.45	2.85
12.70	1.66	4,551	168.37	2.20
12.80	1.43	4,394	168.31	1.77
12.90	1.29	4,297	168.28	1.51
13.00	1.16	4,228	168.25	1.33
13.10	1.04	4,171	168.23	1.19
13.20	0.94	4,119	168.21	1.07
13.30	0.86	4,075	168.19	0.97
13.40	0.79	4,038	168.18	0.89
13.50	0.72	4,005	168.17	0.81
13.60	0.66	3,974	168.15	0.75
13.70	0.60	3,943	168.14	0.68
13.80	0.58	3,919	168.13	0.63
13.90	0.56	3,901	168.13	0.60
14.00	0.54	3,888	168.12	0.57
14.10	0.52	3,878	168.12	0.55
14.20	0.51	3,868	168.11	0.53
14.30	0.49	3,859	168.11	0.52
14.40	0.47	3,849	168.11	0.50
14.50	0.45	3,840	168.10	0.48
14.60	0.44	3,830	168.10	0.46
14.70	0.42	3,821	168.09	0.45
14.80	0.40	3,811	168.09	0.43
14.90	0.39	3,801	168.09	0.41
15.00	0.37	3,792	168.08	0.39
15.10	0.35	3,782	168.08	0.38
15.20	0.34	3,772	168.08	0.36
15.30	0.33	3,765	168.07	0.35
15.40	0.32	3,759	168.07	0.34
15.50	0.32	3,755	168.07	0.33

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.31	3,751	168.07	0.32
15.70	0.31	3,748	168.07	0.32
15.80	0.30	3,744	168.06	0.31
15.90	0.30	3,741	168.06	0.31
16.00	0.30	3,738	168.06	0.30
16.10	0.29	3,735	168.06	0.30
16.20	0.29	3,732	168.06	0.30
16.30	0.28	3,729	168.06	0.29
16.40	0.28	3,726	168.06	0.29
16.50	0.27	3,723	168.06	0.28
16.60	0.27	3,720	168.05	0.28
16.70	0.26	3,716	168.05	0.27
16.80	0.26	3,713	168.05	0.27
16.90	0.25	3,710	168.05	0.26
17.00	0.25	3,707	168.05	0.26
17.10	0.25	3,704	168.05	0.25
17.20	0.24	3,701	168.05	0.25
17.30	0.24	3,698	168.05	0.24
17.40	0.23	3,695	168.04	0.24
17.50	0.23	3,692	168.04	0.24
17.60	0.22	3,689	168.04	0.23
17.70	0.22	3,686	168.04	0.23
17.80	0.21	3,682	168.04	0.22
17.90	0.21	3,679	168.04	0.22
18.00	0.20	3,676	168.04	0.21
18.10	0.20	3,673	168.04	0.21
18.20	0.19	3,670	168.04	0.20
18.30	0.19	3,667	168.03	0.20
18.40	0.19	3,665	168.03	0.20
18.50	0.19	3,664	168.03	0.19
18.60	0.19	3,663	168.03	0.19
18.70	0.19	3,662	168.03	0.19
18.80	0.19	3,661	168.03	0.19
18.90	0.19	3,660	168.03	0.19
19.00	0.18	3,659	168.03	0.19
19.10	0.18	3,659	168.03	0.19
19.20	0.18	3,658	168.03	0.18
19.30	0.18	3,657	168.03	0.18
19.40	0.18	3,656	168.03	0.18
19.50	0.18	3,655	168.03	0.18
19.60	0.18	3,655	168.03	0.18
19.70	0.18	3,654	168.03	0.18
19.80	0.18	3,653	168.03	0.18
19.90	0.17	3,653	168.03	0.18
20.00	0.17	3,652	168.03	0.18
20.10	0.17	3,651	168.03	0.17
20.20	0.17	3,650	168.03	0.17
20.30	0.17	3,649	168.03	0.17
20.40	0.17	3,648	168.03	0.17
20.50	0.17	3,648	168.03	0.17
20.60	0.17	3,647	168.03	0.17
20.70	0.17	3,646	168.03	0.17

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	3,646	168.03	0.17
20.90	0.16	3,645	168.02	0.16
21.00	0.16	3,644	168.02	0.16
21.10	0.16	3,643	168.02	0.16
21.20	0.16	3,642	168.02	0.16
21.30	0.16	3,641	168.02	0.16
21.40	0.16	3,640	168.02	0.16
21.50	0.16	3,639	168.02	0.16
21.60	0.15	3,638	168.02	0.16
21.70	0.15	3,637	168.02	0.16
21.80	0.15	3,636	168.02	0.15
21.90	0.15	3,635	168.02	0.15
22.00	0.15	3,635	168.02	0.15
22.10	0.15	3,634	168.02	0.15
22.20	0.15	3,633	168.02	0.15
22.30	0.15	3,632	168.02	0.15
22.40	0.14	3,631	168.02	0.15
22.50	0.14	3,630	168.02	0.15
22.60	0.14	3,629	168.02	0.15
22.70	0.14	3,628	168.02	0.14
22.80	0.14	3,627	168.02	0.14
22.90	0.14	3,626	168.02	0.14
23.00	0.14	3,625	168.02	0.14
23.10	0.14	3,624	168.02	0.14
23.20	0.14	3,623	168.02	0.14
23.30	0.13	3,622	168.02	0.14
23.40	0.13	3,621	168.02	0.14
23.50	0.13	3,620	168.01	0.13
23.60	0.13	3,619	168.01	0.13
23.70	0.13	3,618	168.01	0.13
23.80	0.13	3,617	168.01	0.13
23.90	0.13	3,616	168.01	0.13
24.00	0.13	3,616	168.01	0.13
24.10	0.11	3,616	168.01	0.13
24.20	0.03	3,598	168.01	0.11
24.30	0.01	3,571	168.00	0.08
24.40	0.00	3,548	167.99	0.06
24.50	0.00	3,532	167.98	0.04
24.60	0.00	3,518	167.97	0.03
24.70	0.00	3,508	167.97	0.03
24.80	0.00	3,499	167.97	0.02
24.90	0.00	3,492	167.96	0.02
25.00	0.00	3,486	167.96	0.01
25.10	0.00	3,481	167.96	0.01
25.20	0.00	3,477	167.96	0.01
25.30	0.00	3,474	167.96	0.01
25.40	0.00	3,472	167.95	0.01
25.50	0.00	3,470	167.95	0.01
25.60	0.00	3,468	167.95	0.00
25.70	0.00	3,467	167.95	0.00
25.80	0.00	3,466	167.95	0.00
25.90	0.00	3,465	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,464	167.95	0.00
26.10	0.00	3,463	167.95	0.00
26.20	0.00	3,463	167.95	0.00
26.30	0.00	3,462	167.95	0.00
26.40	0.00	3,462	167.95	0.00
26.50	0.00	3,462	167.95	0.00
26.60	0.00	3,462	167.95	0.00
26.70	0.00	3,461	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

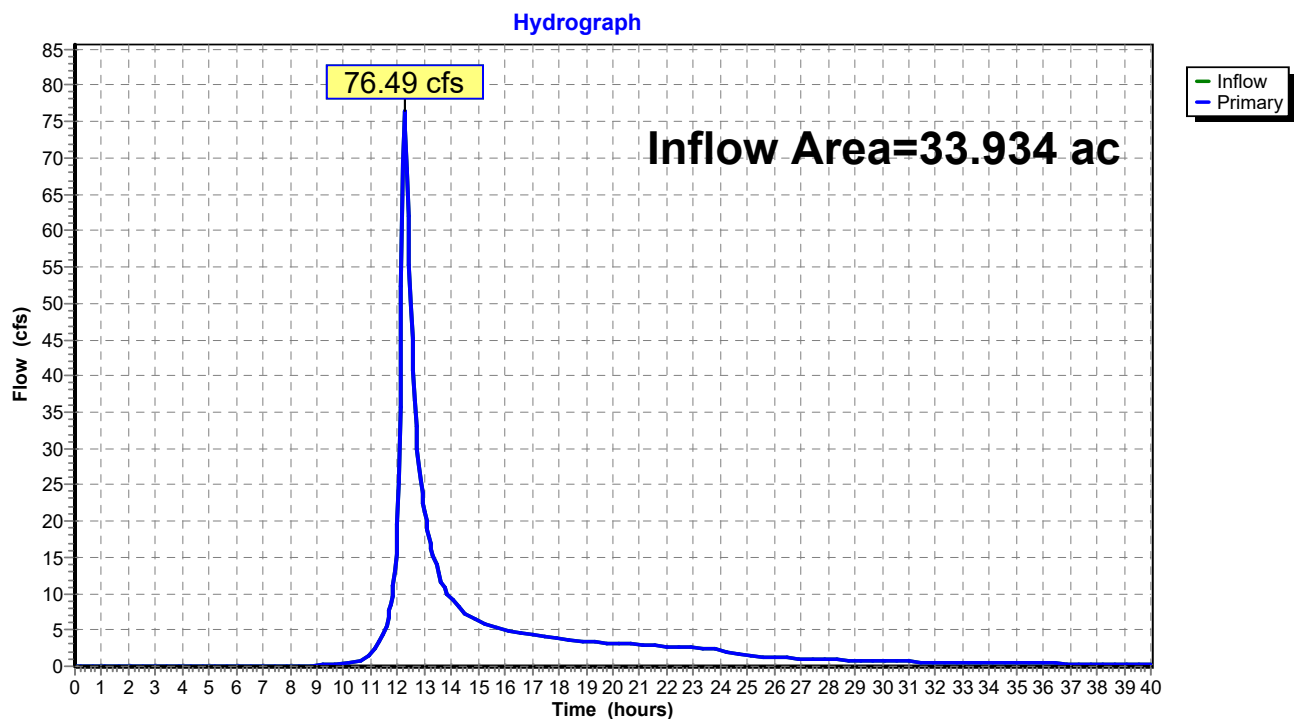
Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 3.37" for Future 10 yr event
Inflow = 76.49 cfs @ 12.26 hrs, Volume= 9.533 af
Primary = 76.49 cfs @ 12.26 hrs, Volume= 9.533 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.01	0.00	0.01
5.70	0.00	0.00	0.00	8.30	0.01	0.00	0.01
5.75	0.00	0.00	0.00	8.35	0.02	0.00	0.02
5.80	0.00	0.00	0.00	8.40	0.02	0.00	0.02
5.85	0.00	0.00	0.00	8.45	0.03	0.00	0.03
5.90	0.00	0.00	0.00	8.50	0.03	0.00	0.03
5.95	0.00	0.00	0.00	8.55	0.04	0.00	0.04
6.00	0.00	0.00	0.00	8.60	0.05	0.00	0.05
6.05	0.00	0.00	0.00	8.65	0.05	0.00	0.05
6.10	0.00	0.00	0.00	8.70	0.06	0.00	0.06
6.15	0.00	0.00	0.00	8.75	0.07	0.00	0.07
6.20	0.00	0.00	0.00	8.80	0.07	0.00	0.07
6.25	0.00	0.00	0.00	8.85	0.08	0.00	0.08
6.30	0.00	0.00	0.00	8.90	0.09	0.00	0.09
6.35	0.00	0.00	0.00	8.95	0.09	0.00	0.09
6.40	0.00	0.00	0.00	9.00	0.10	0.00	0.10
6.45	0.00	0.00	0.00	9.05	0.11	0.00	0.11
6.50	0.00	0.00	0.00	9.10	0.12	0.00	0.12
6.55	0.00	0.00	0.00	9.15	0.12	0.00	0.12
6.60	0.00	0.00	0.00	9.20	0.13	0.00	0.13
6.65	0.00	0.00	0.00	9.25	0.14	0.00	0.14
6.70	0.00	0.00	0.00	9.30	0.16	0.00	0.16
6.75	0.00	0.00	0.00	9.35	0.17	0.00	0.17
6.80	0.00	0.00	0.00	9.40	0.18	0.00	0.18
6.85	0.00	0.00	0.00	9.45	0.19	0.00	0.19
6.90	0.00	0.00	0.00	9.50	0.20	0.00	0.20
6.95	0.00	0.00	0.00	9.55	0.22	0.00	0.22
7.00	0.00	0.00	0.00	9.60	0.23	0.00	0.23
7.05	0.00	0.00	0.00	9.65	0.25	0.00	0.25
7.10	0.00	0.00	0.00	9.70	0.26	0.00	0.26
7.15	0.00	0.00	0.00	9.75	0.28	0.00	0.28
7.20	0.00	0.00	0.00	9.80	0.29	0.00	0.29
7.25	0.00	0.00	0.00	9.85	0.31	0.00	0.31
7.30	0.00	0.00	0.00	9.90	0.33	0.00	0.33
7.35	0.00	0.00	0.00	9.95	0.35	0.00	0.35
7.40	0.00	0.00	0.00	10.00	0.36	0.00	0.36
7.45	0.00	0.00	0.00	10.05	0.38	0.00	0.38
7.50	0.00	0.00	0.00	10.10	0.40	0.00	0.40
7.55	0.00	0.00	0.00	10.15	0.42	0.00	0.42
7.60	0.00	0.00	0.00	10.20	0.44	0.00	0.44
7.65	0.00	0.00	0.00	10.25	0.46	0.00	0.46
7.70	0.00	0.00	0.00	10.30	0.49	0.00	0.49
7.75	0.00	0.00	0.00	10.35	0.51	0.00	0.51

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.53	0.00	0.53	13.00	21.13	0.00	21.13
10.45	0.55	0.00	0.55	13.05	19.96	0.00	19.96
10.50	0.58	0.00	0.58	13.10	18.89	0.00	18.89
10.55	0.60	0.00	0.60	13.15	17.90	0.00	17.90
10.60	0.64	0.00	0.64	13.20	17.00	0.00	17.00
10.65	0.69	0.00	0.69	13.25	16.20	0.00	16.20
10.70	0.74	0.00	0.74	13.30	15.48	0.00	15.48
10.75	0.79	0.00	0.79	13.35	14.81	0.00	14.81
10.80	0.86	0.00	0.86	13.40	14.18	0.00	14.18
10.85	0.97	0.00	0.97	13.45	13.60	0.00	13.60
10.90	1.13	0.00	1.13	13.50	13.03	0.00	13.03
10.95	1.33	0.00	1.33	13.55	12.48	0.00	12.48
11.00	1.55	0.00	1.55	13.60	11.95	0.00	11.95
11.05	1.78	0.00	1.78	13.65	11.45	0.00	11.45
11.10	2.04	0.00	2.04	13.70	11.00	0.00	11.00
11.15	2.33	0.00	2.33	13.75	10.62	0.00	10.62
11.20	2.63	0.00	2.63	13.80	10.27	0.00	10.27
11.25	2.95	0.00	2.95	13.85	9.96	0.00	9.96
11.30	3.29	0.00	3.29	13.90	9.68	0.00	9.68
11.35	3.65	0.00	3.65	13.95	9.43	0.00	9.43
11.40	4.01	0.00	4.01	14.00	9.19	0.00	9.19
11.45	4.37	0.00	4.37	14.05	8.97	0.00	8.97
11.50	4.75	0.00	4.75	14.10	8.76	0.00	8.76
11.55	5.17	0.00	5.17	14.15	8.57	0.00	8.57
11.60	5.86	0.00	5.86	14.20	8.38	0.00	8.38
11.65	6.79	0.00	6.79	14.25	8.20	0.00	8.20
11.70	7.69	0.00	7.69	14.30	8.03	0.00	8.03
11.75	8.53	0.00	8.53	14.35	7.86	0.00	7.86
11.80	9.63	0.00	9.63	14.40	7.71	0.00	7.71
11.85	11.07	0.00	11.07	14.45	7.56	0.00	7.56
11.90	12.98	0.00	12.98	14.50	7.41	0.00	7.41
11.95	15.53	0.00	15.53	14.55	7.27	0.00	7.27
12.00	19.48	0.00	19.48	14.60	7.14	0.00	7.14
12.05	25.46	0.00	25.46	14.65	7.01	0.00	7.01
12.10	35.78	0.00	35.78	14.70	6.87	0.00	6.87
12.15	52.49	0.00	52.49	14.75	6.74	0.00	6.74
12.20	69.43	0.00	69.43	14.80	6.61	0.00	6.61
12.25	76.17	0.00	76.17	14.85	6.50	0.00	6.50
12.30	74.18	0.00	74.18	14.90	6.39	0.00	6.39
12.35	68.62	0.00	68.62	14.95	6.28	0.00	6.28
12.40	61.90	0.00	61.90	15.00	6.17	0.00	6.17
12.45	55.17	0.00	55.17	15.05	6.06	0.00	6.06
12.50	49.58	0.00	49.58	15.10	5.95	0.00	5.95
12.55	45.05	0.00	45.05	15.15	5.85	0.00	5.85
12.60	40.87	0.00	40.87	15.20	5.76	0.00	5.76
12.65	36.72	0.00	36.72	15.25	5.68	0.00	5.68
12.70	33.04	0.00	33.04	15.30	5.60	0.00	5.60
12.75	30.04	0.00	30.04	15.35	5.54	0.00	5.54
12.80	27.61	0.00	27.61	15.40	5.48	0.00	5.48
12.85	25.61	0.00	25.61	15.45	5.42	0.00	5.42
12.90	23.91	0.00	23.91	15.50	5.37	0.00	5.37
12.95	22.43	0.00	22.43	15.55	5.32	0.00	5.32

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	5.28	0.00	5.28	18.20	3.71	0.00	3.71
15.65	5.23	0.00	5.23	18.25	3.68	0.00	3.68
15.70	5.19	0.00	5.19	18.30	3.66	0.00	3.66
15.75	5.15	0.00	5.15	18.35	3.64	0.00	3.64
15.80	5.11	0.00	5.11	18.40	3.63	0.00	3.63
15.85	5.07	0.00	5.07	18.45	3.61	0.00	3.61
15.90	5.03	0.00	5.03	18.50	3.59	0.00	3.59
15.95	4.99	0.00	4.99	18.55	3.58	0.00	3.58
16.00	4.96	0.00	4.96	18.60	3.56	0.00	3.56
16.05	4.92	0.00	4.92	18.65	3.54	0.00	3.54
16.10	4.88	0.00	4.88	18.70	3.53	0.00	3.53
16.15	4.85	0.00	4.85	18.75	3.51	0.00	3.51
16.20	4.82	0.00	4.82	18.80	3.50	0.00	3.50
16.25	4.79	0.00	4.79	18.85	3.49	0.00	3.49
16.30	4.76	0.00	4.76	18.90	3.47	0.00	3.47
16.35	4.73	0.00	4.73	18.95	3.46	0.00	3.46
16.40	4.70	0.00	4.70	19.00	3.44	0.00	3.44
16.45	4.67	0.00	4.67	19.05	3.43	0.00	3.43
16.50	4.64	0.00	4.64	19.10	3.42	0.00	3.42
16.55	4.61	0.00	4.61	19.15	3.40	0.00	3.40
16.60	4.58	0.00	4.58	19.20	3.39	0.00	3.39
16.65	4.55	0.00	4.55	19.25	3.38	0.00	3.38
16.70	4.52	0.00	4.52	19.30	3.36	0.00	3.36
16.75	4.50	0.00	4.50	19.35	3.35	0.00	3.35
16.80	4.47	0.00	4.47	19.40	3.34	0.00	3.34
16.85	4.44	0.00	4.44	19.45	3.32	0.00	3.32
16.90	4.41	0.00	4.41	19.50	3.31	0.00	3.31
16.95	4.38	0.00	4.38	19.55	3.30	0.00	3.30
17.00	4.35	0.00	4.35	19.60	3.29	0.00	3.29
17.05	4.33	0.00	4.33	19.65	3.27	0.00	3.27
17.10	4.30	0.00	4.30	19.70	3.26	0.00	3.26
17.15	4.28	0.00	4.28	19.75	3.25	0.00	3.25
17.20	4.25	0.00	4.25	19.80	3.24	0.00	3.24
17.25	4.22	0.00	4.22	19.85	3.23	0.00	3.23
17.30	4.20	0.00	4.20	19.90	3.22	0.00	3.22
17.35	4.17	0.00	4.17	19.95	3.21	0.00	3.21
17.40	4.14	0.00	4.14	20.00	3.19	0.00	3.19
17.45	4.11	0.00	4.11	20.05	3.18	0.00	3.18
17.50	4.09	0.00	4.09	20.10	3.17	0.00	3.17
17.55	4.06	0.00	4.06	20.15	3.16	0.00	3.16
17.60	4.03	0.00	4.03	20.20	3.15	0.00	3.15
17.65	4.01	0.00	4.01	20.25	3.14	0.00	3.14
17.70	3.98	0.00	3.98	20.30	3.13	0.00	3.13
17.75	3.95	0.00	3.95	20.35	3.11	0.00	3.11
17.80	3.93	0.00	3.93	20.40	3.10	0.00	3.10
17.85	3.90	0.00	3.90	20.45	3.09	0.00	3.09
17.90	3.87	0.00	3.87	20.50	3.08	0.00	3.08
17.95	3.84	0.00	3.84	20.55	3.07	0.00	3.07
18.00	3.82	0.00	3.82	20.60	3.06	0.00	3.06
18.05	3.79	0.00	3.79	20.65	3.05	0.00	3.05
18.10	3.76	0.00	3.76	20.70	3.04	0.00	3.04
18.15	3.73	0.00	3.73	20.75	3.03	0.00	3.03

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	3.02	0.00	3.02	23.40	2.49	0.00	2.49
20.85	3.01	0.00	3.01	23.45	2.48	0.00	2.48
20.90	3.00	0.00	3.00	23.50	2.47	0.00	2.47
20.95	2.99	0.00	2.99	23.55	2.46	0.00	2.46
21.00	2.97	0.00	2.97	23.60	2.45	0.00	2.45
21.05	2.96	0.00	2.96	23.65	2.44	0.00	2.44
21.10	2.95	0.00	2.95	23.70	2.43	0.00	2.43
21.15	2.94	0.00	2.94	23.75	2.43	0.00	2.43
21.20	2.93	0.00	2.93	23.80	2.42	0.00	2.42
21.25	2.92	0.00	2.92	23.85	2.41	0.00	2.41
21.30	2.91	0.00	2.91	23.90	2.40	0.00	2.40
21.35	2.90	0.00	2.90	23.95	2.39	0.00	2.39
21.40	2.89	0.00	2.89	24.00	2.41	0.00	2.41
21.45	2.88	0.00	2.88	24.05	2.42	0.00	2.42
21.50	2.87	0.00	2.87	24.10	2.32	0.00	2.32
21.55	2.86	0.00	2.86	24.15	2.13	0.00	2.13
21.60	2.85	0.00	2.85	24.20	1.97	0.00	1.97
21.65	2.84	0.00	2.84	24.25	1.87	0.00	1.87
21.70	2.83	0.00	2.83	24.30	1.80	0.00	1.80
21.75	2.82	0.00	2.82	24.35	1.76	0.00	1.76
21.80	2.81	0.00	2.81	24.40	1.72	0.00	1.72
21.85	2.80	0.00	2.80	24.45	1.69	0.00	1.69
21.90	2.79	0.00	2.79	24.50	1.66	0.00	1.66
21.95	2.78	0.00	2.78	24.55	1.64	0.00	1.64
22.00	2.77	0.00	2.77	24.60	1.61	0.00	1.61
22.05	2.76	0.00	2.76	24.65	1.59	0.00	1.59
22.10	2.75	0.00	2.75	24.70	1.57	0.00	1.57
22.15	2.74	0.00	2.74	24.75	1.55	0.00	1.55
22.20	2.73	0.00	2.73	24.80	1.54	0.00	1.54
22.25	2.72	0.00	2.72	24.85	1.52	0.00	1.52
22.30	2.71	0.00	2.71	24.90	1.50	0.00	1.50
22.35	2.70	0.00	2.70	24.95	1.48	0.00	1.48
22.40	2.69	0.00	2.69	25.00	1.47	0.00	1.47
22.45	2.68	0.00	2.68	25.05	1.45	0.00	1.45
22.50	2.67	0.00	2.67	25.10	1.44	0.00	1.44
22.55	2.66	0.00	2.66	25.15	1.42	0.00	1.42
22.60	2.65	0.00	2.65	25.20	1.41	0.00	1.41
22.65	2.64	0.00	2.64	25.25	1.40	0.00	1.40
22.70	2.63	0.00	2.63	25.30	1.38	0.00	1.38
22.75	2.62	0.00	2.62	25.35	1.37	0.00	1.37
22.80	2.61	0.00	2.61	25.40	1.35	0.00	1.35
22.85	2.60	0.00	2.60	25.45	1.34	0.00	1.34
22.90	2.59	0.00	2.59	25.50	1.33	0.00	1.33
22.95	2.58	0.00	2.58	25.55	1.31	0.00	1.31
23.00	2.57	0.00	2.57	25.60	1.30	0.00	1.30
23.05	2.56	0.00	2.56	25.65	1.29	0.00	1.29
23.10	2.55	0.00	2.55	25.70	1.28	0.00	1.28
23.15	2.54	0.00	2.54	25.75	1.27	0.00	1.27
23.20	2.53	0.00	2.53	25.80	1.26	0.00	1.26
23.25	2.52	0.00	2.52	25.85	1.25	0.00	1.25
23.30	2.51	0.00	2.51	25.90	1.23	0.00	1.23
23.35	2.50	0.00	2.50	25.95	1.22	0.00	1.22

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.21	0.00	1.21	28.60	0.83	0.00	0.83
26.05	1.20	0.00	1.20	28.65	0.82	0.00	0.82
26.10	1.19	0.00	1.19	28.70	0.82	0.00	0.82
26.15	1.18	0.00	1.18	28.75	0.81	0.00	0.81
26.20	1.17	0.00	1.17	28.80	0.80	0.00	0.80
26.25	1.16	0.00	1.16	28.85	0.80	0.00	0.80
26.30	1.15	0.00	1.15	28.90	0.79	0.00	0.79
26.35	1.14	0.00	1.14	28.95	0.79	0.00	0.79
26.40	1.14	0.00	1.14	29.00	0.78	0.00	0.78
26.45	1.13	0.00	1.13	29.05	0.78	0.00	0.78
26.50	1.12	0.00	1.12	29.10	0.77	0.00	0.77
26.55	1.11	0.00	1.11	29.15	0.77	0.00	0.77
26.60	1.10	0.00	1.10	29.20	0.76	0.00	0.76
26.65	1.09	0.00	1.09	29.25	0.76	0.00	0.76
26.70	1.08	0.00	1.08	29.30	0.75	0.00	0.75
26.75	1.07	0.00	1.07	29.35	0.75	0.00	0.75
26.80	1.07	0.00	1.07	29.40	0.75	0.00	0.75
26.85	1.06	0.00	1.06	29.45	0.74	0.00	0.74
26.90	1.05	0.00	1.05	29.50	0.74	0.00	0.74
26.95	1.04	0.00	1.04	29.55	0.73	0.00	0.73
27.00	1.03	0.00	1.03	29.60	0.73	0.00	0.73
27.05	1.03	0.00	1.03	29.65	0.72	0.00	0.72
27.10	1.02	0.00	1.02	29.70	0.72	0.00	0.72
27.15	1.01	0.00	1.01	29.75	0.72	0.00	0.72
27.20	1.00	0.00	1.00	29.80	0.71	0.00	0.71
27.25	1.00	0.00	1.00	29.85	0.71	0.00	0.71
27.30	0.99	0.00	0.99	29.90	0.70	0.00	0.70
27.35	0.98	0.00	0.98	29.95	0.70	0.00	0.70
27.40	0.98	0.00	0.98	30.00	0.70	0.00	0.70
27.45	0.97	0.00	0.97	30.05	0.69	0.00	0.69
27.50	0.96	0.00	0.96	30.10	0.69	0.00	0.69
27.55	0.96	0.00	0.96	30.15	0.68	0.00	0.68
27.60	0.95	0.00	0.95	30.20	0.68	0.00	0.68
27.65	0.94	0.00	0.94	30.25	0.68	0.00	0.68
27.70	0.94	0.00	0.94	30.30	0.67	0.00	0.67
27.75	0.93	0.00	0.93	30.35	0.67	0.00	0.67
27.80	0.92	0.00	0.92	30.40	0.66	0.00	0.66
27.85	0.92	0.00	0.92	30.45	0.66	0.00	0.66
27.90	0.91	0.00	0.91	30.50	0.66	0.00	0.66
27.95	0.90	0.00	0.90	30.55	0.65	0.00	0.65
28.00	0.90	0.00	0.90	30.60	0.65	0.00	0.65
28.05	0.89	0.00	0.89	30.65	0.65	0.00	0.65
28.10	0.89	0.00	0.89	30.70	0.64	0.00	0.64
28.15	0.88	0.00	0.88	30.75	0.64	0.00	0.64
28.20	0.87	0.00	0.87	30.80	0.64	0.00	0.64
28.25	0.87	0.00	0.87	30.85	0.63	0.00	0.63
28.30	0.86	0.00	0.86	30.90	0.63	0.00	0.63
28.35	0.86	0.00	0.86	30.95	0.63	0.00	0.63
28.40	0.85	0.00	0.85	31.00	0.62	0.00	0.62
28.45	0.84	0.00	0.84	31.05	0.62	0.00	0.62
28.50	0.84	0.00	0.84	31.10	0.62	0.00	0.62
28.55	0.83	0.00	0.83	31.15	0.61	0.00	0.61

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.61	0.00	0.61	33.80	0.47	0.00	0.47
31.25	0.61	0.00	0.61	33.85	0.46	0.00	0.46
31.30	0.60	0.00	0.60	33.90	0.46	0.00	0.46
31.35	0.60	0.00	0.60	33.95	0.46	0.00	0.46
31.40	0.60	0.00	0.60	34.00	0.46	0.00	0.46
31.45	0.59	0.00	0.59	34.05	0.46	0.00	0.46
31.50	0.59	0.00	0.59	34.10	0.45	0.00	0.45
31.55	0.59	0.00	0.59	34.15	0.45	0.00	0.45
31.60	0.58	0.00	0.58	34.20	0.45	0.00	0.45
31.65	0.58	0.00	0.58	34.25	0.45	0.00	0.45
31.70	0.58	0.00	0.58	34.30	0.44	0.00	0.44
31.75	0.57	0.00	0.57	34.35	0.44	0.00	0.44
31.80	0.57	0.00	0.57	34.40	0.44	0.00	0.44
31.85	0.57	0.00	0.57	34.45	0.44	0.00	0.44
31.90	0.56	0.00	0.56	34.50	0.44	0.00	0.44
31.95	0.56	0.00	0.56	34.55	0.43	0.00	0.43
32.00	0.56	0.00	0.56	34.60	0.43	0.00	0.43
32.05	0.56	0.00	0.56	34.65	0.43	0.00	0.43
32.10	0.55	0.00	0.55	34.70	0.43	0.00	0.43
32.15	0.55	0.00	0.55	34.75	0.43	0.00	0.43
32.20	0.55	0.00	0.55	34.80	0.42	0.00	0.42
32.25	0.54	0.00	0.54	34.85	0.42	0.00	0.42
32.30	0.54	0.00	0.54	34.90	0.42	0.00	0.42
32.35	0.54	0.00	0.54	34.95	0.42	0.00	0.42
32.40	0.54	0.00	0.54	35.00	0.42	0.00	0.42
32.45	0.53	0.00	0.53	35.05	0.41	0.00	0.41
32.50	0.53	0.00	0.53	35.10	0.41	0.00	0.41
32.55	0.53	0.00	0.53	35.15	0.41	0.00	0.41
32.60	0.52	0.00	0.52	35.20	0.41	0.00	0.41
32.65	0.52	0.00	0.52	35.25	0.41	0.00	0.41
32.70	0.52	0.00	0.52	35.30	0.40	0.00	0.40
32.75	0.52	0.00	0.52	35.35	0.40	0.00	0.40
32.80	0.51	0.00	0.51	35.40	0.40	0.00	0.40
32.85	0.51	0.00	0.51	35.45	0.40	0.00	0.40
32.90	0.51	0.00	0.51	35.50	0.40	0.00	0.40
32.95	0.51	0.00	0.51	35.55	0.40	0.00	0.40
33.00	0.50	0.00	0.50	35.60	0.39	0.00	0.39
33.05	0.50	0.00	0.50	35.65	0.39	0.00	0.39
33.10	0.50	0.00	0.50	35.70	0.39	0.00	0.39
33.15	0.50	0.00	0.50	35.75	0.39	0.00	0.39
33.20	0.49	0.00	0.49	35.80	0.39	0.00	0.39
33.25	0.49	0.00	0.49	35.85	0.38	0.00	0.38
33.30	0.49	0.00	0.49	35.90	0.38	0.00	0.38
33.35	0.49	0.00	0.49	35.95	0.38	0.00	0.38
33.40	0.48	0.00	0.48	36.00	0.38	0.00	0.38
33.45	0.48	0.00	0.48	36.05	0.38	0.00	0.38
33.50	0.48	0.00	0.48	36.10	0.38	0.00	0.38
33.55	0.48	0.00	0.48	36.15	0.37	0.00	0.37
33.60	0.47	0.00	0.47	36.20	0.37	0.00	0.37
33.65	0.47	0.00	0.47	36.25	0.37	0.00	0.37
33.70	0.47	0.00	0.47	36.30	0.37	0.00	0.37
33.75	0.47	0.00	0.47	36.35	0.37	0.00	0.37

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.37	0.00	0.37	39.00	0.28	0.00	0.28
36.45	0.36	0.00	0.36	39.05	0.28	0.00	0.28
36.50	0.36	0.00	0.36	39.10	0.27	0.00	0.27
36.55	0.36	0.00	0.36	39.15	0.27	0.00	0.27
36.60	0.36	0.00	0.36	39.20	0.27	0.00	0.27
36.65	0.36	0.00	0.36	39.25	0.27	0.00	0.27
36.70	0.35	0.00	0.35	39.30	0.27	0.00	0.27
36.75	0.35	0.00	0.35	39.35	0.27	0.00	0.27
36.80	0.35	0.00	0.35	39.40	0.26	0.00	0.26
36.85	0.35	0.00	0.35	39.45	0.26	0.00	0.26
36.90	0.35	0.00	0.35	39.50	0.26	0.00	0.26
36.95	0.35	0.00	0.35	39.55	0.26	0.00	0.26
37.00	0.34	0.00	0.34	39.60	0.26	0.00	0.26
37.05	0.34	0.00	0.34	39.65	0.26	0.00	0.26
37.10	0.34	0.00	0.34	39.70	0.25	0.00	0.25
37.15	0.34	0.00	0.34	39.75	0.25	0.00	0.25
37.20	0.34	0.00	0.34	39.80	0.25	0.00	0.25
37.25	0.34	0.00	0.34	39.85	0.25	0.00	0.25
37.30	0.33	0.00	0.33	39.90	0.25	0.00	0.25
37.35	0.33	0.00	0.33	39.95	0.25	0.00	0.25
37.40	0.33	0.00	0.33	40.00	0.24	0.00	0.24
37.45	0.33	0.00	0.33				
37.50	0.33	0.00	0.33				
37.55	0.33	0.00	0.33				
37.60	0.32	0.00	0.32				
37.65	0.32	0.00	0.32				
37.70	0.32	0.00	0.32				
37.75	0.32	0.00	0.32				
37.80	0.32	0.00	0.32				
37.85	0.32	0.00	0.32				
37.90	0.31	0.00	0.31				
37.95	0.31	0.00	0.31				
38.00	0.31	0.00	0.31				
38.05	0.31	0.00	0.31				
38.10	0.31	0.00	0.31				
38.15	0.31	0.00	0.31				
38.20	0.30	0.00	0.30				
38.25	0.30	0.00	0.30				
38.30	0.30	0.00	0.30				
38.35	0.30	0.00	0.30				
38.40	0.30	0.00	0.30				
38.45	0.30	0.00	0.30				
38.50	0.29	0.00	0.29				
38.55	0.29	0.00	0.29				
38.60	0.29	0.00	0.29				
38.65	0.29	0.00	0.29				
38.70	0.29	0.00	0.29				
38.75	0.29	0.00	0.29				
38.80	0.28	0.00	0.28				
38.85	0.28	0.00	0.28				
38.90	0.28	0.00	0.28				
38.95	0.28	0.00	0.28				

Summary for Subcatchment 18I: PDA-18 (impervious)

Runoff = 4.54 cfs @ 12.17 hrs, Volume= 0.405 af, Depth=10.80"
 Routed to Pond B-18 : Basin #18

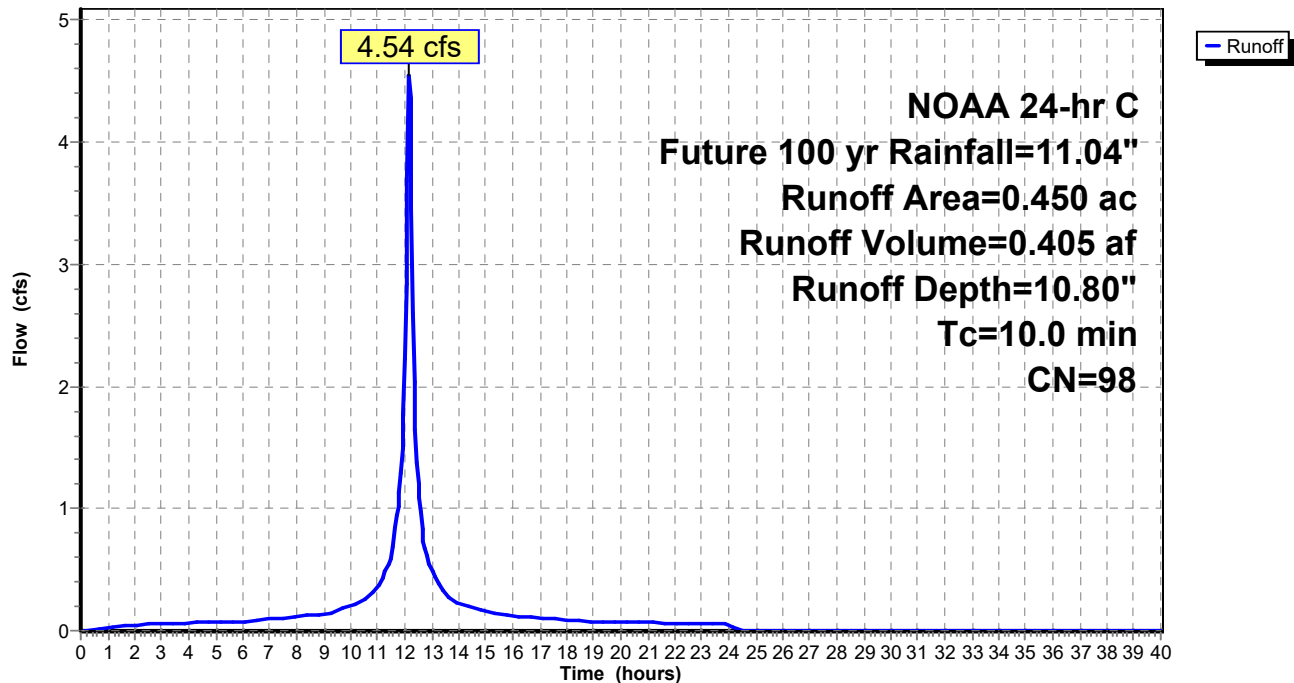
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.000	98	Concrete, HSG C
0.450	98	Weighted Average
0.450		100.00% Impervious Area

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

Subcatchment 18I: PDA-18 (impervious)

Hydrograph



Hydrograph for Subcatchment 18I: PDA-18 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.05
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.05
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.05
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.06
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.06
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.06
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.06
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.06
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.06
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.06
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.06
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.06
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.06
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.06
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.06
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.06
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.06
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.06
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.06
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.06
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.06
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.06
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.06
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.06
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.06
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.06
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.06
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.06
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.07
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.07
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.07
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.07
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.07
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.07
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.07
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.07
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.07
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.07
2.10	0.26	0.12	0.05	4.70	0.65	0.46	0.07
2.15	0.27	0.12	0.05	4.75	0.66	0.47	0.07
2.20	0.28	0.13	0.05	4.80	0.67	0.47	0.07
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.07
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.07
2.35	0.30	0.14	0.05	4.95	0.69	0.50	0.07
2.40	0.30	0.15	0.05	5.00	0.70	0.51	0.07
2.45	0.31	0.15	0.05	5.05	0.71	0.51	0.07
2.50	0.32	0.16	0.05	5.10	0.72	0.52	0.07
2.55	0.33	0.17	0.05	5.15	0.73	0.53	0.07

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.07	7.80	1.27	1.05	0.11
5.25	0.74	0.55	0.07	7.85	1.28	1.07	0.11
5.30	0.75	0.55	0.07	7.90	1.30	1.08	0.11
5.35	0.76	0.56	0.07	7.95	1.31	1.09	0.12
5.40	0.77	0.57	0.07	8.00	1.32	1.11	0.12
5.45	0.78	0.58	0.07	8.05	1.34	1.12	0.12
5.50	0.79	0.59	0.07	8.10	1.35	1.13	0.12
5.55	0.80	0.59	0.07	8.15	1.36	1.15	0.12
5.60	0.80	0.60	0.07	8.20	1.38	1.16	0.12
5.65	0.81	0.61	0.07	8.25	1.39	1.17	0.12
5.70	0.82	0.62	0.08	8.30	1.40	1.19	0.12
5.75	0.83	0.63	0.08	8.35	1.42	1.20	0.12
5.80	0.84	0.64	0.08	8.40	1.43	1.21	0.12
5.85	0.85	0.64	0.08	8.45	1.45	1.23	0.13
5.90	0.86	0.65	0.08	8.50	1.46	1.24	0.13
5.95	0.87	0.66	0.08	8.55	1.48	1.26	0.13
6.00	0.87	0.67	0.08	8.60	1.49	1.27	0.13
6.05	0.88	0.68	0.08	8.65	1.51	1.29	0.13
6.10	0.89	0.69	0.08	8.70	1.52	1.30	0.13
6.15	0.90	0.70	0.08	8.75	1.54	1.32	0.13
6.20	0.91	0.71	0.08	8.80	1.55	1.33	0.13
6.25	0.92	0.71	0.08	8.85	1.57	1.35	0.13
6.30	0.93	0.72	0.08	8.90	1.58	1.36	0.13
6.35	0.94	0.73	0.08	8.95	1.60	1.38	0.14
6.40	0.95	0.74	0.08	9.00	1.61	1.39	0.14
6.45	0.96	0.75	0.08	9.05	1.63	1.41	0.14
6.50	0.97	0.76	0.09	9.10	1.64	1.42	0.14
6.55	0.98	0.77	0.09	9.15	1.66	1.44	0.14
6.60	0.99	0.78	0.09	9.20	1.68	1.46	0.15
6.65	1.00	0.79	0.09	9.25	1.70	1.47	0.15
6.70	1.01	0.80	0.09	9.30	1.72	1.49	0.15
6.75	1.02	0.81	0.09	9.35	1.73	1.51	0.16
6.80	1.03	0.82	0.09	9.40	1.75	1.53	0.16
6.85	1.04	0.83	0.09	9.45	1.77	1.55	0.16
6.90	1.05	0.84	0.09	9.50	1.79	1.57	0.17
6.95	1.07	0.85	0.09	9.55	1.81	1.59	0.17
7.00	1.08	0.87	0.10	9.60	1.83	1.61	0.18
7.05	1.09	0.88	0.10	9.65	1.85	1.63	0.18
7.10	1.10	0.89	0.10	9.70	1.88	1.65	0.18
7.15	1.11	0.90	0.10	9.75	1.90	1.67	0.19
7.20	1.12	0.91	0.10	9.80	1.92	1.69	0.19
7.25	1.13	0.92	0.10	9.85	1.94	1.72	0.19
7.30	1.15	0.93	0.10	9.90	1.97	1.74	0.20
7.35	1.16	0.94	0.10	9.95	1.99	1.76	0.20
7.40	1.17	0.96	0.10	10.00	2.01	1.79	0.21
7.45	1.18	0.97	0.10	10.05	2.04	1.81	0.21
7.50	1.19	0.98	0.11	10.10	2.06	1.84	0.21
7.55	1.21	0.99	0.11	10.15	2.09	1.86	0.22
7.60	1.22	1.00	0.11	10.20	2.11	1.89	0.22
7.65	1.23	1.02	0.11	10.25	2.14	1.91	0.22
7.70	1.24	1.03	0.11	10.30	2.17	1.94	0.23
7.75	1.26	1.04	0.11	10.35	2.19	1.97	0.23

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.24	13.00	8.39	8.15	0.51
10.45	2.25	2.02	0.24	13.05	8.43	8.19	0.48
10.50	2.28	2.05	0.24	13.10	8.48	8.24	0.45
10.55	2.31	2.08	0.25	13.15	8.52	8.28	0.43
10.60	2.34	2.11	0.26	13.20	8.56	8.32	0.41
10.65	2.37	2.14	0.27	13.25	8.60	8.36	0.39
10.70	2.41	2.18	0.28	13.30	8.63	8.39	0.37
10.75	2.44	2.21	0.29	13.35	8.67	8.43	0.36
10.80	2.48	2.25	0.31	13.40	8.70	8.46	0.34
10.85	2.52	2.29	0.32	13.45	8.73	8.49	0.33
10.90	2.56	2.33	0.34	13.50	8.76	8.52	0.31
10.95	2.61	2.38	0.35	13.55	8.79	8.55	0.30
11.00	2.65	2.42	0.36	13.60	8.82	8.58	0.28
11.05	2.70	2.47	0.38	13.65	8.85	8.61	0.27
11.10	2.75	2.52	0.40	13.70	8.87	8.63	0.26
11.15	2.80	2.57	0.42	13.75	8.90	8.66	0.25
11.20	2.86	2.63	0.45	13.80	8.93	8.69	0.25
11.25	2.92	2.69	0.47	13.85	8.95	8.71	0.24
11.30	2.98	2.75	0.50	13.90	8.98	8.74	0.24
11.35	3.05	2.82	0.53	13.95	9.00	8.76	0.23
11.40	3.12	2.89	0.55	14.00	9.03	8.79	0.23
11.45	3.19	2.96	0.58	14.05	9.05	8.81	0.23
11.50	3.26	3.03	0.60	14.10	9.07	8.83	0.22
11.55	3.37	3.14	0.64	14.15	9.10	8.86	0.22
11.60	3.49	3.25	0.72	14.20	9.12	8.88	0.22
11.65	3.60	3.37	0.84	14.25	9.14	8.90	0.21
11.70	3.72	3.49	0.94	14.30	9.16	8.92	0.21
11.75	3.88	3.65	1.01	14.35	9.19	8.95	0.20
11.80	4.04	3.81	1.13	14.40	9.21	8.97	0.20
11.85	4.27	4.03	1.28	14.45	9.23	8.99	0.20
11.90	4.49	4.25	1.50	14.50	9.25	9.01	0.19
11.95	4.88	4.64	1.78	14.55	9.27	9.03	0.19
12.00	5.26	5.02	2.23	14.60	9.29	9.05	0.19
12.05	5.91	5.67	2.84	14.65	9.31	9.07	0.18
12.10	6.55	6.31	3.69	14.70	9.32	9.08	0.18
12.15	6.77	6.53	4.48	14.75	9.34	9.10	0.17
12.20	7.00	6.76	4.36	14.80	9.36	9.12	0.17
12.25	7.16	6.92	3.45	14.85	9.38	9.14	0.17
12.30	7.32	7.08	2.60	14.90	9.40	9.15	0.16
12.35	7.44	7.20	2.04	14.95	9.41	9.17	0.16
12.40	7.55	7.31	1.65	15.00	9.43	9.19	0.16
12.45	7.67	7.43	1.38	15.05	9.44	9.20	0.15
12.50	7.78	7.54	1.20	15.10	9.46	9.22	0.15
12.55	7.85	7.61	1.09	15.15	9.47	9.23	0.14
12.60	7.92	7.68	0.97	15.20	9.49	9.25	0.14
12.65	7.99	7.75	0.83	15.25	9.50	9.26	0.14
12.70	8.06	7.82	0.73	15.30	9.52	9.28	0.14
12.75	8.12	7.88	0.67	15.35	9.53	9.29	0.14
12.80	8.18	7.94	0.63	15.40	9.55	9.31	0.14
12.85	8.24	8.00	0.59	15.45	9.56	9.32	0.14
12.90	8.29	8.05	0.56	15.50	9.58	9.34	0.13
12.95	8.34	8.10	0.53	15.55	9.59	9.35	0.13

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.13	18.20	10.20	9.96	0.08
15.65	9.62	9.38	0.13	18.25	10.21	9.97	0.08
15.70	9.64	9.39	0.13	18.30	10.22	9.98	0.08
15.75	9.65	9.41	0.13	18.35	10.23	9.99	0.08
15.80	9.66	9.42	0.13	18.40	10.24	9.99	0.08
15.85	9.68	9.44	0.13	18.45	10.24	10.00	0.08
15.90	9.69	9.45	0.13	18.50	10.25	10.01	0.08
15.95	9.70	9.46	0.13	18.55	10.26	10.02	0.08
16.00	9.72	9.48	0.12	18.60	10.27	10.03	0.08
16.05	9.73	9.49	0.12	18.65	10.28	10.04	0.08
16.10	9.74	9.50	0.12	18.70	10.29	10.05	0.08
16.15	9.76	9.52	0.12	18.75	10.30	10.05	0.08
16.20	9.77	9.53	0.12	18.80	10.30	10.06	0.08
16.25	9.78	9.54	0.12	18.85	10.31	10.07	0.08
16.30	9.80	9.55	0.12	18.90	10.32	10.08	0.08
16.35	9.81	9.57	0.12	18.95	10.33	10.09	0.08
16.40	9.82	9.58	0.12	19.00	10.34	10.10	0.08
16.45	9.83	9.59	0.12	19.05	10.35	10.11	0.08
16.50	9.85	9.60	0.11	19.10	10.35	10.11	0.08
16.55	9.86	9.62	0.11	19.15	10.36	10.12	0.08
16.60	9.87	9.63	0.11	19.20	10.37	10.13	0.08
16.65	9.88	9.64	0.11	19.25	10.38	10.14	0.08
16.70	9.89	9.65	0.11	19.30	10.39	10.15	0.08
16.75	9.91	9.66	0.11	19.35	10.40	10.15	0.07
16.80	9.92	9.68	0.11	19.40	10.40	10.16	0.07
16.85	9.93	9.69	0.11	19.45	10.41	10.17	0.07
16.90	9.94	9.70	0.11	19.50	10.42	10.18	0.07
16.95	9.95	9.71	0.11	19.55	10.43	10.19	0.07
17.00	9.96	9.72	0.10	19.60	10.44	10.20	0.07
17.05	9.97	9.73	0.10	19.65	10.44	10.20	0.07
17.10	9.99	9.74	0.10	19.70	10.45	10.21	0.07
17.15	10.00	9.76	0.10	19.75	10.46	10.22	0.07
17.20	10.01	9.77	0.10	19.80	10.47	10.23	0.07
17.25	10.02	9.78	0.10	19.85	10.48	10.24	0.07
17.30	10.03	9.79	0.10	19.90	10.48	10.24	0.07
17.35	10.04	9.80	0.10	19.95	10.49	10.25	0.07
17.40	10.05	9.81	0.10	20.00	10.50	10.26	0.07
17.45	10.06	9.82	0.10	20.05	10.51	10.27	0.07
17.50	10.07	9.83	0.09	20.10	10.52	10.27	0.07
17.55	10.08	9.84	0.09	20.15	10.52	10.28	0.07
17.60	10.09	9.85	0.09	20.20	10.53	10.29	0.07
17.65	10.10	9.86	0.09	20.25	10.54	10.30	0.07
17.70	10.11	9.87	0.09	20.30	10.55	10.31	0.07
17.75	10.12	9.88	0.09	20.35	10.55	10.31	0.07
17.80	10.13	9.89	0.09	20.40	10.56	10.32	0.07
17.85	10.14	9.90	0.09	20.45	10.57	10.33	0.07
17.90	10.15	9.91	0.09	20.50	10.58	10.34	0.07
17.95	10.16	9.92	0.09	20.55	10.58	10.34	0.07
18.00	10.17	9.92	0.08	20.60	10.59	10.35	0.07
18.05	10.17	9.93	0.08	20.65	10.60	10.36	0.07
18.10	10.18	9.94	0.08	20.70	10.61	10.37	0.07
18.15	10.19	9.95	0.08	20.75	10.61	10.37	0.07

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.07	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.07	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.07	23.50	10.98	10.74	0.05
20.95	10.64	10.40	0.07	23.55	10.99	10.74	0.05
21.00	10.65	10.41	0.07	23.60	10.99	10.75	0.05
21.05	10.66	10.42	0.07	23.65	11.00	10.76	0.05
21.10	10.66	10.42	0.07	23.70	11.00	10.76	0.05
21.15	10.67	10.43	0.07	23.75	11.01	10.77	0.05
21.20	10.68	10.44	0.07	23.80	11.01	10.77	0.05
21.25	10.69	10.45	0.07	23.85	11.02	10.78	0.05
21.30	10.69	10.45	0.07	23.90	11.03	10.78	0.05
21.35	10.70	10.46	0.07	23.95	11.03	10.79	0.05
21.40	10.71	10.47	0.06	24.00	11.04	10.80	0.05
21.45	10.71	10.47	0.06	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.06	24.10	11.04	10.80	0.05
21.55	10.73	10.49	0.06	24.15	11.04	10.80	0.03
21.60	10.74	10.49	0.06	24.20	11.04	10.80	0.01
21.65	10.74	10.50	0.06	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.06	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.06	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.06	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.06	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.06	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.06	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.06	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.06	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.06	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.06	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.06	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.06	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.06	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.06	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.06	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.06	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.06	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.06	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.06	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.06	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.06	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.06	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.06	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.06	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.06	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.06	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.06	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.06	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.06	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.06	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.06	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.06	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.06	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 18I: PDA-18 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 18P: PDA-18 (pervious)

Runoff = 8.01 cfs @ 12.17 hrs, Volume= 0.617 af, Depth= 7.72"
 Routed to Pond B-18 : Basin #18

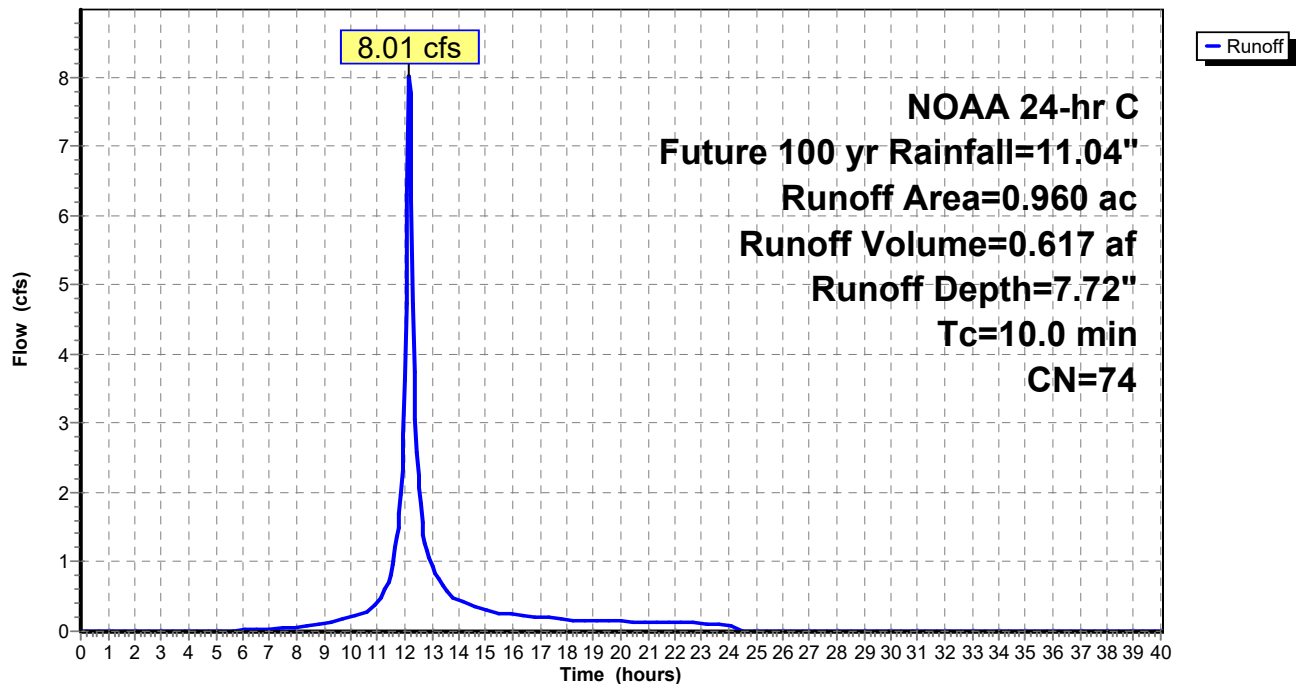
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 18P: PDA-18 (pervious)

Hydrograph



Hydrograph for Subcatchment 18P: PDA-18 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.16
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.17
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.17
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.18
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.19
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.20
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.20
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.21
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.21
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.22
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.23
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.23
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.24
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.24

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.25	13.00	8.39	5.28	0.97
10.45	2.25	0.47	0.26	13.05	8.43	5.32	0.92
10.50	2.28	0.49	0.27	13.10	8.48	5.36	0.87
10.55	2.31	0.50	0.27	13.15	8.52	5.39	0.82
10.60	2.34	0.52	0.28	13.20	8.56	5.43	0.78
10.65	2.37	0.54	0.30	13.25	8.60	5.46	0.75
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.72
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.69
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.66
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.63
10.90	2.56	0.64	0.40	13.50	8.76	5.61	0.60
10.95	2.61	0.67	0.42	13.55	8.79	5.64	0.58
11.00	2.65	0.69	0.44	13.60	8.82	5.67	0.55
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.52
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.50
11.15	2.80	0.79	0.53	13.75	8.90	5.74	0.49
11.20	2.86	0.82	0.57	13.80	8.93	5.76	0.48
11.25	2.92	0.86	0.61	13.85	8.95	5.79	0.47
11.30	2.98	0.90	0.65	13.90	8.98	5.81	0.46
11.35	3.05	0.94	0.70	13.95	9.00	5.83	0.46
11.40	3.12	0.98	0.74	14.00	9.03	5.85	0.45
11.45	3.19	1.03	0.79	14.05	9.05	5.88	0.44
11.50	3.26	1.08	0.83	14.10	9.07	5.90	0.43
11.55	3.37	1.15	0.89	14.15	9.10	5.92	0.43
11.60	3.49	1.23	1.02	14.20	9.12	5.94	0.42
11.65	3.60	1.31	1.21	14.25	9.14	5.96	0.41
11.70	3.72	1.39	1.37	14.30	9.16	5.98	0.41
11.75	3.88	1.51	1.50	14.35	9.19	6.00	0.40
11.80	4.04	1.63	1.69	14.40	9.21	6.02	0.39
11.85	4.27	1.79	1.96	14.45	9.23	6.04	0.38
11.90	4.49	1.96	2.33	14.50	9.25	6.06	0.38
11.95	4.88	2.27	2.83	14.55	9.27	6.07	0.37
12.00	5.26	2.57	3.62	14.60	9.29	6.09	0.36
12.05	5.91	3.11	4.72	14.65	9.31	6.11	0.36
12.10	6.55	3.65	6.30	14.70	9.32	6.13	0.35
12.15	6.77	3.85	7.85	14.75	9.34	6.14	0.34
12.20	7.00	4.04	7.76	14.80	9.36	6.16	0.33
12.25	7.16	4.18	6.22	14.85	9.38	6.17	0.33
12.30	7.32	4.32	4.74	14.90	9.40	6.19	0.32
12.35	7.44	4.43	3.75	14.95	9.41	6.21	0.31
12.40	7.55	4.53	3.06	15.00	9.43	6.22	0.30
12.45	7.67	4.63	2.57	15.05	9.44	6.23	0.30
12.50	7.78	4.73	2.26	15.10	9.46	6.25	0.29
12.55	7.85	4.79	2.06	15.15	9.47	6.26	0.28
12.60	7.92	4.86	1.83	15.20	9.49	6.28	0.28
12.65	7.99	4.92	1.58	15.25	9.50	6.29	0.27
12.70	8.06	4.98	1.39	15.30	9.52	6.30	0.27
12.75	8.12	5.03	1.27	15.35	9.53	6.32	0.27
12.80	8.18	5.09	1.20	15.40	9.55	6.33	0.27
12.85	8.24	5.14	1.13	15.45	9.56	6.34	0.27
12.90	8.29	5.19	1.08	15.50	9.58	6.36	0.26
12.95	8.34	5.23	1.02	15.55	9.59	6.37	0.26

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.26	18.20	10.20	6.93	0.16
15.65	9.62	6.40	0.26	18.25	10.21	6.94	0.16
15.70	9.64	6.41	0.26	18.30	10.22	6.95	0.16
15.75	9.65	6.42	0.25	18.35	10.23	6.96	0.16
15.80	9.66	6.44	0.25	18.40	10.24	6.97	0.16
15.85	9.68	6.45	0.25	18.45	10.24	6.97	0.16
15.90	9.69	6.46	0.25	18.50	10.25	6.98	0.16
15.95	9.70	6.47	0.25	18.55	10.26	6.99	0.16
16.00	9.72	6.49	0.24	18.60	10.27	7.00	0.16
16.05	9.73	6.50	0.24	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.24	18.70	10.29	7.01	0.15
16.15	9.76	6.52	0.24	18.75	10.30	7.02	0.15
16.20	9.77	6.54	0.24	18.80	10.30	7.03	0.15
16.25	9.78	6.55	0.24	18.85	10.31	7.04	0.15
16.30	9.80	6.56	0.23	18.90	10.32	7.04	0.15
16.35	9.81	6.57	0.23	18.95	10.33	7.05	0.15
16.40	9.82	6.58	0.23	19.00	10.34	7.06	0.15
16.45	9.83	6.59	0.23	19.05	10.35	7.07	0.15
16.50	9.85	6.60	0.23	19.10	10.35	7.08	0.15
16.55	9.86	6.62	0.22	19.15	10.36	7.08	0.15
16.60	9.87	6.63	0.22	19.20	10.37	7.09	0.15
16.65	9.88	6.64	0.22	19.25	10.38	7.10	0.15
16.70	9.89	6.65	0.22	19.30	10.39	7.11	0.15
16.75	9.91	6.66	0.22	19.35	10.40	7.11	0.15
16.80	9.92	6.67	0.21	19.40	10.40	7.12	0.15
16.85	9.93	6.68	0.21	19.45	10.41	7.13	0.15
16.90	9.94	6.69	0.21	19.50	10.42	7.14	0.15
16.95	9.95	6.70	0.21	19.55	10.43	7.14	0.15
17.00	9.96	6.71	0.21	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.20	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.20	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.20	19.75	10.46	7.17	0.14
17.20	10.01	6.75	0.20	19.80	10.47	7.18	0.14
17.25	10.02	6.76	0.20	19.85	10.48	7.19	0.14
17.30	10.03	6.77	0.19	19.90	10.48	7.20	0.14
17.35	10.04	6.78	0.19	19.95	10.49	7.20	0.14
17.40	10.05	6.79	0.19	20.00	10.50	7.21	0.14
17.45	10.06	6.80	0.19	20.05	10.51	7.22	0.14
17.50	10.07	6.81	0.19	20.10	10.52	7.23	0.14
17.55	10.08	6.82	0.19	20.15	10.52	7.23	0.14
17.60	10.09	6.83	0.18	20.20	10.53	7.24	0.14
17.65	10.10	6.84	0.18	20.25	10.54	7.25	0.14
17.70	10.11	6.85	0.18	20.30	10.55	7.25	0.14
17.75	10.12	6.86	0.18	20.35	10.55	7.26	0.14
17.80	10.13	6.87	0.18	20.40	10.56	7.27	0.14
17.85	10.14	6.87	0.17	20.45	10.57	7.28	0.14
17.90	10.15	6.88	0.17	20.50	10.58	7.28	0.14
17.95	10.16	6.89	0.17	20.55	10.58	7.29	0.14
18.00	10.17	6.90	0.17	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.17	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.16	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.16	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.13	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.13	23.45	10.97	7.65	0.11
20.90	10.64	7.34	0.13	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.13	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.13	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.13	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.13	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.13	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.13	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.13	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.13	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.13	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.13	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.13	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.13	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.12	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.12	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.12	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.12	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.12	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.12	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.12	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.12	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.12	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.12	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.12	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.12	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.12	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.12	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.11	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.11	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.11	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.11	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.11	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.11	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.11	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.11	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 18P: PDA-18 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 19I: PDA-19 (impervious)

Runoff = 6.03 cfs @ 12.17 hrs, Volume= 0.537 af, Depth=10.80"
 Routed to Pond B-19 : Basin #19

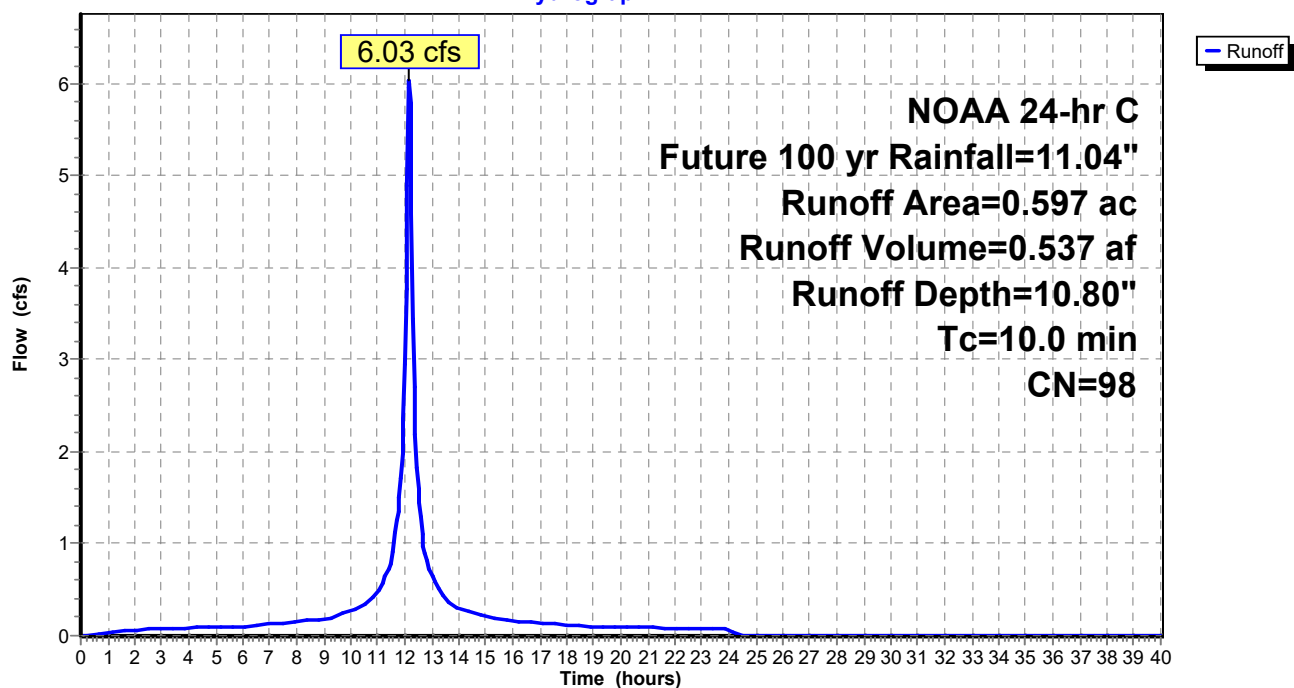
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.132	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.015	98	Concrete, HSG C
0.597	98	Weighted Average
0.597		100.00% Impervious Area

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

Subcatchment 19I: PDA-19 (impervious)

Hydrograph



Hydrograph for Subcatchment 19I: PDA-19 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.07
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.07
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.07
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.07
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.07
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.07
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.07
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.07
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.07
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.07
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.07
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.08
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.08
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.08
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.08
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.08
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.08
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.08
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.08
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.08
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.08
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.08
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.08
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.08
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.08
1.25	0.15	0.04	0.04	3.85	0.52	0.33	0.08
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.08
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.08
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.08
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.09
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.09
1.55	0.19	0.06	0.05	4.15	0.56	0.38	0.09
1.60	0.20	0.07	0.05	4.20	0.57	0.38	0.09
1.65	0.20	0.07	0.05	4.25	0.58	0.39	0.09
1.70	0.21	0.08	0.05	4.30	0.59	0.40	0.09
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.09
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.09
1.85	0.23	0.09	0.06	4.45	0.61	0.42	0.09
1.90	0.24	0.10	0.06	4.50	0.62	0.43	0.09
1.95	0.24	0.10	0.06	4.55	0.63	0.44	0.09
2.00	0.25	0.11	0.06	4.60	0.64	0.44	0.09
2.05	0.26	0.11	0.06	4.65	0.64	0.45	0.09
2.10	0.26	0.12	0.06	4.70	0.65	0.46	0.09
2.15	0.27	0.12	0.06	4.75	0.66	0.47	0.09
2.20	0.28	0.13	0.06	4.80	0.67	0.47	0.09
2.25	0.28	0.13	0.06	4.85	0.68	0.48	0.09
2.30	0.29	0.14	0.06	4.90	0.69	0.49	0.09
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.09
2.40	0.30	0.15	0.07	5.00	0.70	0.51	0.09
2.45	0.31	0.15	0.07	5.05	0.71	0.51	0.09
2.50	0.32	0.16	0.07	5.10	0.72	0.52	0.09
2.55	0.33	0.17	0.07	5.15	0.73	0.53	0.10

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.10	7.80	1.27	1.05	0.15
5.25	0.74	0.55	0.10	7.85	1.28	1.07	0.15
5.30	0.75	0.55	0.10	7.90	1.30	1.08	0.15
5.35	0.76	0.56	0.10	7.95	1.31	1.09	0.15
5.40	0.77	0.57	0.10	8.00	1.32	1.11	0.15
5.45	0.78	0.58	0.10	8.05	1.34	1.12	0.16
5.50	0.79	0.59	0.10	8.10	1.35	1.13	0.16
5.55	0.80	0.59	0.10	8.15	1.36	1.15	0.16
5.60	0.80	0.60	0.10	8.20	1.38	1.16	0.16
5.65	0.81	0.61	0.10	8.25	1.39	1.17	0.16
5.70	0.82	0.62	0.10	8.30	1.40	1.19	0.16
5.75	0.83	0.63	0.10	8.35	1.42	1.20	0.16
5.80	0.84	0.64	0.10	8.40	1.43	1.21	0.16
5.85	0.85	0.64	0.10	8.45	1.45	1.23	0.17
5.90	0.86	0.65	0.10	8.50	1.46	1.24	0.17
5.95	0.87	0.66	0.10	8.55	1.48	1.26	0.17
6.00	0.87	0.67	0.10	8.60	1.49	1.27	0.17
6.05	0.88	0.68	0.10	8.65	1.51	1.29	0.17
6.10	0.89	0.69	0.10	8.70	1.52	1.30	0.17
6.15	0.90	0.70	0.10	8.75	1.54	1.32	0.17
6.20	0.91	0.71	0.11	8.80	1.55	1.33	0.18
6.25	0.92	0.71	0.11	8.85	1.57	1.35	0.18
6.30	0.93	0.72	0.11	8.90	1.58	1.36	0.18
6.35	0.94	0.73	0.11	8.95	1.60	1.38	0.18
6.40	0.95	0.74	0.11	9.00	1.61	1.39	0.18
6.45	0.96	0.75	0.11	9.05	1.63	1.41	0.18
6.50	0.97	0.76	0.11	9.10	1.64	1.42	0.19
6.55	0.98	0.77	0.11	9.15	1.66	1.44	0.19
6.60	0.99	0.78	0.12	9.20	1.68	1.46	0.19
6.65	1.00	0.79	0.12	9.25	1.70	1.47	0.20
6.70	1.01	0.80	0.12	9.30	1.72	1.49	0.20
6.75	1.02	0.81	0.12	9.35	1.73	1.51	0.21
6.80	1.03	0.82	0.12	9.40	1.75	1.53	0.21
6.85	1.04	0.83	0.12	9.45	1.77	1.55	0.22
6.90	1.05	0.84	0.12	9.50	1.79	1.57	0.22
6.95	1.07	0.85	0.13	9.55	1.81	1.59	0.23
7.00	1.08	0.87	0.13	9.60	1.83	1.61	0.23
7.05	1.09	0.88	0.13	9.65	1.85	1.63	0.24
7.10	1.10	0.89	0.13	9.70	1.88	1.65	0.24
7.15	1.11	0.90	0.13	9.75	1.90	1.67	0.25
7.20	1.12	0.91	0.13	9.80	1.92	1.69	0.25
7.25	1.13	0.92	0.13	9.85	1.94	1.72	0.26
7.30	1.15	0.93	0.14	9.90	1.97	1.74	0.26
7.35	1.16	0.94	0.14	9.95	1.99	1.76	0.27
7.40	1.17	0.96	0.14	10.00	2.01	1.79	0.27
7.45	1.18	0.97	0.14	10.05	2.04	1.81	0.28
7.50	1.19	0.98	0.14	10.10	2.06	1.84	0.28
7.55	1.21	0.99	0.14	10.15	2.09	1.86	0.29
7.60	1.22	1.00	0.14	10.20	2.11	1.89	0.29
7.65	1.23	1.02	0.14	10.25	2.14	1.91	0.30
7.70	1.24	1.03	0.15	10.30	2.17	1.94	0.30
7.75	1.26	1.04	0.15	10.35	2.19	1.97	0.31

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.31	13.00	8.39	8.15	0.67
10.45	2.25	2.02	0.32	13.05	8.43	8.19	0.64
10.50	2.28	2.05	0.32	13.10	8.48	8.24	0.60
10.55	2.31	2.08	0.33	13.15	8.52	8.28	0.57
10.60	2.34	2.11	0.34	13.20	8.56	8.32	0.54
10.65	2.37	2.14	0.35	13.25	8.60	8.36	0.51
10.70	2.41	2.18	0.37	13.30	8.63	8.39	0.49
10.75	2.44	2.21	0.39	13.35	8.67	8.43	0.47
10.80	2.48	2.25	0.41	13.40	8.70	8.46	0.45
10.85	2.52	2.29	0.43	13.45	8.73	8.49	0.43
10.90	2.56	2.33	0.45	13.50	8.76	8.52	0.41
10.95	2.61	2.38	0.47	13.55	8.79	8.55	0.39
11.00	2.65	2.42	0.48	13.60	8.82	8.58	0.38
11.05	2.70	2.47	0.50	13.65	8.85	8.61	0.36
11.10	2.75	2.52	0.53	13.70	8.87	8.63	0.34
11.15	2.80	2.57	0.56	13.75	8.90	8.66	0.33
11.20	2.86	2.63	0.59	13.80	8.93	8.69	0.33
11.25	2.92	2.69	0.63	13.85	8.95	8.71	0.32
11.30	2.98	2.75	0.66	13.90	8.98	8.74	0.32
11.35	3.05	2.82	0.70	13.95	9.00	8.76	0.31
11.40	3.12	2.89	0.73	14.00	9.03	8.79	0.31
11.45	3.19	2.96	0.77	14.05	9.05	8.81	0.30
11.50	3.26	3.03	0.80	14.10	9.07	8.83	0.30
11.55	3.37	3.14	0.85	14.15	9.10	8.86	0.29
11.60	3.49	3.25	0.96	14.20	9.12	8.88	0.29
11.65	3.60	3.37	1.12	14.25	9.14	8.90	0.28
11.70	3.72	3.49	1.25	14.30	9.16	8.92	0.28
11.75	3.88	3.65	1.35	14.35	9.19	8.95	0.27
11.80	4.04	3.81	1.49	14.40	9.21	8.97	0.27
11.85	4.27	4.03	1.70	14.45	9.23	8.99	0.26
11.90	4.49	4.25	1.99	14.50	9.25	9.01	0.26
11.95	4.88	4.64	2.36	14.55	9.27	9.03	0.25
12.00	5.26	5.02	2.96	14.60	9.29	9.05	0.25
12.05	5.91	5.67	3.77	14.65	9.31	9.07	0.24
12.10	6.55	6.31	4.89	14.70	9.32	9.08	0.24
12.15	6.77	6.53	5.95	14.75	9.34	9.10	0.23
12.20	7.00	6.76	5.78	14.80	9.36	9.12	0.23
12.25	7.16	6.92	4.58	14.85	9.38	9.14	0.22
12.30	7.32	7.08	3.45	14.90	9.40	9.15	0.22
12.35	7.44	7.20	2.70	14.95	9.41	9.17	0.21
12.40	7.55	7.31	2.19	15.00	9.43	9.19	0.21
12.45	7.67	7.43	1.83	15.05	9.44	9.20	0.20
12.50	7.78	7.54	1.60	15.10	9.46	9.22	0.20
12.55	7.85	7.61	1.45	15.15	9.47	9.23	0.19
12.60	7.92	7.68	1.29	15.20	9.49	9.25	0.19
12.65	7.99	7.75	1.10	15.25	9.50	9.26	0.19
12.70	8.06	7.82	0.97	15.30	9.52	9.28	0.18
12.75	8.12	7.88	0.89	15.35	9.53	9.29	0.18
12.80	8.18	7.94	0.83	15.40	9.55	9.31	0.18
12.85	8.24	8.00	0.79	15.45	9.56	9.32	0.18
12.90	8.29	8.05	0.75	15.50	9.58	9.34	0.18
12.95	8.34	8.10	0.71	15.55	9.59	9.35	0.18

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.18	18.20	10.20	9.96	0.11
15.65	9.62	9.38	0.17	18.25	10.21	9.97	0.11
15.70	9.64	9.39	0.17	18.30	10.22	9.98	0.11
15.75	9.65	9.41	0.17	18.35	10.23	9.99	0.11
15.80	9.66	9.42	0.17	18.40	10.24	9.99	0.11
15.85	9.68	9.44	0.17	18.45	10.24	10.00	0.11
15.90	9.69	9.45	0.17	18.50	10.25	10.01	0.11
15.95	9.70	9.46	0.17	18.55	10.26	10.02	0.10
16.00	9.72	9.48	0.17	18.60	10.27	10.03	0.10
16.05	9.73	9.49	0.16	18.65	10.28	10.04	0.10
16.10	9.74	9.50	0.16	18.70	10.29	10.05	0.10
16.15	9.76	9.52	0.16	18.75	10.30	10.05	0.10
16.20	9.77	9.53	0.16	18.80	10.30	10.06	0.10
16.25	9.78	9.54	0.16	18.85	10.31	10.07	0.10
16.30	9.80	9.55	0.16	18.90	10.32	10.08	0.10
16.35	9.81	9.57	0.16	18.95	10.33	10.09	0.10
16.40	9.82	9.58	0.15	19.00	10.34	10.10	0.10
16.45	9.83	9.59	0.15	19.05	10.35	10.11	0.10
16.50	9.85	9.60	0.15	19.10	10.35	10.11	0.10
16.55	9.86	9.62	0.15	19.15	10.36	10.12	0.10
16.60	9.87	9.63	0.15	19.20	10.37	10.13	0.10
16.65	9.88	9.64	0.15	19.25	10.38	10.14	0.10
16.70	9.89	9.65	0.15	19.30	10.39	10.15	0.10
16.75	9.91	9.66	0.15	19.35	10.40	10.15	0.10
16.80	9.92	9.68	0.14	19.40	10.40	10.16	0.10
16.85	9.93	9.69	0.14	19.45	10.41	10.17	0.10
16.90	9.94	9.70	0.14	19.50	10.42	10.18	0.10
16.95	9.95	9.71	0.14	19.55	10.43	10.19	0.10
17.00	9.96	9.72	0.14	19.60	10.44	10.20	0.10
17.05	9.97	9.73	0.14	19.65	10.44	10.20	0.10
17.10	9.99	9.74	0.14	19.70	10.45	10.21	0.10
17.15	10.00	9.76	0.13	19.75	10.46	10.22	0.10
17.20	10.01	9.77	0.13	19.80	10.47	10.23	0.10
17.25	10.02	9.78	0.13	19.85	10.48	10.24	0.10
17.30	10.03	9.79	0.13	19.90	10.48	10.24	0.10
17.35	10.04	9.80	0.13	19.95	10.49	10.25	0.10
17.40	10.05	9.81	0.13	20.00	10.50	10.26	0.10
17.45	10.06	9.82	0.13	20.05	10.51	10.27	0.09
17.50	10.07	9.83	0.13	20.10	10.52	10.27	0.09
17.55	10.08	9.84	0.12	20.15	10.52	10.28	0.09
17.60	10.09	9.85	0.12	20.20	10.53	10.29	0.09
17.65	10.10	9.86	0.12	20.25	10.54	10.30	0.09
17.70	10.11	9.87	0.12	20.30	10.55	10.31	0.09
17.75	10.12	9.88	0.12	20.35	10.55	10.31	0.09
17.80	10.13	9.89	0.12	20.40	10.56	10.32	0.09
17.85	10.14	9.90	0.12	20.45	10.57	10.33	0.09
17.90	10.15	9.91	0.12	20.50	10.58	10.34	0.09
17.95	10.16	9.92	0.11	20.55	10.58	10.34	0.09
18.00	10.17	9.92	0.11	20.60	10.59	10.35	0.09
18.05	10.17	9.93	0.11	20.65	10.60	10.36	0.09
18.10	10.18	9.94	0.11	20.70	10.61	10.37	0.09
18.15	10.19	9.95	0.11	20.75	10.61	10.37	0.09

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.09	23.40	10.97	10.73	0.07
20.85	10.63	10.39	0.09	23.45	10.97	10.73	0.07
20.90	10.64	10.39	0.09	23.50	10.98	10.74	0.07
20.95	10.64	10.40	0.09	23.55	10.99	10.74	0.07
21.00	10.65	10.41	0.09	23.60	10.99	10.75	0.07
21.05	10.66	10.42	0.09	23.65	11.00	10.76	0.07
21.10	10.66	10.42	0.09	23.70	11.00	10.76	0.07
21.15	10.67	10.43	0.09	23.75	11.01	10.77	0.07
21.20	10.68	10.44	0.09	23.80	11.01	10.77	0.07
21.25	10.69	10.45	0.09	23.85	11.02	10.78	0.07
21.30	10.69	10.45	0.09	23.90	11.03	10.78	0.07
21.35	10.70	10.46	0.09	23.95	11.03	10.79	0.07
21.40	10.71	10.47	0.09	24.00	11.04	10.80	0.07
21.45	10.71	10.47	0.09	24.05	11.04	10.80	0.07
21.50	10.72	10.48	0.09	24.10	11.04	10.80	0.06
21.55	10.73	10.49	0.08	24.15	11.04	10.80	0.04
21.60	10.74	10.49	0.08	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.08	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.08	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.08	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.08	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.08	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.08	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.08	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.08	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.08	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.08	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.08	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.08	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.08	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.08	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.08	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.08	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.08	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.08	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.08	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.08	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.08	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.08	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.08	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.08	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.08	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.08	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.08	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.08	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.08	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.07	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.07	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.07	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.07	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.07	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.07	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 19I: PDA-19 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 19P: PDA-19 (pervious)

Runoff = 9.33 cfs @ 12.17 hrs, Volume= 0.719 af, Depth= 7.72"
 Routed to Pond B-19 : Basin #19

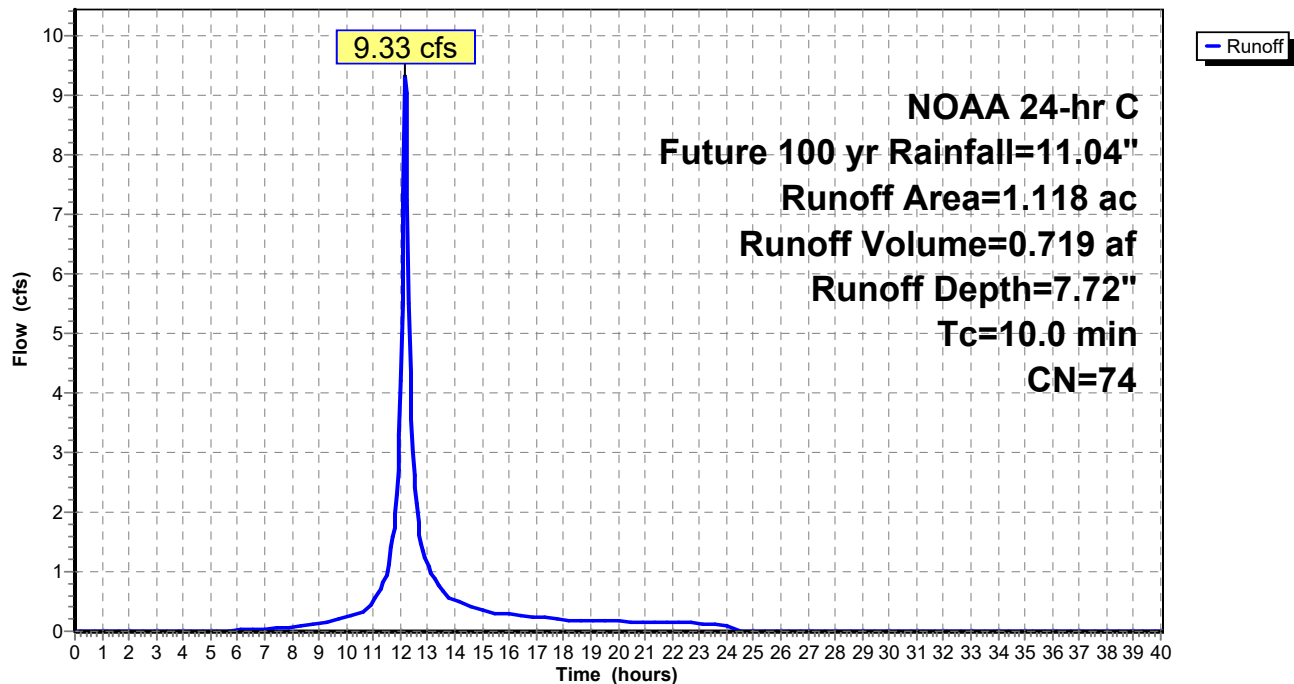
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.118	74	>75% Grass cover, Good, HSG C
1.118		100.00% Pervious Area

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

Subcatchment 19P: PDA-19 (pervious)

Hydrograph



Hydrograph for Subcatchment 19P: PDA-19 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.07
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.08
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.08
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.08
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.08
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.09
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.09
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.09
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.09
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.09
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.10
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.10
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.10
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.10
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.11
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.11
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.11
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.11
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.11
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.12
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.12
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.12
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.12
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.13
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.13
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.14
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.14
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.15
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.15
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.16
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.16
6.90	1.05	0.03	0.04	9.50	1.79	0.26	0.17
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.18
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.18
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.19
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.19
7.15	1.11	0.04	0.05	9.75	1.90	0.30	0.20
7.20	1.12	0.04	0.05	9.80	1.92	0.31	0.21
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.21
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.22
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.23
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.23
7.45	1.18	0.06	0.06	10.05	2.04	0.37	0.24
7.50	1.19	0.06	0.06	10.10	2.06	0.38	0.25
7.55	1.21	0.06	0.06	10.15	2.09	0.39	0.26
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.26
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.27
7.70	1.24	0.07	0.07	10.30	2.17	0.43	0.28
7.75	1.26	0.08	0.07	10.35	2.19	0.44	0.29

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.29	13.00	8.39	5.28	1.13
10.45	2.25	0.47	0.30	13.05	8.43	5.32	1.07
10.50	2.28	0.49	0.31	13.10	8.48	5.36	1.01
10.55	2.31	0.50	0.32	13.15	8.52	5.39	0.96
10.60	2.34	0.52	0.33	13.20	8.56	5.43	0.91
10.65	2.37	0.54	0.35	13.25	8.60	5.46	0.87
10.70	2.41	0.56	0.37	13.30	8.63	5.50	0.83
10.75	2.44	0.58	0.39	13.35	8.67	5.53	0.80
10.80	2.48	0.60	0.42	13.40	8.70	5.56	0.77
10.85	2.52	0.62	0.44	13.45	8.73	5.59	0.73
10.90	2.56	0.64	0.46	13.50	8.76	5.61	0.70
10.95	2.61	0.67	0.49	13.55	8.79	5.64	0.67
11.00	2.65	0.69	0.52	13.60	8.82	5.67	0.64
11.05	2.70	0.72	0.54	13.65	8.85	5.69	0.61
11.10	2.75	0.75	0.58	13.70	8.87	5.71	0.59
11.15	2.80	0.79	0.62	13.75	8.90	5.74	0.57
11.20	2.86	0.82	0.66	13.80	8.93	5.76	0.56
11.25	2.92	0.86	0.71	13.85	8.95	5.79	0.55
11.30	2.98	0.90	0.76	13.90	8.98	5.81	0.54
11.35	3.05	0.94	0.81	13.95	9.00	5.83	0.53
11.40	3.12	0.98	0.86	14.00	9.03	5.85	0.52
11.45	3.19	1.03	0.92	14.05	9.05	5.88	0.51
11.50	3.26	1.08	0.97	14.10	9.07	5.90	0.51
11.55	3.37	1.15	1.03	14.15	9.10	5.92	0.50
11.60	3.49	1.23	1.19	14.20	9.12	5.94	0.49
11.65	3.60	1.31	1.41	14.25	9.14	5.96	0.48
11.70	3.72	1.39	1.59	14.30	9.16	5.98	0.47
11.75	3.88	1.51	1.74	14.35	9.19	6.00	0.46
11.80	4.04	1.63	1.97	14.40	9.21	6.02	0.46
11.85	4.27	1.79	2.28	14.45	9.23	6.04	0.45
11.90	4.49	1.96	2.71	14.50	9.25	6.06	0.44
11.95	4.88	2.27	3.29	14.55	9.27	6.07	0.43
12.00	5.26	2.57	4.22	14.60	9.29	6.09	0.42
12.05	5.91	3.11	5.50	14.65	9.31	6.11	0.41
12.10	6.55	3.65	7.34	14.70	9.32	6.13	0.41
12.15	6.77	3.85	9.14	14.75	9.34	6.14	0.40
12.20	7.00	4.04	9.04	14.80	9.36	6.16	0.39
12.25	7.16	4.18	7.25	14.85	9.38	6.17	0.38
12.30	7.32	4.32	5.52	14.90	9.40	6.19	0.37
12.35	7.44	4.43	4.37	14.95	9.41	6.21	0.36
12.40	7.55	4.53	3.57	15.00	9.43	6.22	0.35
12.45	7.67	4.63	3.00	15.05	9.44	6.23	0.35
12.50	7.78	4.73	2.63	15.10	9.46	6.25	0.34
12.55	7.85	4.79	2.40	15.15	9.47	6.26	0.33
12.60	7.92	4.86	2.14	15.20	9.49	6.28	0.32
12.65	7.99	4.92	1.84	15.25	9.50	6.29	0.32
12.70	8.06	4.98	1.62	15.30	9.52	6.30	0.32
12.75	8.12	5.03	1.48	15.35	9.53	6.32	0.31
12.80	8.18	5.09	1.39	15.40	9.55	6.33	0.31
12.85	8.24	5.14	1.32	15.45	9.56	6.34	0.31
12.90	8.29	5.19	1.26	15.50	9.58	6.36	0.31
12.95	8.34	5.23	1.19	15.55	9.59	6.37	0.30

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.30	18.20	10.20	6.93	0.19
15.65	9.62	6.40	0.30	18.25	10.21	6.94	0.19
15.70	9.64	6.41	0.30	18.30	10.22	6.95	0.18
15.75	9.65	6.42	0.30	18.35	10.23	6.96	0.18
15.80	9.66	6.44	0.29	18.40	10.24	6.97	0.18
15.85	9.68	6.45	0.29	18.45	10.24	6.97	0.18
15.90	9.69	6.46	0.29	18.50	10.25	6.98	0.18
15.95	9.70	6.47	0.29	18.55	10.26	6.99	0.18
16.00	9.72	6.49	0.29	18.60	10.27	7.00	0.18
16.05	9.73	6.50	0.28	18.65	10.28	7.01	0.18
16.10	9.74	6.51	0.28	18.70	10.29	7.01	0.18
16.15	9.76	6.52	0.28	18.75	10.30	7.02	0.18
16.20	9.77	6.54	0.28	18.80	10.30	7.03	0.18
16.25	9.78	6.55	0.27	18.85	10.31	7.04	0.18
16.30	9.80	6.56	0.27	18.90	10.32	7.04	0.18
16.35	9.81	6.57	0.27	18.95	10.33	7.05	0.18
16.40	9.82	6.58	0.27	19.00	10.34	7.06	0.18
16.45	9.83	6.59	0.26	19.05	10.35	7.07	0.18
16.50	9.85	6.60	0.26	19.10	10.35	7.08	0.18
16.55	9.86	6.62	0.26	19.15	10.36	7.08	0.18
16.60	9.87	6.63	0.26	19.20	10.37	7.09	0.17
16.65	9.88	6.64	0.26	19.25	10.38	7.10	0.17
16.70	9.89	6.65	0.25	19.30	10.39	7.11	0.17
16.75	9.91	6.66	0.25	19.35	10.40	7.11	0.17
16.80	9.92	6.67	0.25	19.40	10.40	7.12	0.17
16.85	9.93	6.68	0.25	19.45	10.41	7.13	0.17
16.90	9.94	6.69	0.24	19.50	10.42	7.14	0.17
16.95	9.95	6.70	0.24	19.55	10.43	7.14	0.17
17.00	9.96	6.71	0.24	19.60	10.44	7.15	0.17
17.05	9.97	6.72	0.24	19.65	10.44	7.16	0.17
17.10	9.99	6.73	0.24	19.70	10.45	7.17	0.17
17.15	10.00	6.74	0.23	19.75	10.46	7.17	0.17
17.20	10.01	6.75	0.23	19.80	10.47	7.18	0.17
17.25	10.02	6.76	0.23	19.85	10.48	7.19	0.17
17.30	10.03	6.77	0.23	19.90	10.48	7.20	0.17
17.35	10.04	6.78	0.22	19.95	10.49	7.20	0.17
17.40	10.05	6.79	0.22	20.00	10.50	7.21	0.17
17.45	10.06	6.80	0.22	20.05	10.51	7.22	0.17
17.50	10.07	6.81	0.22	20.10	10.52	7.23	0.16
17.55	10.08	6.82	0.22	20.15	10.52	7.23	0.16
17.60	10.09	6.83	0.21	20.20	10.53	7.24	0.16
17.65	10.10	6.84	0.21	20.25	10.54	7.25	0.16
17.70	10.11	6.85	0.21	20.30	10.55	7.25	0.16
17.75	10.12	6.86	0.21	20.35	10.55	7.26	0.16
17.80	10.13	6.87	0.20	20.40	10.56	7.27	0.16
17.85	10.14	6.87	0.20	20.45	10.57	7.28	0.16
17.90	10.15	6.88	0.20	20.50	10.58	7.28	0.16
17.95	10.16	6.89	0.20	20.55	10.58	7.29	0.16
18.00	10.17	6.90	0.20	20.60	10.59	7.30	0.16
18.05	10.17	6.91	0.19	20.65	10.60	7.30	0.16
18.10	10.18	6.92	0.19	20.70	10.61	7.31	0.16
18.15	10.19	6.92	0.19	20.75	10.61	7.32	0.16

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.16	23.40	10.97	7.65	0.13
20.85	10.63	7.33	0.16	23.45	10.97	7.65	0.13
20.90	10.64	7.34	0.16	23.50	10.98	7.66	0.13
20.95	10.64	7.34	0.15	23.55	10.99	7.66	0.13
21.00	10.65	7.35	0.15	23.60	10.99	7.67	0.12
21.05	10.66	7.36	0.15	23.65	11.00	7.67	0.12
21.10	10.66	7.36	0.15	23.70	11.00	7.68	0.12
21.15	10.67	7.37	0.15	23.75	11.01	7.69	0.12
21.20	10.68	7.38	0.15	23.80	11.01	7.69	0.12
21.25	10.69	7.38	0.15	23.85	11.02	7.70	0.12
21.30	10.69	7.39	0.15	23.90	11.03	7.70	0.12
21.35	10.70	7.40	0.15	23.95	11.03	7.71	0.12
21.40	10.71	7.40	0.15	24.00	11.04	7.72	0.13
21.45	10.71	7.41	0.15	24.05	11.04	7.72	0.13
21.50	10.72	7.42	0.15	24.10	11.04	7.72	0.11
21.55	10.73	7.42	0.15	24.15	11.04	7.72	0.06
21.60	10.74	7.43	0.15	24.20	11.04	7.72	0.03
21.65	10.74	7.44	0.15	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.15	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.15	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.15	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.15	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.14	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.14	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.14	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.14	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.14	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.14	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.14	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.14	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.14	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.14	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.14	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.14	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.14	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.14	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.14	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.14	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.14	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.13	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.13	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.13	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.13	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.13	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.13	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.13	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.13	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.13	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.13	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.13	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.13	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.13	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 19P: PDA-19 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 20I: PDA-20 (impervious)

Runoff = 11.41 cfs @ 12.17 hrs, Volume= 1.017 af, Depth=10.80"
 Routed to Pond B-20 : Basin #20

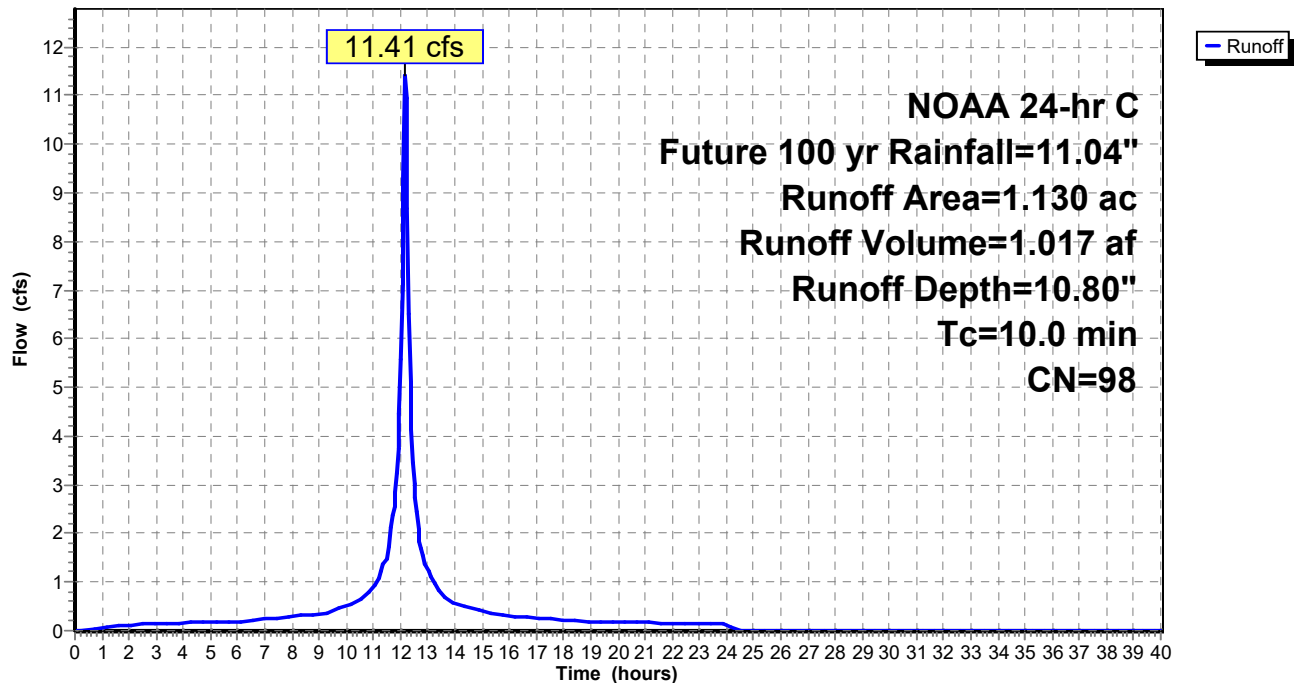
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.572	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.108	98	Concrete, HSC C
1.130	98	Weighted Average
1.130		100.00% Impervious Area

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

Subcatchment 20I: PDA-20 (impervious)

Hydrograph



Hydrograph for Subcatchment 20I: PDA-20 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.13
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.13
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.13
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.13
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.13
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.14
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.14
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.14
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.14
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.14
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.14
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.14
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.14
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.14
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.15
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.15
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.15
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.15
0.90	0.11	0.02	0.05	3.50	0.46	0.29	0.15
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.15
1.00	0.12	0.02	0.06	3.60	0.48	0.30	0.15
1.05	0.13	0.03	0.06	3.65	0.49	0.31	0.15
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.15
1.15	0.14	0.03	0.07	3.75	0.50	0.32	0.16
1.20	0.15	0.04	0.07	3.80	0.51	0.33	0.16
1.25	0.15	0.04	0.07	3.85	0.52	0.33	0.16
1.30	0.16	0.04	0.08	3.90	0.52	0.34	0.16
1.35	0.16	0.05	0.08	3.95	0.53	0.35	0.16
1.40	0.17	0.05	0.08	4.00	0.54	0.35	0.16
1.45	0.18	0.05	0.09	4.05	0.55	0.36	0.16
1.50	0.18	0.06	0.09	4.10	0.56	0.37	0.16
1.55	0.19	0.06	0.09	4.15	0.56	0.38	0.16
1.60	0.20	0.07	0.09	4.20	0.57	0.38	0.16
1.65	0.20	0.07	0.10	4.25	0.58	0.39	0.16
1.70	0.21	0.08	0.10	4.30	0.59	0.40	0.17
1.75	0.22	0.08	0.10	4.35	0.60	0.41	0.17
1.80	0.22	0.09	0.10	4.40	0.60	0.41	0.17
1.85	0.23	0.09	0.10	4.45	0.61	0.42	0.17
1.90	0.24	0.10	0.11	4.50	0.62	0.43	0.17
1.95	0.24	0.10	0.11	4.55	0.63	0.44	0.17
2.00	0.25	0.11	0.11	4.60	0.64	0.44	0.17
2.05	0.26	0.11	0.11	4.65	0.64	0.45	0.17
2.10	0.26	0.12	0.11	4.70	0.65	0.46	0.17
2.15	0.27	0.12	0.12	4.75	0.66	0.47	0.17
2.20	0.28	0.13	0.12	4.80	0.67	0.47	0.17
2.25	0.28	0.13	0.12	4.85	0.68	0.48	0.18
2.30	0.29	0.14	0.12	4.90	0.69	0.49	0.18
2.35	0.30	0.14	0.12	4.95	0.69	0.50	0.18
2.40	0.30	0.15	0.12	5.00	0.70	0.51	0.18
2.45	0.31	0.15	0.13	5.05	0.71	0.51	0.18
2.50	0.32	0.16	0.13	5.10	0.72	0.52	0.18
2.55	0.33	0.17	0.13	5.15	0.73	0.53	0.18

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.18	7.80	1.27	1.05	0.28
5.25	0.74	0.55	0.18	7.85	1.28	1.07	0.28
5.30	0.75	0.55	0.18	7.90	1.30	1.08	0.29
5.35	0.76	0.56	0.18	7.95	1.31	1.09	0.29
5.40	0.77	0.57	0.18	8.00	1.32	1.11	0.29
5.45	0.78	0.58	0.18	8.05	1.34	1.12	0.29
5.50	0.79	0.59	0.19	8.10	1.35	1.13	0.30
5.55	0.80	0.59	0.19	8.15	1.36	1.15	0.30
5.60	0.80	0.60	0.19	8.20	1.38	1.16	0.30
5.65	0.81	0.61	0.19	8.25	1.39	1.17	0.30
5.70	0.82	0.62	0.19	8.30	1.40	1.19	0.31
5.75	0.83	0.63	0.19	8.35	1.42	1.20	0.31
5.80	0.84	0.64	0.19	8.40	1.43	1.21	0.31
5.85	0.85	0.64	0.19	8.45	1.45	1.23	0.31
5.90	0.86	0.65	0.19	8.50	1.46	1.24	0.32
5.95	0.87	0.66	0.19	8.55	1.48	1.26	0.32
6.00	0.87	0.67	0.19	8.60	1.49	1.27	0.32
6.05	0.88	0.68	0.19	8.65	1.51	1.29	0.32
6.10	0.89	0.69	0.20	8.70	1.52	1.30	0.33
6.15	0.90	0.70	0.20	8.75	1.54	1.32	0.33
6.20	0.91	0.71	0.20	8.80	1.55	1.33	0.33
6.25	0.92	0.71	0.20	8.85	1.57	1.35	0.33
6.30	0.93	0.72	0.20	8.90	1.58	1.36	0.34
6.35	0.94	0.73	0.21	8.95	1.60	1.38	0.34
6.40	0.95	0.74	0.21	9.00	1.61	1.39	0.34
6.45	0.96	0.75	0.21	9.05	1.63	1.41	0.35
6.50	0.97	0.76	0.21	9.10	1.64	1.42	0.35
6.55	0.98	0.77	0.22	9.15	1.66	1.44	0.36
6.60	0.99	0.78	0.22	9.20	1.68	1.46	0.37
6.65	1.00	0.79	0.22	9.25	1.70	1.47	0.38
6.70	1.01	0.80	0.23	9.30	1.72	1.49	0.38
6.75	1.02	0.81	0.23	9.35	1.73	1.51	0.39
6.80	1.03	0.82	0.23	9.40	1.75	1.53	0.40
6.85	1.04	0.83	0.23	9.45	1.77	1.55	0.41
6.90	1.05	0.84	0.23	9.50	1.79	1.57	0.42
6.95	1.07	0.85	0.24	9.55	1.81	1.59	0.43
7.00	1.08	0.87	0.24	9.60	1.83	1.61	0.44
7.05	1.09	0.88	0.24	9.65	1.85	1.63	0.45
7.10	1.10	0.89	0.25	9.70	1.88	1.65	0.46
7.15	1.11	0.90	0.25	9.75	1.90	1.67	0.47
7.20	1.12	0.91	0.25	9.80	1.92	1.69	0.48
7.25	1.13	0.92	0.25	9.85	1.94	1.72	0.49
7.30	1.15	0.93	0.26	9.90	1.97	1.74	0.50
7.35	1.16	0.94	0.26	9.95	1.99	1.76	0.51
7.40	1.17	0.96	0.26	10.00	2.01	1.79	0.52
7.45	1.18	0.97	0.26	10.05	2.04	1.81	0.53
7.50	1.19	0.98	0.27	10.10	2.06	1.84	0.54
7.55	1.21	0.99	0.27	10.15	2.09	1.86	0.54
7.60	1.22	1.00	0.27	10.20	2.11	1.89	0.55
7.65	1.23	1.02	0.27	10.25	2.14	1.91	0.56
7.70	1.24	1.03	0.28	10.30	2.17	1.94	0.57
7.75	1.26	1.04	0.28	10.35	2.19	1.97	0.58

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.59	13.00	8.39	8.15	1.27
10.45	2.25	2.02	0.60	13.05	8.43	8.19	1.21
10.50	2.28	2.05	0.61	13.10	8.48	8.24	1.14
10.55	2.31	2.08	0.62	13.15	8.52	8.28	1.07
10.60	2.34	2.11	0.64	13.20	8.56	8.32	1.02
10.65	2.37	2.14	0.67	13.25	8.60	8.36	0.97
10.70	2.41	2.18	0.70	13.30	8.63	8.39	0.93
10.75	2.44	2.21	0.74	13.35	8.67	8.43	0.89
10.80	2.48	2.25	0.77	13.40	8.70	8.46	0.86
10.85	2.52	2.29	0.81	13.45	8.73	8.49	0.82
10.90	2.56	2.33	0.84	13.50	8.76	8.52	0.78
10.95	2.61	2.38	0.88	13.55	8.79	8.55	0.75
11.00	2.65	2.42	0.92	13.60	8.82	8.58	0.71
11.05	2.70	2.47	0.95	13.65	8.85	8.61	0.68
11.10	2.75	2.52	1.00	13.70	8.87	8.63	0.65
11.15	2.80	2.57	1.06	13.75	8.90	8.66	0.63
11.20	2.86	2.63	1.12	13.80	8.93	8.69	0.62
11.25	2.92	2.69	1.19	13.85	8.95	8.71	0.61
11.30	2.98	2.75	1.26	13.90	8.98	8.74	0.60
11.35	3.05	2.82	1.32	13.95	9.00	8.76	0.59
11.40	3.12	2.89	1.39	14.00	9.03	8.79	0.58
11.45	3.19	2.96	1.46	14.05	9.05	8.81	0.57
11.50	3.26	3.03	1.52	14.10	9.07	8.83	0.56
11.55	3.37	3.14	1.60	14.15	9.10	8.86	0.55
11.60	3.49	3.25	1.82	14.20	9.12	8.88	0.54
11.65	3.60	3.37	2.12	14.25	9.14	8.90	0.53
11.70	3.72	3.49	2.36	14.30	9.16	8.92	0.52
11.75	3.88	3.65	2.55	14.35	9.19	8.95	0.51
11.80	4.04	3.81	2.83	14.40	9.21	8.97	0.50
11.85	4.27	4.03	3.22	14.45	9.23	8.99	0.49
11.90	4.49	4.25	3.76	14.50	9.25	9.01	0.49
11.95	4.88	4.64	4.47	14.55	9.27	9.03	0.48
12.00	5.26	5.02	5.60	14.60	9.29	9.05	0.47
12.05	5.91	5.67	7.13	14.65	9.31	9.07	0.46
12.10	6.55	6.31	9.26	14.70	9.32	9.08	0.45
12.15	6.77	6.53	11.26	14.75	9.34	9.10	0.44
12.20	7.00	6.76	10.94	14.80	9.36	9.12	0.43
12.25	7.16	6.92	8.66	14.85	9.38	9.14	0.42
12.30	7.32	7.08	6.53	14.90	9.40	9.15	0.41
12.35	7.44	7.20	5.12	14.95	9.41	9.17	0.40
12.40	7.55	7.31	4.15	15.00	9.43	9.19	0.39
12.45	7.67	7.43	3.46	15.05	9.44	9.20	0.38
12.50	7.78	7.54	3.02	15.10	9.46	9.22	0.37
12.55	7.85	7.61	2.75	15.15	9.47	9.23	0.36
12.60	7.92	7.68	2.44	15.20	9.49	9.25	0.36
12.65	7.99	7.75	2.09	15.25	9.50	9.26	0.35
12.70	8.06	7.82	1.83	15.30	9.52	9.28	0.35
12.75	8.12	7.88	1.68	15.35	9.53	9.29	0.35
12.80	8.18	7.94	1.58	15.40	9.55	9.31	0.34
12.85	8.24	8.00	1.49	15.45	9.56	9.32	0.34
12.90	8.29	8.05	1.41	15.50	9.58	9.34	0.34
12.95	8.34	8.10	1.34	15.55	9.59	9.35	0.34

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.33	18.20	10.20	9.96	0.20
15.65	9.62	9.38	0.33	18.25	10.21	9.97	0.20
15.70	9.64	9.39	0.33	18.30	10.22	9.98	0.20
15.75	9.65	9.41	0.33	18.35	10.23	9.99	0.20
15.80	9.66	9.42	0.32	18.40	10.24	9.99	0.20
15.85	9.68	9.44	0.32	18.45	10.24	10.00	0.20
15.90	9.69	9.45	0.32	18.50	10.25	10.01	0.20
15.95	9.70	9.46	0.32	18.55	10.26	10.02	0.20
16.00	9.72	9.48	0.31	18.60	10.27	10.03	0.20
16.05	9.73	9.49	0.31	18.65	10.28	10.04	0.20
16.10	9.74	9.50	0.31	18.70	10.29	10.05	0.20
16.15	9.76	9.52	0.31	18.75	10.30	10.05	0.20
16.20	9.77	9.53	0.30	18.80	10.30	10.06	0.19
16.25	9.78	9.54	0.30	18.85	10.31	10.07	0.19
16.30	9.80	9.55	0.30	18.90	10.32	10.08	0.19
16.35	9.81	9.57	0.30	18.95	10.33	10.09	0.19
16.40	9.82	9.58	0.29	19.00	10.34	10.10	0.19
16.45	9.83	9.59	0.29	19.05	10.35	10.11	0.19
16.50	9.85	9.60	0.29	19.10	10.35	10.11	0.19
16.55	9.86	9.62	0.28	19.15	10.36	10.12	0.19
16.60	9.87	9.63	0.28	19.20	10.37	10.13	0.19
16.65	9.88	9.64	0.28	19.25	10.38	10.14	0.19
16.70	9.89	9.65	0.28	19.30	10.39	10.15	0.19
16.75	9.91	9.66	0.28	19.35	10.40	10.15	0.19
16.80	9.92	9.68	0.27	19.40	10.40	10.16	0.19
16.85	9.93	9.69	0.27	19.45	10.41	10.17	0.19
16.90	9.94	9.70	0.27	19.50	10.42	10.18	0.19
16.95	9.95	9.71	0.27	19.55	10.43	10.19	0.19
17.00	9.96	9.72	0.26	19.60	10.44	10.20	0.18
17.05	9.97	9.73	0.26	19.65	10.44	10.20	0.18
17.10	9.99	9.74	0.26	19.70	10.45	10.21	0.18
17.15	10.00	9.76	0.26	19.75	10.46	10.22	0.18
17.20	10.01	9.77	0.25	19.80	10.47	10.23	0.18
17.25	10.02	9.78	0.25	19.85	10.48	10.24	0.18
17.30	10.03	9.79	0.25	19.90	10.48	10.24	0.18
17.35	10.04	9.80	0.24	19.95	10.49	10.25	0.18
17.40	10.05	9.81	0.24	20.00	10.50	10.26	0.18
17.45	10.06	9.82	0.24	20.05	10.51	10.27	0.18
17.50	10.07	9.83	0.24	20.10	10.52	10.27	0.18
17.55	10.08	9.84	0.24	20.15	10.52	10.28	0.18
17.60	10.09	9.85	0.23	20.20	10.53	10.29	0.18
17.65	10.10	9.86	0.23	20.25	10.54	10.30	0.18
17.70	10.11	9.87	0.23	20.30	10.55	10.31	0.18
17.75	10.12	9.88	0.23	20.35	10.55	10.31	0.18
17.80	10.13	9.89	0.22	20.40	10.56	10.32	0.17
17.85	10.14	9.90	0.22	20.45	10.57	10.33	0.17
17.90	10.15	9.91	0.22	20.50	10.58	10.34	0.17
17.95	10.16	9.92	0.22	20.55	10.58	10.34	0.17
18.00	10.17	9.92	0.21	20.60	10.59	10.35	0.17
18.05	10.17	9.93	0.21	20.65	10.60	10.36	0.17
18.10	10.18	9.94	0.21	20.70	10.61	10.37	0.17
18.15	10.19	9.95	0.21	20.75	10.61	10.37	0.17

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.17	23.40	10.97	10.73	0.14
20.85	10.63	10.39	0.17	23.45	10.97	10.73	0.14
20.90	10.64	10.39	0.17	23.50	10.98	10.74	0.14
20.95	10.64	10.40	0.17	23.55	10.99	10.74	0.14
21.00	10.65	10.41	0.17	23.60	10.99	10.75	0.13
21.05	10.66	10.42	0.17	23.65	11.00	10.76	0.13
21.10	10.66	10.42	0.17	23.70	11.00	10.76	0.13
21.15	10.67	10.43	0.17	23.75	11.01	10.77	0.13
21.20	10.68	10.44	0.16	23.80	11.01	10.77	0.13
21.25	10.69	10.45	0.16	23.85	11.02	10.78	0.13
21.30	10.69	10.45	0.16	23.90	11.03	10.78	0.13
21.35	10.70	10.46	0.16	23.95	11.03	10.79	0.13
21.40	10.71	10.47	0.16	24.00	11.04	10.80	0.14
21.45	10.71	10.47	0.16	24.05	11.04	10.80	0.14
21.50	10.72	10.48	0.16	24.10	11.04	10.80	0.12
21.55	10.73	10.49	0.16	24.15	11.04	10.80	0.07
21.60	10.74	10.49	0.16	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.16	24.25	11.04	10.80	0.02
21.70	10.75	10.51	0.16	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.16	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.16	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.16	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.16	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.16	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.15	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.15	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.15	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.15	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.15	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.15	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.15	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.15	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.15	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.15	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.15	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.15	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.15	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.15	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.15	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.15	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.14	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.14	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.14	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.14	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.14	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.14	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.14	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.14	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.14	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.14	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.14	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.14	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 20I: PDA-20 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 20P: PDA-20 (pervious)

Runoff = 11.04 cfs @ 12.17 hrs, Volume= 0.851 af, Depth= 7.72"
 Routed to Pond B-20 : Basin #20

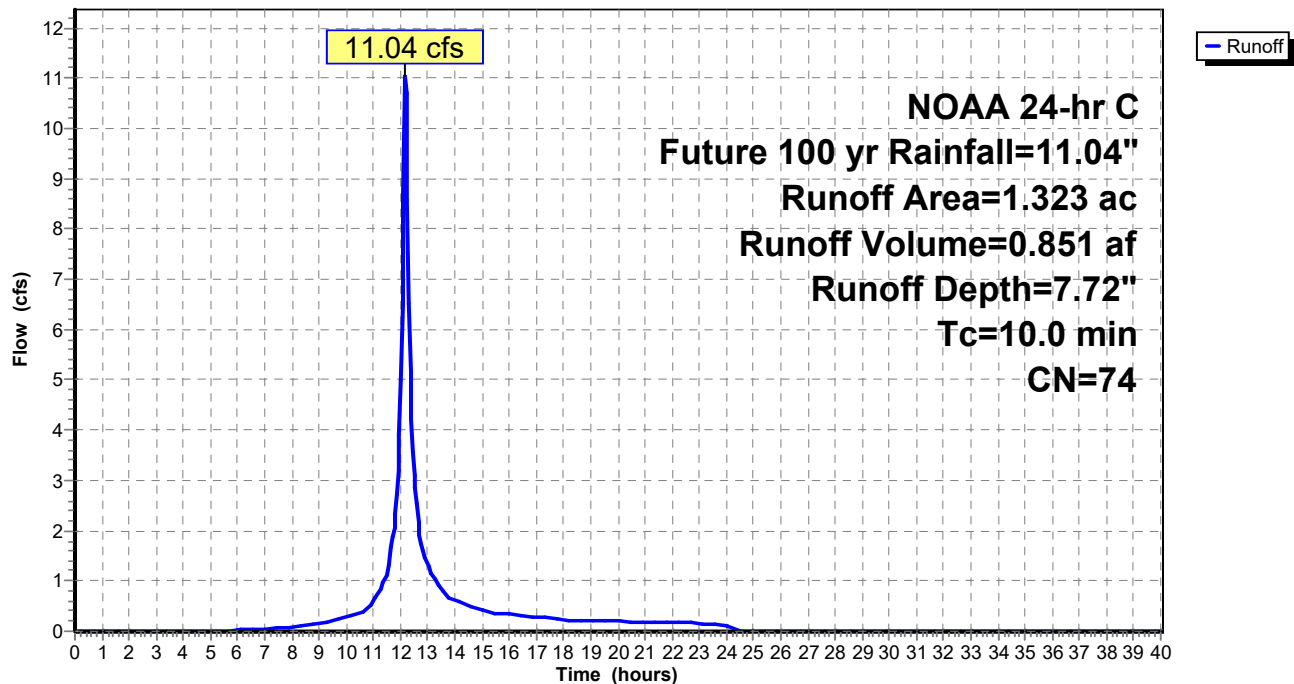
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.323	74	>75% Grass cover, Good, HSG C
1.323		100.00% Pervious Area

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

Subcatchment 20P: PDA-20 (pervious)

Hydrograph



Hydrograph for Subcatchment 20P: PDA-20 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.08
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.08
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.09
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.09
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.09
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.10
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.10
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.10
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.11
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.11
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.11
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.12
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.12
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.12
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.13
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.13
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.13
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.14
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.14
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.14
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.15
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.15
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.16
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.16
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.17
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.17
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.18
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.19
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.19
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.20
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.21
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.22
7.05	1.09	0.04	0.05	9.65	1.85	0.28	0.22
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.23
7.15	1.11	0.04	0.05	9.75	1.90	0.30	0.24
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.24
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.25
7.30	1.15	0.05	0.06	9.90	1.97	0.33	0.26
7.35	1.16	0.05	0.06	9.95	1.99	0.34	0.27
7.40	1.17	0.05	0.06	10.00	2.01	0.36	0.28
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.29
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.29
7.55	1.21	0.06	0.07	10.15	2.09	0.39	0.30
7.60	1.22	0.07	0.07	10.20	2.11	0.40	0.31
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.32
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.33
7.75	1.26	0.08	0.08	10.35	2.19	0.44	0.34

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.35	13.00	8.39	5.28	1.34
10.45	2.25	0.47	0.36	13.05	8.43	5.32	1.27
10.50	2.28	0.49	0.37	13.10	8.48	5.36	1.20
10.55	2.31	0.50	0.38	13.15	8.52	5.39	1.13
10.60	2.34	0.52	0.39	13.20	8.56	5.43	1.07
10.65	2.37	0.54	0.41	13.25	8.60	5.46	1.03
10.70	2.41	0.56	0.44	13.30	8.63	5.50	0.99
10.75	2.44	0.58	0.46	13.35	8.67	5.53	0.95
10.80	2.48	0.60	0.49	13.40	8.70	5.56	0.91
10.85	2.52	0.62	0.52	13.45	8.73	5.59	0.87
10.90	2.56	0.64	0.55	13.50	8.76	5.61	0.83
10.95	2.61	0.67	0.58	13.55	8.79	5.64	0.79
11.00	2.65	0.69	0.61	13.60	8.82	5.67	0.76
11.05	2.70	0.72	0.64	13.65	8.85	5.69	0.72
11.10	2.75	0.75	0.68	13.70	8.87	5.71	0.69
11.15	2.80	0.79	0.73	13.75	8.90	5.74	0.67
11.20	2.86	0.82	0.79	13.80	8.93	5.76	0.66
11.25	2.92	0.86	0.84	13.85	8.95	5.79	0.65
11.30	2.98	0.90	0.90	13.90	8.98	5.81	0.64
11.35	3.05	0.94	0.96	13.95	9.00	5.83	0.63
11.40	3.12	0.98	1.02	14.00	9.03	5.85	0.62
11.45	3.19	1.03	1.08	14.05	9.05	5.88	0.61
11.50	3.26	1.08	1.14	14.10	9.07	5.90	0.60
11.55	3.37	1.15	1.22	14.15	9.10	5.92	0.59
11.60	3.49	1.23	1.41	14.20	9.12	5.94	0.58
11.65	3.60	1.31	1.67	14.25	9.14	5.96	0.57
11.70	3.72	1.39	1.89	14.30	9.16	5.98	0.56
11.75	3.88	1.51	2.06	14.35	9.19	6.00	0.55
11.80	4.04	1.63	2.33	14.40	9.21	6.02	0.54
11.85	4.27	1.79	2.70	14.45	9.23	6.04	0.53
11.90	4.49	1.96	3.21	14.50	9.25	6.06	0.52
11.95	4.88	2.27	3.89	14.55	9.27	6.07	0.51
12.00	5.26	2.57	4.99	14.60	9.29	6.09	0.50
12.05	5.91	3.11	6.51	14.65	9.31	6.11	0.49
12.10	6.55	3.65	8.68	14.70	9.32	6.13	0.48
12.15	6.77	3.85	10.82	14.75	9.34	6.14	0.47
12.20	7.00	4.04	10.69	14.80	9.36	6.16	0.46
12.25	7.16	4.18	8.58	14.85	9.38	6.17	0.45
12.30	7.32	4.32	6.53	14.90	9.40	6.19	0.44
12.35	7.44	4.43	5.17	14.95	9.41	6.21	0.43
12.40	7.55	4.53	4.22	15.00	9.43	6.22	0.42
12.45	7.67	4.63	3.55	15.05	9.44	6.23	0.41
12.50	7.78	4.73	3.11	15.10	9.46	6.25	0.40
12.55	7.85	4.79	2.84	15.15	9.47	6.26	0.39
12.60	7.92	4.86	2.53	15.20	9.49	6.28	0.38
12.65	7.99	4.92	2.17	15.25	9.50	6.29	0.38
12.70	8.06	4.98	1.91	15.30	9.52	6.30	0.37
12.75	8.12	5.03	1.76	15.35	9.53	6.32	0.37
12.80	8.18	5.09	1.65	15.40	9.55	6.33	0.37
12.85	8.24	5.14	1.56	15.45	9.56	6.34	0.37
12.90	8.29	5.19	1.49	15.50	9.58	6.36	0.36
12.95	8.34	5.23	1.41	15.55	9.59	6.37	0.36

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.36	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.36	18.25	10.21	6.94	0.22
15.70	9.64	6.41	0.35	18.30	10.22	6.95	0.22
15.75	9.65	6.42	0.35	18.35	10.23	6.96	0.22
15.80	9.66	6.44	0.35	18.40	10.24	6.97	0.22
15.85	9.68	6.45	0.34	18.45	10.24	6.97	0.22
15.90	9.69	6.46	0.34	18.50	10.25	6.98	0.22
15.95	9.70	6.47	0.34	18.55	10.26	6.99	0.22
16.00	9.72	6.49	0.34	18.60	10.27	7.00	0.21
16.05	9.73	6.50	0.33	18.65	10.28	7.01	0.21
16.10	9.74	6.51	0.33	18.70	10.29	7.01	0.21
16.15	9.76	6.52	0.33	18.75	10.30	7.02	0.21
16.20	9.77	6.54	0.33	18.80	10.30	7.03	0.21
16.25	9.78	6.55	0.32	18.85	10.31	7.04	0.21
16.30	9.80	6.56	0.32	18.90	10.32	7.04	0.21
16.35	9.81	6.57	0.32	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.32	19.00	10.34	7.06	0.21
16.45	9.83	6.59	0.31	19.05	10.35	7.07	0.21
16.50	9.85	6.60	0.31	19.10	10.35	7.08	0.21
16.55	9.86	6.62	0.31	19.15	10.36	7.08	0.21
16.60	9.87	6.63	0.31	19.20	10.37	7.09	0.21
16.65	9.88	6.64	0.30	19.25	10.38	7.10	0.21
16.70	9.89	6.65	0.30	19.30	10.39	7.11	0.21
16.75	9.91	6.66	0.30	19.35	10.40	7.11	0.20
16.80	9.92	6.67	0.29	19.40	10.40	7.12	0.20
16.85	9.93	6.68	0.29	19.45	10.41	7.13	0.20
16.90	9.94	6.69	0.29	19.50	10.42	7.14	0.20
16.95	9.95	6.70	0.29	19.55	10.43	7.14	0.20
17.00	9.96	6.71	0.28	19.60	10.44	7.15	0.20
17.05	9.97	6.72	0.28	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.28	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.28	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.27	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.27	19.85	10.48	7.19	0.20
17.30	10.03	6.77	0.27	19.90	10.48	7.20	0.20
17.35	10.04	6.78	0.27	19.95	10.49	7.20	0.20
17.40	10.05	6.79	0.26	20.00	10.50	7.21	0.20
17.45	10.06	6.80	0.26	20.05	10.51	7.22	0.20
17.50	10.07	6.81	0.26	20.10	10.52	7.23	0.19
17.55	10.08	6.82	0.25	20.15	10.52	7.23	0.19
17.60	10.09	6.83	0.25	20.20	10.53	7.24	0.19
17.65	10.10	6.84	0.25	20.25	10.54	7.25	0.19
17.70	10.11	6.85	0.25	20.30	10.55	7.25	0.19
17.75	10.12	6.86	0.24	20.35	10.55	7.26	0.19
17.80	10.13	6.87	0.24	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.24	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.24	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.23	20.55	10.58	7.29	0.19
18.00	10.17	6.90	0.23	20.60	10.59	7.30	0.19
18.05	10.17	6.91	0.23	20.65	10.60	7.30	0.19
18.10	10.18	6.92	0.23	20.70	10.61	7.31	0.19
18.15	10.19	6.92	0.22	20.75	10.61	7.32	0.19

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.19	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.18	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.18	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.18	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.18	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.18	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.15
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.15
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.14
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.14
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.14
21.40	10.71	7.40	0.18	24.00	11.04	7.72	0.15
21.45	10.71	7.41	0.18	24.05	11.04	7.72	0.16
21.50	10.72	7.42	0.18	24.10	11.04	7.72	0.13
21.55	10.73	7.42	0.18	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.17	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.17	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.17	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.17	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.17	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.17	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.17	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.17	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.17	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.16	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.16	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.16	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.16	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.16	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.16	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.16	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.16	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.16	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.15	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.15	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.15	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.15	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 20P: PDA-20 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 21I: PDA-21 (impervious)

Runoff = 8.95 cfs @ 12.17 hrs, Volume= 0.797 af, Depth=10.80"
 Routed to Pond B-21 : Basin #21

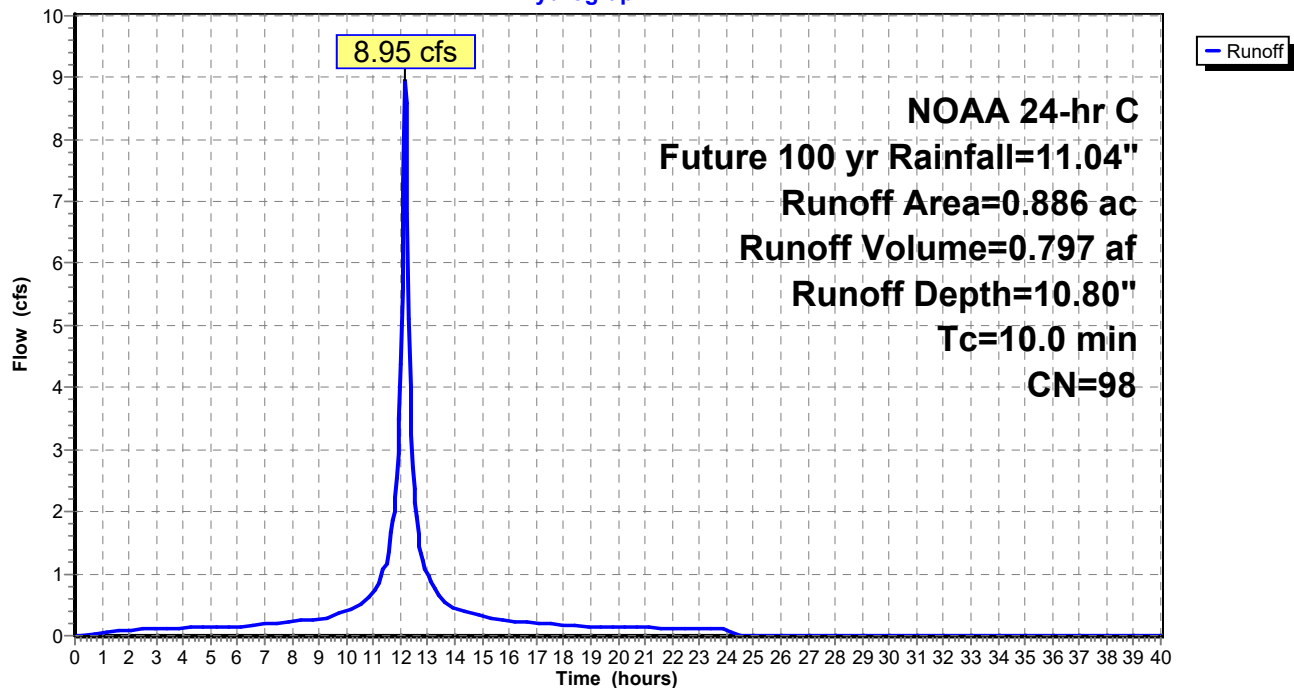
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.511	98	Pavement, HSG C
* 0.321	98	Roof, HSG C
* 0.054	98	Concrete, HSC C
0.886	98	Weighted Average
0.886		100.00% Impervious Area

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

Subcatchment 21I: PDA-21 (impervious)

Hydrograph



Hydrograph for Subcatchment 21I: PDA-21 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.14
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.22
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.22
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.23
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.23
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.23
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.23
5.55	0.80	0.59	0.15	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.15	8.20	1.38	1.16	0.24
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.24
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.24
5.75	0.83	0.63	0.15	8.35	1.42	1.20	0.24
5.80	0.84	0.64	0.15	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.25
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.25
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.25
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.25
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.26
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.26
6.20	0.91	0.71	0.16	8.80	1.55	1.33	0.26
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.26
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.26
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.27
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.27
6.45	0.96	0.75	0.17	9.05	1.63	1.41	0.27
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.28
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.28
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.29
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.29
6.70	1.01	0.80	0.18	9.30	1.72	1.49	0.30
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.31
6.80	1.03	0.82	0.18	9.40	1.75	1.53	0.32
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.32
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.33
6.95	1.07	0.85	0.19	9.55	1.81	1.59	0.34
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.35
7.05	1.09	0.88	0.19	9.65	1.85	1.63	0.35
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.36
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.37
7.20	1.12	0.91	0.20	9.80	1.92	1.69	0.38
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.38
7.30	1.15	0.93	0.20	9.90	1.97	1.74	0.39
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.40
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.41
7.45	1.18	0.97	0.21	10.05	2.04	1.81	0.41
7.50	1.19	0.98	0.21	10.10	2.06	1.84	0.42
7.55	1.21	0.99	0.21	10.15	2.09	1.86	0.43
7.60	1.22	1.00	0.21	10.20	2.11	1.89	0.43
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.44
7.70	1.24	1.03	0.22	10.30	2.17	1.94	0.45
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.46

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.46	13.00	8.39	8.15	1.00
10.45	2.25	2.02	0.47	13.05	8.43	8.19	0.95
10.50	2.28	2.05	0.48	13.10	8.48	8.24	0.89
10.55	2.31	2.08	0.49	13.15	8.52	8.28	0.84
10.60	2.34	2.11	0.50	13.20	8.56	8.32	0.80
10.65	2.37	2.14	0.53	13.25	8.60	8.36	0.76
10.70	2.41	2.18	0.55	13.30	8.63	8.39	0.73
10.75	2.44	2.21	0.58	13.35	8.67	8.43	0.70
10.80	2.48	2.25	0.61	13.40	8.70	8.46	0.67
10.85	2.52	2.29	0.63	13.45	8.73	8.49	0.64
10.90	2.56	2.33	0.66	13.50	8.76	8.52	0.61
10.95	2.61	2.38	0.69	13.55	8.79	8.55	0.59
11.00	2.65	2.42	0.72	13.60	8.82	8.58	0.56
11.05	2.70	2.47	0.75	13.65	8.85	8.61	0.53
11.10	2.75	2.52	0.79	13.70	8.87	8.63	0.51
11.15	2.80	2.57	0.83	13.75	8.90	8.66	0.50
11.20	2.86	2.63	0.88	13.80	8.93	8.69	0.49
11.25	2.92	2.69	0.93	13.85	8.95	8.71	0.48
11.30	2.98	2.75	0.99	13.90	8.98	8.74	0.47
11.35	3.05	2.82	1.04	13.95	9.00	8.76	0.46
11.40	3.12	2.89	1.09	14.00	9.03	8.79	0.45
11.45	3.19	2.96	1.14	14.05	9.05	8.81	0.45
11.50	3.26	3.03	1.19	14.10	9.07	8.83	0.44
11.55	3.37	3.14	1.26	14.15	9.10	8.86	0.43
11.60	3.49	3.25	1.42	14.20	9.12	8.88	0.42
11.65	3.60	3.37	1.66	14.25	9.14	8.90	0.42
11.70	3.72	3.49	1.85	14.30	9.16	8.92	0.41
11.75	3.88	3.65	2.00	14.35	9.19	8.95	0.40
11.80	4.04	3.81	2.22	14.40	9.21	8.97	0.40
11.85	4.27	4.03	2.53	14.45	9.23	8.99	0.39
11.90	4.49	4.25	2.95	14.50	9.25	9.01	0.38
11.95	4.88	4.64	3.50	14.55	9.27	9.03	0.37
12.00	5.26	5.02	4.39	14.60	9.29	9.05	0.37
12.05	5.91	5.67	5.59	14.65	9.31	9.07	0.36
12.10	6.55	6.31	7.26	14.70	9.32	9.08	0.35
12.15	6.77	6.53	8.83	14.75	9.34	9.10	0.34
12.20	7.00	6.76	8.58	14.80	9.36	9.12	0.34
12.25	7.16	6.92	6.79	14.85	9.38	9.14	0.33
12.30	7.32	7.08	5.12	14.90	9.40	9.15	0.32
12.35	7.44	7.20	4.01	14.95	9.41	9.17	0.31
12.40	7.55	7.31	3.25	15.00	9.43	9.19	0.31
12.45	7.67	7.43	2.71	15.05	9.44	9.20	0.30
12.50	7.78	7.54	2.37	15.10	9.46	9.22	0.29
12.55	7.85	7.61	2.15	15.15	9.47	9.23	0.29
12.60	7.92	7.68	1.91	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.64	15.25	9.50	9.26	0.28
12.70	8.06	7.82	1.44	15.30	9.52	9.28	0.27
12.75	8.12	7.88	1.32	15.35	9.53	9.29	0.27
12.80	8.18	7.94	1.23	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.17	15.45	9.56	9.32	0.27
12.90	8.29	8.05	1.11	15.50	9.58	9.34	0.26
12.95	8.34	8.10	1.05	15.55	9.59	9.35	0.26

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.26	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.26	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.25	18.40	10.24	9.99	0.16
15.85	9.68	9.44	0.25	18.45	10.24	10.00	0.16
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.16
15.95	9.70	9.46	0.25	18.55	10.26	10.02	0.16
16.00	9.72	9.48	0.25	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.24	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.24	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.24	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.24	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.23	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.23	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.23	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.23	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.22	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.22	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.22	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.15
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.15
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.15
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.21	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.20	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.20	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.19	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.18	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.14
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.14
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.17	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 21I: PDA-21 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 21P: PDA-21 (pervious)

Runoff = 13.47 cfs @ 12.17 hrs, Volume= 1.038 af, Depth= 7.72"
 Routed to Pond B-21 : Basin #21

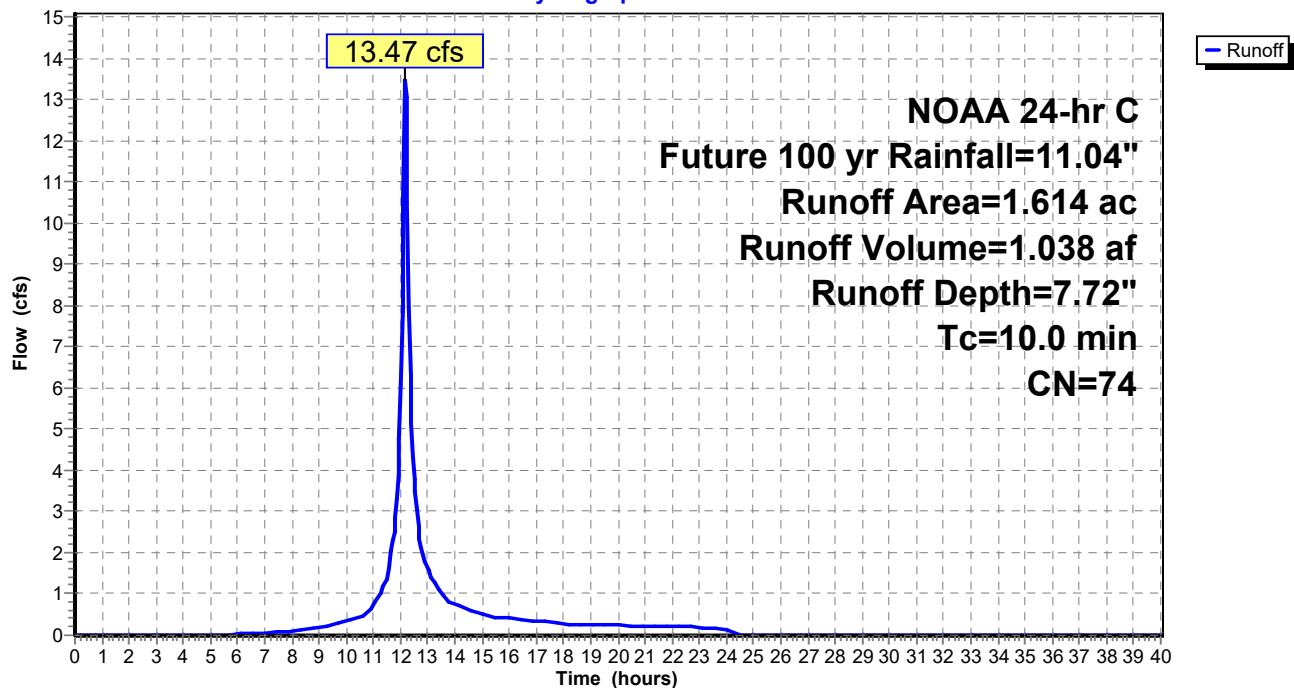
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.614	74	>75% Grass cover, Good, HSG C
1.614		100.00% Pervious Area

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

Subcatchment 21P: PDA-21 (pervious)

Hydrograph



Hydrograph for Subcatchment 21P: PDA-21 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.11
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.16
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.17
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.19
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.21
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.21
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.22
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.25
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.25
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.26
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.27
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.28
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.29
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.36
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.37
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.38
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.39
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.40
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.41

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.42	13.00	8.39	5.28	1.63
10.45	2.25	0.47	0.43	13.05	8.43	5.32	1.55
10.50	2.28	0.49	0.45	13.10	8.48	5.36	1.46
10.55	2.31	0.50	0.46	13.15	8.52	5.39	1.38
10.60	2.34	0.52	0.48	13.20	8.56	5.43	1.31
10.65	2.37	0.54	0.50	13.25	8.60	5.46	1.25
10.70	2.41	0.56	0.53	13.30	8.63	5.50	1.20
10.75	2.44	0.58	0.57	13.35	8.67	5.53	1.15
10.80	2.48	0.60	0.60	13.40	8.70	5.56	1.11
10.85	2.52	0.62	0.63	13.45	8.73	5.59	1.06
10.90	2.56	0.64	0.67	13.50	8.76	5.61	1.01
10.95	2.61	0.67	0.71	13.55	8.79	5.64	0.97
11.00	2.65	0.69	0.75	13.60	8.82	5.67	0.92
11.05	2.70	0.72	0.78	13.65	8.85	5.69	0.88
11.10	2.75	0.75	0.83	13.70	8.87	5.71	0.85
11.15	2.80	0.79	0.89	13.75	8.90	5.74	0.82
11.20	2.86	0.82	0.96	13.80	8.93	5.76	0.81
11.25	2.92	0.86	1.03	13.85	8.95	5.79	0.79
11.30	2.98	0.90	1.10	13.90	8.98	5.81	0.78
11.35	3.05	0.94	1.17	13.95	9.00	5.83	0.77
11.40	3.12	0.98	1.25	14.00	9.03	5.85	0.75
11.45	3.19	1.03	1.32	14.05	9.05	5.88	0.74
11.50	3.26	1.08	1.40	14.10	9.07	5.90	0.73
11.55	3.37	1.15	1.49	14.15	9.10	5.92	0.72
11.60	3.49	1.23	1.72	14.20	9.12	5.94	0.71
11.65	3.60	1.31	2.03	14.25	9.14	5.96	0.69
11.70	3.72	1.39	2.30	14.30	9.16	5.98	0.68
11.75	3.88	1.51	2.52	14.35	9.19	6.00	0.67
11.80	4.04	1.63	2.84	14.40	9.21	6.02	0.66
11.85	4.27	1.79	3.30	14.45	9.23	6.04	0.65
11.90	4.49	1.96	3.92	14.50	9.25	6.06	0.63
11.95	4.88	2.27	4.75	14.55	9.27	6.07	0.62
12.00	5.26	2.57	6.09	14.60	9.29	6.09	0.61
12.05	5.91	3.11	7.94	14.65	9.31	6.11	0.60
12.10	6.55	3.65	10.59	14.70	9.32	6.13	0.59
12.15	6.77	3.85	13.20	14.75	9.34	6.14	0.57
12.20	7.00	4.04	13.05	14.80	9.36	6.16	0.56
12.25	7.16	4.18	10.46	14.85	9.38	6.17	0.55
12.30	7.32	4.32	7.96	14.90	9.40	6.19	0.54
12.35	7.44	4.43	6.31	14.95	9.41	6.21	0.52
12.40	7.55	4.53	5.15	15.00	9.43	6.22	0.51
12.45	7.67	4.63	4.33	15.05	9.44	6.23	0.50
12.50	7.78	4.73	3.80	15.10	9.46	6.25	0.49
12.55	7.85	4.79	3.47	15.15	9.47	6.26	0.48
12.60	7.92	4.86	3.08	15.20	9.49	6.28	0.47
12.65	7.99	4.92	2.65	15.25	9.50	6.29	0.46
12.70	8.06	4.98	2.33	15.30	9.52	6.30	0.46
12.75	8.12	5.03	2.14	15.35	9.53	6.32	0.45
12.80	8.18	5.09	2.01	15.40	9.55	6.33	0.45
12.85	8.24	5.14	1.91	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.81	15.50	9.58	6.36	0.44
12.95	8.34	5.23	1.72	15.55	9.59	6.37	0.44

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.44	18.20	10.20	6.93	0.27
15.65	9.62	6.40	0.43	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.43	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.42	18.40	10.24	6.97	0.26
15.85	9.68	6.45	0.42	18.45	10.24	6.97	0.26
15.90	9.69	6.46	0.42	18.50	10.25	6.98	0.26
15.95	9.70	6.47	0.41	18.55	10.26	6.99	0.26
16.00	9.72	6.49	0.41	18.60	10.27	7.00	0.26
16.05	9.73	6.50	0.41	18.65	10.28	7.01	0.26
16.10	9.74	6.51	0.40	18.70	10.29	7.01	0.26
16.15	9.76	6.52	0.40	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.40	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.39	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.39	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.38	19.05	10.35	7.07	0.25
16.50	9.85	6.60	0.38	19.10	10.35	7.08	0.25
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.25
16.60	9.87	6.63	0.37	19.20	10.37	7.09	0.25
16.65	9.88	6.64	0.37	19.25	10.38	7.10	0.25
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.25
16.75	9.91	6.66	0.36	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.36	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.35	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.35	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.34	19.65	10.44	7.16	0.24
17.10	9.99	6.73	0.34	19.70	10.45	7.17	0.24
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.24
17.20	10.01	6.75	0.33	19.80	10.47	7.18	0.24
17.25	10.02	6.76	0.33	19.85	10.48	7.19	0.24
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.24
17.35	10.04	6.78	0.32	19.95	10.49	7.20	0.24
17.40	10.05	6.79	0.32	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.31	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.31	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.30	20.25	10.54	7.25	0.23
17.70	10.11	6.85	0.30	20.30	10.55	7.25	0.23
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.23
17.80	10.13	6.87	0.29	20.40	10.56	7.27	0.23
17.85	10.14	6.87	0.29	20.45	10.57	7.28	0.23
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.23
17.95	10.16	6.89	0.28	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.28	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.27	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.18
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.18
20.90	10.64	7.34	0.22	23.50	10.98	7.66	0.18
20.95	10.64	7.34	0.22	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.22	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.22	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.22	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.18
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.18
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.21	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.21	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.21	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.21	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.21	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.20	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.20	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.20	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.20	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.20	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.20	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.19	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.19	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.19	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.19	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.18	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.18	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 21P: PDA-21 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 22I: PDA-22 (impervious)

Runoff = 8.21 cfs @ 12.17 hrs, Volume= 0.732 af, Depth=10.80"
 Routed to Pond B-22 : Basin #22

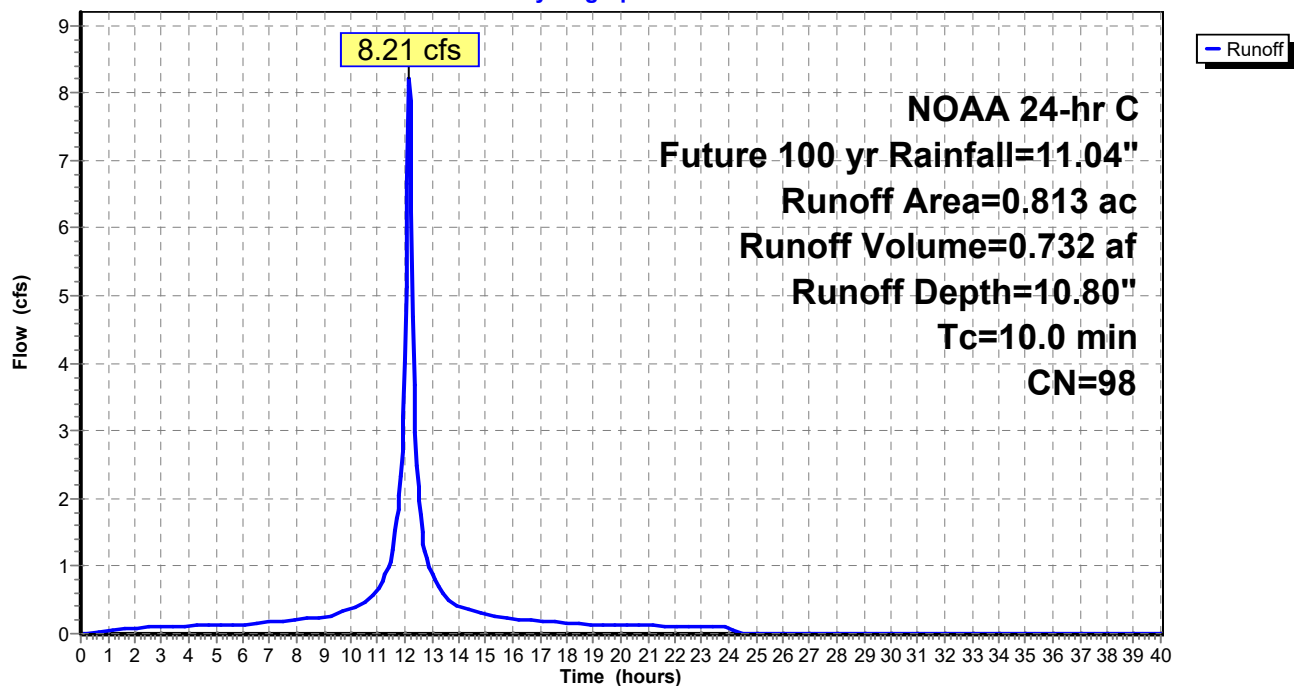
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.083	98	Pavement, HSG C
* 0.707	98	Roof, HSG C
* 0.023	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 22I: PDA-22 (impervious)

Hydrograph



Hydrograph for Subcatchment 22I: PDA-22 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.10
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.10
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.10
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.10
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.11
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.11
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.11
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.11
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.11
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.11
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.11
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.11
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.12
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.12
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.12
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.12
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.12
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.12
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.12
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.12
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.12
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.12
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.13
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.13
2.50	0.32	0.16	0.09	5.10	0.72	0.52	0.13
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.13

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.13	7.80	1.27	1.05	0.20
5.25	0.74	0.55	0.13	7.85	1.28	1.07	0.20
5.30	0.75	0.55	0.13	7.90	1.30	1.08	0.21
5.35	0.76	0.56	0.13	7.95	1.31	1.09	0.21
5.40	0.77	0.57	0.13	8.00	1.32	1.11	0.21
5.45	0.78	0.58	0.13	8.05	1.34	1.12	0.21
5.50	0.79	0.59	0.13	8.10	1.35	1.13	0.21
5.55	0.80	0.59	0.13	8.15	1.36	1.15	0.22
5.60	0.80	0.60	0.13	8.20	1.38	1.16	0.22
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.22
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.22
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.22
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.22
5.85	0.85	0.64	0.14	8.45	1.45	1.23	0.23
5.90	0.86	0.65	0.14	8.50	1.46	1.24	0.23
5.95	0.87	0.66	0.14	8.55	1.48	1.26	0.23
6.00	0.87	0.67	0.14	8.60	1.49	1.27	0.23
6.05	0.88	0.68	0.14	8.65	1.51	1.29	0.23
6.10	0.89	0.69	0.14	8.70	1.52	1.30	0.24
6.15	0.90	0.70	0.14	8.75	1.54	1.32	0.24
6.20	0.91	0.71	0.14	8.80	1.55	1.33	0.24
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.24
6.30	0.93	0.72	0.15	8.90	1.58	1.36	0.24
6.35	0.94	0.73	0.15	8.95	1.60	1.38	0.24
6.40	0.95	0.74	0.15	9.00	1.61	1.39	0.25
6.45	0.96	0.75	0.15	9.05	1.63	1.41	0.25
6.50	0.97	0.76	0.15	9.10	1.64	1.42	0.25
6.55	0.98	0.77	0.16	9.15	1.66	1.44	0.26
6.60	0.99	0.78	0.16	9.20	1.68	1.46	0.26
6.65	1.00	0.79	0.16	9.25	1.70	1.47	0.27
6.70	1.01	0.80	0.16	9.30	1.72	1.49	0.28
6.75	1.02	0.81	0.16	9.35	1.73	1.51	0.28
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.29
6.85	1.04	0.83	0.17	9.45	1.77	1.55	0.30
6.90	1.05	0.84	0.17	9.50	1.79	1.57	0.30
6.95	1.07	0.85	0.17	9.55	1.81	1.59	0.31
7.00	1.08	0.87	0.17	9.60	1.83	1.61	0.32
7.05	1.09	0.88	0.17	9.65	1.85	1.63	0.32
7.10	1.10	0.89	0.18	9.70	1.88	1.65	0.33
7.15	1.11	0.90	0.18	9.75	1.90	1.67	0.34
7.20	1.12	0.91	0.18	9.80	1.92	1.69	0.34
7.25	1.13	0.92	0.18	9.85	1.94	1.72	0.35
7.30	1.15	0.93	0.18	9.90	1.97	1.74	0.36
7.35	1.16	0.94	0.19	9.95	1.99	1.76	0.37
7.40	1.17	0.96	0.19	10.00	2.01	1.79	0.37
7.45	1.18	0.97	0.19	10.05	2.04	1.81	0.38
7.50	1.19	0.98	0.19	10.10	2.06	1.84	0.39
7.55	1.21	0.99	0.19	10.15	2.09	1.86	0.39
7.60	1.22	1.00	0.20	10.20	2.11	1.89	0.40
7.65	1.23	1.02	0.20	10.25	2.14	1.91	0.41
7.70	1.24	1.03	0.20	10.30	2.17	1.94	0.41
7.75	1.26	1.04	0.20	10.35	2.19	1.97	0.42

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.43	13.00	8.39	8.15	0.92
10.45	2.25	2.02	0.43	13.05	8.43	8.19	0.87
10.50	2.28	2.05	0.44	13.10	8.48	8.24	0.82
10.55	2.31	2.08	0.45	13.15	8.52	8.28	0.77
10.60	2.34	2.11	0.46	13.20	8.56	8.32	0.73
10.65	2.37	2.14	0.48	13.25	8.60	8.36	0.70
10.70	2.41	2.18	0.51	13.30	8.63	8.39	0.67
10.75	2.44	2.21	0.53	13.35	8.67	8.43	0.64
10.80	2.48	2.25	0.56	13.40	8.70	8.46	0.62
10.85	2.52	2.29	0.58	13.45	8.73	8.49	0.59
10.90	2.56	2.33	0.61	13.50	8.76	8.52	0.56
10.95	2.61	2.38	0.63	13.55	8.79	8.55	0.54
11.00	2.65	2.42	0.66	13.60	8.82	8.58	0.51
11.05	2.70	2.47	0.69	13.65	8.85	8.61	0.49
11.10	2.75	2.52	0.72	13.70	8.87	8.63	0.47
11.15	2.80	2.57	0.76	13.75	8.90	8.66	0.46
11.20	2.86	2.63	0.81	13.80	8.93	8.69	0.45
11.25	2.92	2.69	0.86	13.85	8.95	8.71	0.44
11.30	2.98	2.75	0.90	13.90	8.98	8.74	0.43
11.35	3.05	2.82	0.95	13.95	9.00	8.76	0.42
11.40	3.12	2.89	1.00	14.00	9.03	8.79	0.42
11.45	3.19	2.96	1.05	14.05	9.05	8.81	0.41
11.50	3.26	3.03	1.09	14.10	9.07	8.83	0.40
11.55	3.37	3.14	1.15	14.15	9.10	8.86	0.40
11.60	3.49	3.25	1.31	14.20	9.12	8.88	0.39
11.65	3.60	3.37	1.52	14.25	9.14	8.90	0.38
11.70	3.72	3.49	1.70	14.30	9.16	8.92	0.38
11.75	3.88	3.65	1.83	14.35	9.19	8.95	0.37
11.80	4.04	3.81	2.03	14.40	9.21	8.97	0.36
11.85	4.27	4.03	2.32	14.45	9.23	8.99	0.36
11.90	4.49	4.25	2.71	14.50	9.25	9.01	0.35
11.95	4.88	4.64	3.22	14.55	9.27	9.03	0.34
12.00	5.26	5.02	4.03	14.60	9.29	9.05	0.34
12.05	5.91	5.67	5.13	14.65	9.31	9.07	0.33
12.10	6.55	6.31	6.66	14.70	9.32	9.08	0.32
12.15	6.77	6.53	8.10	14.75	9.34	9.10	0.32
12.20	7.00	6.76	7.87	14.80	9.36	9.12	0.31
12.25	7.16	6.92	6.23	14.85	9.38	9.14	0.30
12.30	7.32	7.08	4.70	14.90	9.40	9.15	0.30
12.35	7.44	7.20	3.68	14.95	9.41	9.17	0.29
12.40	7.55	7.31	2.98	15.00	9.43	9.19	0.28
12.45	7.67	7.43	2.49	15.05	9.44	9.20	0.27
12.50	7.78	7.54	2.17	15.10	9.46	9.22	0.27
12.55	7.85	7.61	1.98	15.15	9.47	9.23	0.26
12.60	7.92	7.68	1.75	15.20	9.49	9.25	0.26
12.65	7.99	7.75	1.50	15.25	9.50	9.26	0.25
12.70	8.06	7.82	1.32	15.30	9.52	9.28	0.25
12.75	8.12	7.88	1.21	15.35	9.53	9.29	0.25
12.80	8.18	7.94	1.13	15.40	9.55	9.31	0.25
12.85	8.24	8.00	1.07	15.45	9.56	9.32	0.24
12.90	8.29	8.05	1.02	15.50	9.58	9.34	0.24
12.95	8.34	8.10	0.97	15.55	9.59	9.35	0.24

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.24	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.24	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.24	18.30	10.22	9.98	0.14
15.75	9.65	9.41	0.23	18.35	10.23	9.99	0.14
15.80	9.66	9.42	0.23	18.40	10.24	9.99	0.14
15.85	9.68	9.44	0.23	18.45	10.24	10.00	0.14
15.90	9.69	9.45	0.23	18.50	10.25	10.01	0.14
15.95	9.70	9.46	0.23	18.55	10.26	10.02	0.14
16.00	9.72	9.48	0.22	18.60	10.27	10.03	0.14
16.05	9.73	9.49	0.22	18.65	10.28	10.04	0.14
16.10	9.74	9.50	0.22	18.70	10.29	10.05	0.14
16.15	9.76	9.52	0.22	18.75	10.30	10.05	0.14
16.20	9.77	9.53	0.22	18.80	10.30	10.06	0.14
16.25	9.78	9.54	0.22	18.85	10.31	10.07	0.14
16.30	9.80	9.55	0.21	18.90	10.32	10.08	0.14
16.35	9.81	9.57	0.21	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.21	19.00	10.34	10.10	0.14
16.45	9.83	9.59	0.21	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.21	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.20	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.20	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.20	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.20	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.20	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.20	19.40	10.40	10.16	0.13
16.85	9.93	9.69	0.19	19.45	10.41	10.17	0.13
16.90	9.94	9.70	0.19	19.50	10.42	10.18	0.13
16.95	9.95	9.71	0.19	19.55	10.43	10.19	0.13
17.00	9.96	9.72	0.19	19.60	10.44	10.20	0.13
17.05	9.97	9.73	0.19	19.65	10.44	10.20	0.13
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.13
17.15	10.00	9.76	0.18	19.75	10.46	10.22	0.13
17.20	10.01	9.77	0.18	19.80	10.47	10.23	0.13
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.13
17.30	10.03	9.79	0.18	19.90	10.48	10.24	0.13
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.13
17.40	10.05	9.81	0.17	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.17	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.17	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.17	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.17	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.16	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.16	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.12
17.95	10.16	9.92	0.15	20.55	10.58	10.34	0.12
18.00	10.17	9.92	0.15	20.60	10.59	10.35	0.12
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.12
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.12
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.12

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.12	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.12	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.12	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.12	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.12	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.09
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.09
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.08
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.11	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.11	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.11	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.11	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.11	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.11	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.11	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.11	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.11	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.11	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.10	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.10	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.10	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.10	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.10	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.10	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.10	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.10	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 22I: PDA-22 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 22P: PDA-22 (pervious)

Runoff = 13.75 cfs @ 12.17 hrs, Volume= 1.059 af, Depth= 7.72"
 Routed to Pond B-22 : Basin #22

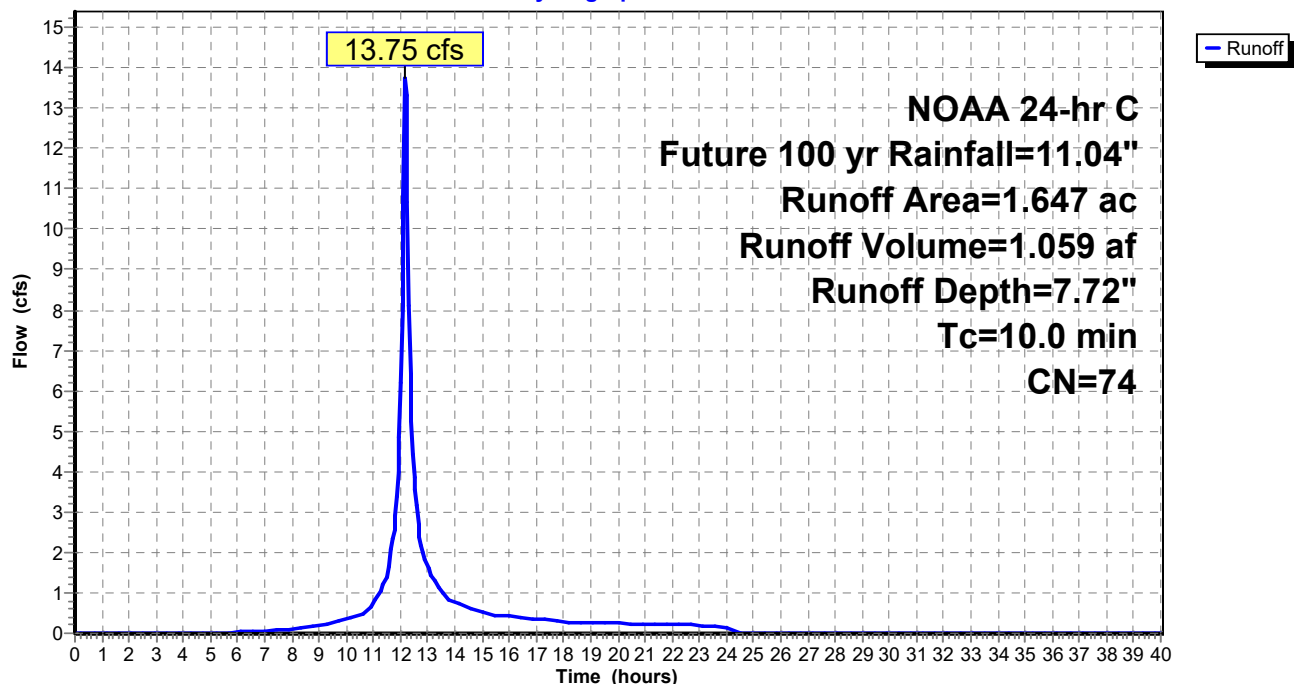
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.647	74	>75% Grass cover, Good, HSG C
1.647		100.00% Pervious Area

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

Subcatchment 22P: PDA-22 (pervious)

Hydrograph



Hydrograph for Subcatchment 22P: PDA-22 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.11
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.12
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.13
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.14
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.15
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.16
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.17
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.18
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.19
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.20
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.21
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.22
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.23
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.25
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.26
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.27
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.28
7.10	1.10	0.04	0.07	9.70	1.88	0.29	0.29
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.30
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.08	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.09	10.10	2.06	0.38	0.37
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.38
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.39
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.40
7.70	1.24	0.07	0.10	10.30	2.17	0.43	0.41
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.42

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.43	13.00	8.39	5.28	1.67
10.45	2.25	0.47	0.44	13.05	8.43	5.32	1.58
10.50	2.28	0.49	0.45	13.10	8.48	5.36	1.49
10.55	2.31	0.50	0.47	13.15	8.52	5.39	1.41
10.60	2.34	0.52	0.49	13.20	8.56	5.43	1.34
10.65	2.37	0.54	0.51	13.25	8.60	5.46	1.28
10.70	2.41	0.56	0.55	13.30	8.63	5.50	1.23
10.75	2.44	0.58	0.58	13.35	8.67	5.53	1.18
10.80	2.48	0.60	0.61	13.40	8.70	5.56	1.13
10.85	2.52	0.62	0.65	13.45	8.73	5.59	1.08
10.90	2.56	0.64	0.68	13.50	8.76	5.61	1.04
10.95	2.61	0.67	0.72	13.55	8.79	5.64	0.99
11.00	2.65	0.69	0.76	13.60	8.82	5.67	0.94
11.05	2.70	0.72	0.80	13.65	8.85	5.69	0.90
11.10	2.75	0.75	0.85	13.70	8.87	5.71	0.86
11.15	2.80	0.79	0.91	13.75	8.90	5.74	0.84
11.20	2.86	0.82	0.98	13.80	8.93	5.76	0.82
11.25	2.92	0.86	1.05	13.85	8.95	5.79	0.81
11.30	2.98	0.90	1.12	13.90	8.98	5.81	0.79
11.35	3.05	0.94	1.19	13.95	9.00	5.83	0.78
11.40	3.12	0.98	1.27	14.00	9.03	5.85	0.77
11.45	3.19	1.03	1.35	14.05	9.05	5.88	0.76
11.50	3.26	1.08	1.42	14.10	9.07	5.90	0.75
11.55	3.37	1.15	1.52	14.15	9.10	5.92	0.73
11.60	3.49	1.23	1.75	14.20	9.12	5.94	0.72
11.65	3.60	1.31	2.07	14.25	9.14	5.96	0.71
11.70	3.72	1.39	2.35	14.30	9.16	5.98	0.70
11.75	3.88	1.51	2.57	14.35	9.19	6.00	0.68
11.80	4.04	1.63	2.90	14.40	9.21	6.02	0.67
11.85	4.27	1.79	3.36	14.45	9.23	6.04	0.66
11.90	4.49	1.96	4.00	14.50	9.25	6.06	0.65
11.95	4.88	2.27	4.85	14.55	9.27	6.07	0.63
12.00	5.26	2.57	6.21	14.60	9.29	6.09	0.62
12.05	5.91	3.11	8.11	14.65	9.31	6.11	0.61
12.10	6.55	3.65	10.81	14.70	9.32	6.13	0.60
12.15	6.77	3.85	13.47	14.75	9.34	6.14	0.58
12.20	7.00	4.04	13.31	14.80	9.36	6.16	0.57
12.25	7.16	4.18	10.68	14.85	9.38	6.17	0.56
12.30	7.32	4.32	8.13	14.90	9.40	6.19	0.55
12.35	7.44	4.43	6.44	14.95	9.41	6.21	0.54
12.40	7.55	4.53	5.26	15.00	9.43	6.22	0.52
12.45	7.67	4.63	4.41	15.05	9.44	6.23	0.51
12.50	7.78	4.73	3.88	15.10	9.46	6.25	0.50
12.55	7.85	4.79	3.54	15.15	9.47	6.26	0.49
12.60	7.92	4.86	3.15	15.20	9.49	6.28	0.48
12.65	7.99	4.92	2.71	15.25	9.50	6.29	0.47
12.70	8.06	4.98	2.38	15.30	9.52	6.30	0.47
12.75	8.12	5.03	2.19	15.35	9.53	6.32	0.46
12.80	8.18	5.09	2.05	15.40	9.55	6.33	0.46
12.85	8.24	5.14	1.95	15.45	9.56	6.34	0.46
12.90	8.29	5.19	1.85	15.50	9.58	6.36	0.45
12.95	8.34	5.23	1.76	15.55	9.59	6.37	0.45

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.45	18.20	10.20	6.93	0.28
15.65	9.62	6.40	0.44	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.44	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.44	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.43	18.40	10.24	6.97	0.27
15.85	9.68	6.45	0.43	18.45	10.24	6.97	0.27
15.90	9.69	6.46	0.43	18.50	10.25	6.98	0.27
15.95	9.70	6.47	0.42	18.55	10.26	6.99	0.27
16.00	9.72	6.49	0.42	18.60	10.27	7.00	0.27
16.05	9.73	6.50	0.42	18.65	10.28	7.01	0.27
16.10	9.74	6.51	0.41	18.70	10.29	7.01	0.27
16.15	9.76	6.52	0.41	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.41	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.40	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.40	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.39	19.05	10.35	7.07	0.26
16.50	9.85	6.60	0.39	19.10	10.35	7.08	0.26
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.26
16.60	9.87	6.63	0.38	19.20	10.37	7.09	0.26
16.65	9.88	6.64	0.38	19.25	10.38	7.10	0.26
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.26
16.75	9.91	6.66	0.37	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.37	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.36	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.36	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.35	19.65	10.44	7.16	0.25
17.10	9.99	6.73	0.35	19.70	10.45	7.17	0.25
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.25
17.20	10.01	6.75	0.34	19.80	10.47	7.18	0.25
17.25	10.02	6.76	0.34	19.85	10.48	7.19	0.25
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.25
17.35	10.04	6.78	0.33	19.95	10.49	7.20	0.25
17.40	10.05	6.79	0.33	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.32	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.32	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.31	20.25	10.54	7.25	0.24
17.70	10.11	6.85	0.31	20.30	10.55	7.25	0.24
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.24
17.80	10.13	6.87	0.30	20.40	10.56	7.27	0.24
17.85	10.14	6.87	0.30	20.45	10.57	7.28	0.24
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.24
17.95	10.16	6.89	0.29	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.29	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.28	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.19
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.19
20.90	10.64	7.34	0.23	23.50	10.98	7.66	0.19
20.95	10.64	7.34	0.23	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.23	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.23	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.23	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.18
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.19
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.22	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.22	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.22	24.20	11.04	7.72	0.05
21.65	10.74	7.44	0.22	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.22	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.21	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.21	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.21	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.21	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.21	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.21	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.20	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.20	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.20	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.20	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.19	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 22P: PDA-22 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 23I: PDA-23 (impervious)

Runoff = 8.30 cfs @ 12.17 hrs, Volume= 0.740 af, Depth=10.80"
 Routed to Pond B-23 : Basin #23

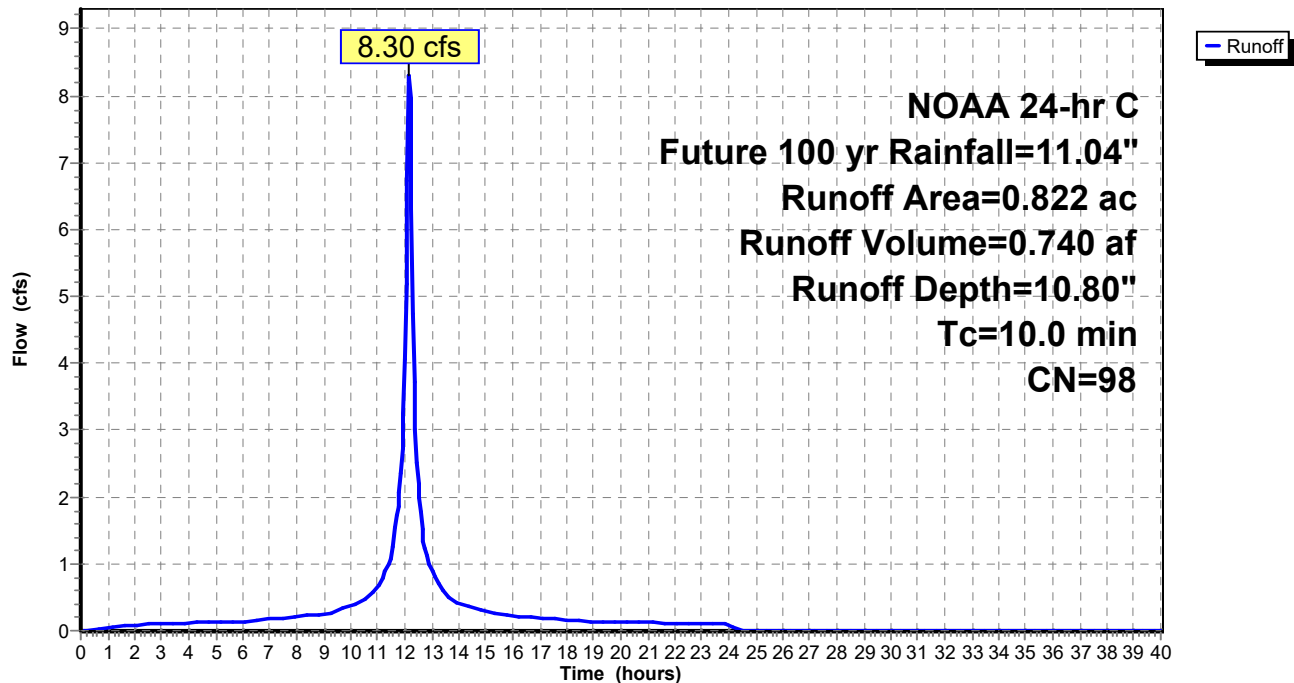
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.719	98	Pavement, HSG C
* 0.103	98	Concrete, HSG C
0.000	98	Roofs, HSG C
0.822	98	Weighted Average
0.822		100.00% Impervious Area

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

Subcatchment 23I: PDA-23 (impervious)

Hydrograph



Hydrograph for Subcatchment 23I: PDA-23 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.10
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.10
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.10
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.11
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.11
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.11
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.11
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.11
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.11
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.12
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.12
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.12
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.12
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.12
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.12
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.12
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.12
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.13
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.13
2.50	0.32	0.16	0.09	5.10	0.72	0.52	0.13
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.13

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.13	7.80	1.27	1.05	0.20
5.25	0.74	0.55	0.13	7.85	1.28	1.07	0.21
5.30	0.75	0.55	0.13	7.90	1.30	1.08	0.21
5.35	0.76	0.56	0.13	7.95	1.31	1.09	0.21
5.40	0.77	0.57	0.13	8.00	1.32	1.11	0.21
5.45	0.78	0.58	0.13	8.05	1.34	1.12	0.21
5.50	0.79	0.59	0.13	8.10	1.35	1.13	0.22
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.22
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.22
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.22
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.22
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.22
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.23
5.85	0.85	0.64	0.14	8.45	1.45	1.23	0.23
5.90	0.86	0.65	0.14	8.50	1.46	1.24	0.23
5.95	0.87	0.66	0.14	8.55	1.48	1.26	0.23
6.00	0.87	0.67	0.14	8.60	1.49	1.27	0.23
6.05	0.88	0.68	0.14	8.65	1.51	1.29	0.24
6.10	0.89	0.69	0.14	8.70	1.52	1.30	0.24
6.15	0.90	0.70	0.14	8.75	1.54	1.32	0.24
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.24
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.24
6.30	0.93	0.72	0.15	8.90	1.58	1.36	0.25
6.35	0.94	0.73	0.15	8.95	1.60	1.38	0.25
6.40	0.95	0.74	0.15	9.00	1.61	1.39	0.25
6.45	0.96	0.75	0.15	9.05	1.63	1.41	0.25
6.50	0.97	0.76	0.16	9.10	1.64	1.42	0.26
6.55	0.98	0.77	0.16	9.15	1.66	1.44	0.26
6.60	0.99	0.78	0.16	9.20	1.68	1.46	0.27
6.65	1.00	0.79	0.16	9.25	1.70	1.47	0.27
6.70	1.01	0.80	0.16	9.30	1.72	1.49	0.28
6.75	1.02	0.81	0.17	9.35	1.73	1.51	0.29
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.29
6.85	1.04	0.83	0.17	9.45	1.77	1.55	0.30
6.90	1.05	0.84	0.17	9.50	1.79	1.57	0.31
6.95	1.07	0.85	0.17	9.55	1.81	1.59	0.31
7.00	1.08	0.87	0.17	9.60	1.83	1.61	0.32
7.05	1.09	0.88	0.18	9.65	1.85	1.63	0.33
7.10	1.10	0.89	0.18	9.70	1.88	1.65	0.33
7.15	1.11	0.90	0.18	9.75	1.90	1.67	0.34
7.20	1.12	0.91	0.18	9.80	1.92	1.69	0.35
7.25	1.13	0.92	0.18	9.85	1.94	1.72	0.35
7.30	1.15	0.93	0.19	9.90	1.97	1.74	0.36
7.35	1.16	0.94	0.19	9.95	1.99	1.76	0.37
7.40	1.17	0.96	0.19	10.00	2.01	1.79	0.38
7.45	1.18	0.97	0.19	10.05	2.04	1.81	0.38
7.50	1.19	0.98	0.19	10.10	2.06	1.84	0.39
7.55	1.21	0.99	0.20	10.15	2.09	1.86	0.40
7.60	1.22	1.00	0.20	10.20	2.11	1.89	0.40
7.65	1.23	1.02	0.20	10.25	2.14	1.91	0.41
7.70	1.24	1.03	0.20	10.30	2.17	1.94	0.42
7.75	1.26	1.04	0.20	10.35	2.19	1.97	0.42

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.43	13.00	8.39	8.15	0.93
10.45	2.25	2.02	0.44	13.05	8.43	8.19	0.88
10.50	2.28	2.05	0.44	13.10	8.48	8.24	0.83
10.55	2.31	2.08	0.45	13.15	8.52	8.28	0.78
10.60	2.34	2.11	0.47	13.20	8.56	8.32	0.74
10.65	2.37	2.14	0.49	13.25	8.60	8.36	0.71
10.70	2.41	2.18	0.51	13.30	8.63	8.39	0.68
10.75	2.44	2.21	0.54	13.35	8.67	8.43	0.65
10.80	2.48	2.25	0.56	13.40	8.70	8.46	0.62
10.85	2.52	2.29	0.59	13.45	8.73	8.49	0.60
10.90	2.56	2.33	0.61	13.50	8.76	8.52	0.57
10.95	2.61	2.38	0.64	13.55	8.79	8.55	0.54
11.00	2.65	2.42	0.67	13.60	8.82	8.58	0.52
11.05	2.70	2.47	0.69	13.65	8.85	8.61	0.49
11.10	2.75	2.52	0.73	13.70	8.87	8.63	0.47
11.15	2.80	2.57	0.77	13.75	8.90	8.66	0.46
11.20	2.86	2.63	0.82	13.80	8.93	8.69	0.45
11.25	2.92	2.69	0.87	13.85	8.95	8.71	0.44
11.30	2.98	2.75	0.91	13.90	8.98	8.74	0.44
11.35	3.05	2.82	0.96	13.95	9.00	8.76	0.43
11.40	3.12	2.89	1.01	14.00	9.03	8.79	0.42
11.45	3.19	2.96	1.06	14.05	9.05	8.81	0.41
11.50	3.26	3.03	1.10	14.10	9.07	8.83	0.41
11.55	3.37	3.14	1.17	14.15	9.10	8.86	0.40
11.60	3.49	3.25	1.32	14.20	9.12	8.88	0.39
11.65	3.60	3.37	1.54	14.25	9.14	8.90	0.39
11.70	3.72	3.49	1.72	14.30	9.16	8.92	0.38
11.75	3.88	3.65	1.85	14.35	9.19	8.95	0.37
11.80	4.04	3.81	2.06	14.40	9.21	8.97	0.37
11.85	4.27	4.03	2.34	14.45	9.23	8.99	0.36
11.90	4.49	4.25	2.74	14.50	9.25	9.01	0.35
11.95	4.88	4.64	3.25	14.55	9.27	9.03	0.35
12.00	5.26	5.02	4.07	14.60	9.29	9.05	0.34
12.05	5.91	5.67	5.18	14.65	9.31	9.07	0.33
12.10	6.55	6.31	6.73	14.70	9.32	9.08	0.33
12.15	6.77	6.53	8.19	14.75	9.34	9.10	0.32
12.20	7.00	6.76	7.96	14.80	9.36	9.12	0.31
12.25	7.16	6.92	6.30	14.85	9.38	9.14	0.31
12.30	7.32	7.08	4.75	14.90	9.40	9.15	0.30
12.35	7.44	7.20	3.72	14.95	9.41	9.17	0.29
12.40	7.55	7.31	3.02	15.00	9.43	9.19	0.28
12.45	7.67	7.43	2.52	15.05	9.44	9.20	0.28
12.50	7.78	7.54	2.20	15.10	9.46	9.22	0.27
12.55	7.85	7.61	2.00	15.15	9.47	9.23	0.26
12.60	7.92	7.68	1.77	15.20	9.49	9.25	0.26
12.65	7.99	7.75	1.52	15.25	9.50	9.26	0.26
12.70	8.06	7.82	1.33	15.30	9.52	9.28	0.25
12.75	8.12	7.88	1.22	15.35	9.53	9.29	0.25
12.80	8.18	7.94	1.15	15.40	9.55	9.31	0.25
12.85	8.24	8.00	1.08	15.45	9.56	9.32	0.25
12.90	8.29	8.05	1.03	15.50	9.58	9.34	0.25
12.95	8.34	8.10	0.98	15.55	9.59	9.35	0.24

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.24	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.24	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.24	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.24	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.23	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.23	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.23	18.50	10.25	10.01	0.14
15.95	9.70	9.46	0.23	18.55	10.26	10.02	0.14
16.00	9.72	9.48	0.23	18.60	10.27	10.03	0.14
16.05	9.73	9.49	0.23	18.65	10.28	10.04	0.14
16.10	9.74	9.50	0.22	18.70	10.29	10.05	0.14
16.15	9.76	9.52	0.22	18.75	10.30	10.05	0.14
16.20	9.77	9.53	0.22	18.80	10.30	10.06	0.14
16.25	9.78	9.54	0.22	18.85	10.31	10.07	0.14
16.30	9.80	9.55	0.22	18.90	10.32	10.08	0.14
16.35	9.81	9.57	0.21	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.21	19.00	10.34	10.10	0.14
16.45	9.83	9.59	0.21	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.21	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.21	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.20	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.20	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.20	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.20	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.20	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.19	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.19	19.55	10.43	10.19	0.13
17.00	9.96	9.72	0.19	19.60	10.44	10.20	0.13
17.05	9.97	9.73	0.19	19.65	10.44	10.20	0.13
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.13
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.13
17.20	10.01	9.77	0.18	19.80	10.47	10.23	0.13
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.13
17.30	10.03	9.79	0.18	19.90	10.48	10.24	0.13
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.13
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.17	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.17	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.17	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.17	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.16	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.15	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.12
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.12

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.12	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.12	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.12	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.12	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.12	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.08
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.11	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.11	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.11	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.11	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.11	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.11	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.11	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.10	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.10	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.10	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.10	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.10	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.10	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 23I: PDA-23 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 23P: PDA-23 (pervious)

Runoff = 13.58 cfs @ 12.17 hrs, Volume= 1.046 af, Depth= 7.72"
 Routed to Pond B-23 : Basin #23

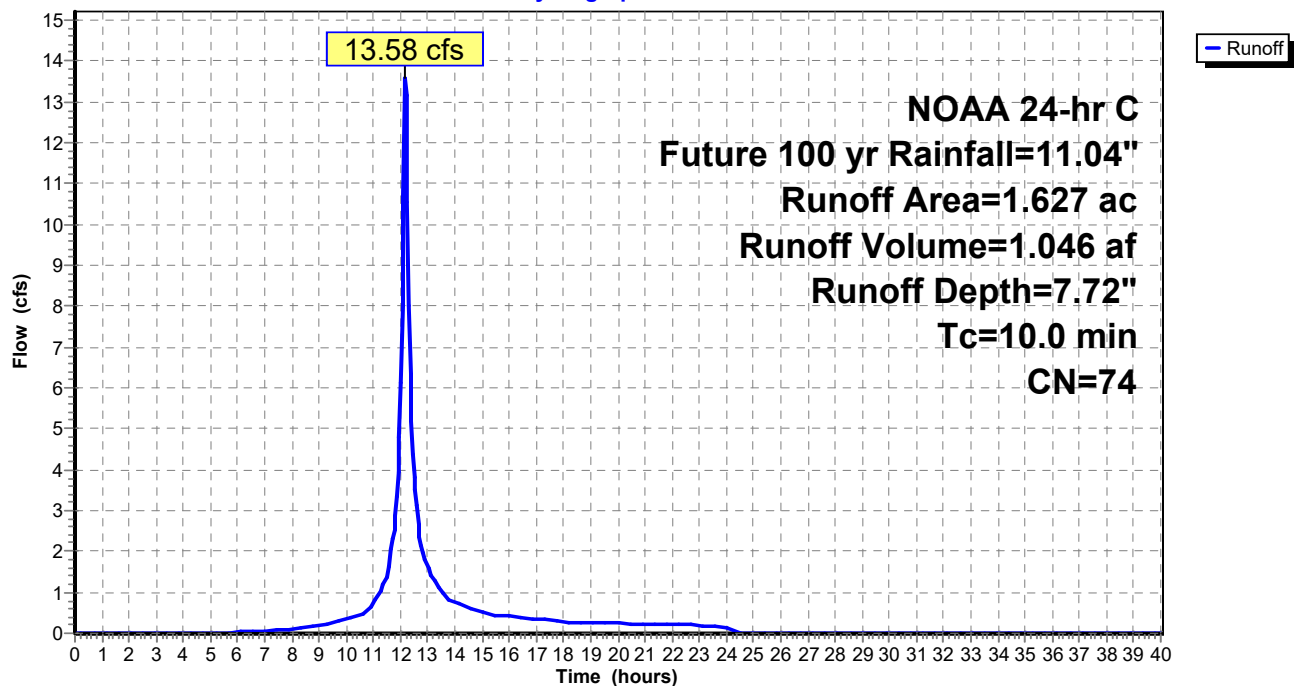
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.627	74	>75% Grass cover, Good, HSG C
1.627		100.00% Pervious Area

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

Subcatchment 23P: PDA-23 (pervious)

Hydrograph



Hydrograph for Subcatchment 23P: PDA-23 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.12
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.16
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.17
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.19
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.21
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.21
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.22
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.25
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.26
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.26
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.27
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.28
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.29
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.36
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.37
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.38
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.39
7.70	1.24	0.07	0.10	10.30	2.17	0.43	0.40
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.42

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.43	13.00	8.39	5.28	1.65
10.45	2.25	0.47	0.44	13.05	8.43	5.32	1.56
10.50	2.28	0.49	0.45	13.10	8.48	5.36	1.48
10.55	2.31	0.50	0.46	13.15	8.52	5.39	1.39
10.60	2.34	0.52	0.48	13.20	8.56	5.43	1.32
10.65	2.37	0.54	0.51	13.25	8.60	5.46	1.26
10.70	2.41	0.56	0.54	13.30	8.63	5.50	1.21
10.75	2.44	0.58	0.57	13.35	8.67	5.53	1.16
10.80	2.48	0.60	0.61	13.40	8.70	5.56	1.12
10.85	2.52	0.62	0.64	13.45	8.73	5.59	1.07
10.90	2.56	0.64	0.68	13.50	8.76	5.61	1.02
10.95	2.61	0.67	0.71	13.55	8.79	5.64	0.98
11.00	2.65	0.69	0.75	13.60	8.82	5.67	0.93
11.05	2.70	0.72	0.79	13.65	8.85	5.69	0.89
11.10	2.75	0.75	0.84	13.70	8.87	5.71	0.85
11.15	2.80	0.79	0.90	13.75	8.90	5.74	0.83
11.20	2.86	0.82	0.97	13.80	8.93	5.76	0.81
11.25	2.92	0.86	1.03	13.85	8.95	5.79	0.80
11.30	2.98	0.90	1.11	13.90	8.98	5.81	0.79
11.35	3.05	0.94	1.18	13.95	9.00	5.83	0.77
11.40	3.12	0.98	1.26	14.00	9.03	5.85	0.76
11.45	3.19	1.03	1.33	14.05	9.05	5.88	0.75
11.50	3.26	1.08	1.41	14.10	9.07	5.90	0.74
11.55	3.37	1.15	1.51	14.15	9.10	5.92	0.72
11.60	3.49	1.23	1.73	14.20	9.12	5.94	0.71
11.65	3.60	1.31	2.05	14.25	9.14	5.96	0.70
11.70	3.72	1.39	2.32	14.30	9.16	5.98	0.69
11.75	3.88	1.51	2.54	14.35	9.19	6.00	0.68
11.80	4.04	1.63	2.87	14.40	9.21	6.02	0.66
11.85	4.27	1.79	3.32	14.45	9.23	6.04	0.65
11.90	4.49	1.96	3.95	14.50	9.25	6.06	0.64
11.95	4.88	2.27	4.79	14.55	9.27	6.07	0.63
12.00	5.26	2.57	6.14	14.60	9.29	6.09	0.61
12.05	5.91	3.11	8.01	14.65	9.31	6.11	0.60
12.10	6.55	3.65	10.68	14.70	9.32	6.13	0.59
12.15	6.77	3.85	13.31	14.75	9.34	6.14	0.58
12.20	7.00	4.04	13.15	14.80	9.36	6.16	0.57
12.25	7.16	4.18	10.55	14.85	9.38	6.17	0.55
12.30	7.32	4.32	8.03	14.90	9.40	6.19	0.54
12.35	7.44	4.43	6.36	14.95	9.41	6.21	0.53
12.40	7.55	4.53	5.19	15.00	9.43	6.22	0.52
12.45	7.67	4.63	4.36	15.05	9.44	6.23	0.50
12.50	7.78	4.73	3.83	15.10	9.46	6.25	0.49
12.55	7.85	4.79	3.49	15.15	9.47	6.26	0.48
12.60	7.92	4.86	3.11	15.20	9.49	6.28	0.47
12.65	7.99	4.92	2.67	15.25	9.50	6.29	0.47
12.70	8.06	4.98	2.35	15.30	9.52	6.30	0.46
12.75	8.12	5.03	2.16	15.35	9.53	6.32	0.46
12.80	8.18	5.09	2.03	15.40	9.55	6.33	0.45
12.85	8.24	5.14	1.92	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.83	15.50	9.58	6.36	0.45
12.95	8.34	5.23	1.74	15.55	9.59	6.37	0.44

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.44	18.20	10.20	6.93	0.27
15.65	9.62	6.40	0.44	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.43	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.43	18.40	10.24	6.97	0.27
15.85	9.68	6.45	0.42	18.45	10.24	6.97	0.27
15.90	9.69	6.46	0.42	18.50	10.25	6.98	0.27
15.95	9.70	6.47	0.42	18.55	10.26	6.99	0.26
16.00	9.72	6.49	0.41	18.60	10.27	7.00	0.26
16.05	9.73	6.50	0.41	18.65	10.28	7.01	0.26
16.10	9.74	6.51	0.41	18.70	10.29	7.01	0.26
16.15	9.76	6.52	0.41	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.40	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.40	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.39	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.39	19.05	10.35	7.07	0.26
16.50	9.85	6.60	0.38	19.10	10.35	7.08	0.26
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.25
16.60	9.87	6.63	0.38	19.20	10.37	7.09	0.25
16.65	9.88	6.64	0.37	19.25	10.38	7.10	0.25
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.25
16.75	9.91	6.66	0.37	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.36	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.36	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.35	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.35	19.65	10.44	7.16	0.25
17.10	9.99	6.73	0.34	19.70	10.45	7.17	0.25
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.25
17.20	10.01	6.75	0.34	19.80	10.47	7.18	0.24
17.25	10.02	6.76	0.33	19.85	10.48	7.19	0.24
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.24
17.35	10.04	6.78	0.33	19.95	10.49	7.20	0.24
17.40	10.05	6.79	0.32	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.32	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.31	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.31	20.25	10.54	7.25	0.24
17.70	10.11	6.85	0.30	20.30	10.55	7.25	0.24
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.24
17.80	10.13	6.87	0.30	20.40	10.56	7.27	0.23
17.85	10.14	6.87	0.29	20.45	10.57	7.28	0.23
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.23
17.95	10.16	6.89	0.29	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.28	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.27	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.19
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.18
20.90	10.64	7.34	0.23	23.50	10.98	7.66	0.18
20.95	10.64	7.34	0.23	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.22	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.22	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.22	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.18
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.19
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.22	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.22	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.21	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.21	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.21	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.21	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.21	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.21	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.20	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.20	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.20	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.20	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.19	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.19	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.19	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.19	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 23P: PDA-23 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 24I: PDA-24 (impervious)

Runoff = 9.11 cfs @ 12.17 hrs, Volume= 0.812 af, Depth=10.80"
 Routed to Pond B-24 : Basin #24

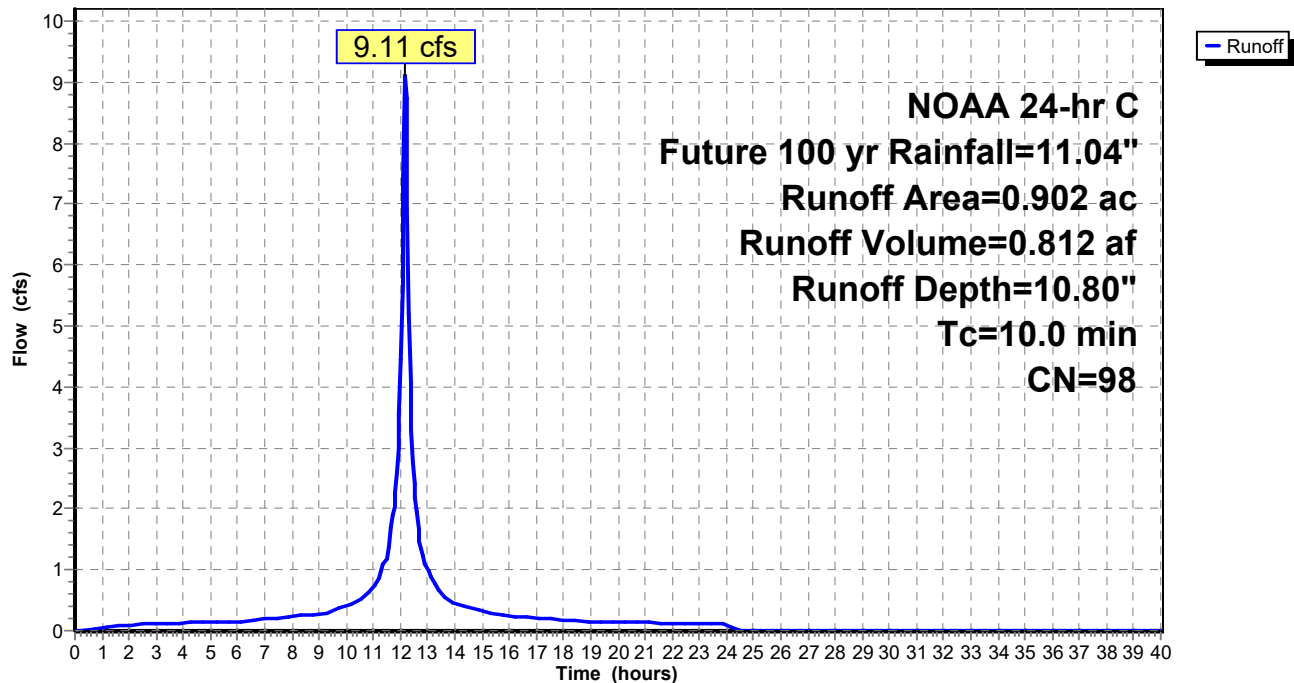
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.277	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.046	98	Concrete, HSC C
0.902	98	Weighted Average
0.902		100.00% Impervious Area

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

Subcatchment 24I: PDA-24 (impervious)

Hydrograph



Hydrograph for Subcatchment 24I: PDA-24 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.14
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.14
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.22
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.23
5.30	0.75	0.55	0.15	7.90	1.30	1.08	0.23
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.23
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.23
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.23
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.24
5.55	0.80	0.59	0.15	8.15	1.36	1.15	0.24
5.60	0.80	0.60	0.15	8.20	1.38	1.16	0.24
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.24
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.24
5.75	0.83	0.63	0.15	8.35	1.42	1.20	0.25
5.80	0.84	0.64	0.15	8.40	1.43	1.21	0.25
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.25
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.25
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.26
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.26
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.26
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.26
6.15	0.90	0.70	0.16	8.75	1.54	1.32	0.26
6.20	0.91	0.71	0.16	8.80	1.55	1.33	0.27
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.27
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.27
6.35	0.94	0.73	0.17	8.95	1.60	1.38	0.27
6.40	0.95	0.74	0.17	9.00	1.61	1.39	0.27
6.45	0.96	0.75	0.17	9.05	1.63	1.41	0.28
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.28
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.29
6.60	0.99	0.78	0.18	9.20	1.68	1.46	0.29
6.65	1.00	0.79	0.18	9.25	1.70	1.47	0.30
6.70	1.01	0.80	0.18	9.30	1.72	1.49	0.31
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.31
6.80	1.03	0.82	0.18	9.40	1.75	1.53	0.32
6.85	1.04	0.83	0.19	9.45	1.77	1.55	0.33
6.90	1.05	0.84	0.19	9.50	1.79	1.57	0.34
6.95	1.07	0.85	0.19	9.55	1.81	1.59	0.34
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.35
7.05	1.09	0.88	0.19	9.65	1.85	1.63	0.36
7.10	1.10	0.89	0.20	9.70	1.88	1.65	0.37
7.15	1.11	0.90	0.20	9.75	1.90	1.67	0.37
7.20	1.12	0.91	0.20	9.80	1.92	1.69	0.38
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.39
7.30	1.15	0.93	0.20	9.90	1.97	1.74	0.40
7.35	1.16	0.94	0.21	9.95	1.99	1.76	0.41
7.40	1.17	0.96	0.21	10.00	2.01	1.79	0.41
7.45	1.18	0.97	0.21	10.05	2.04	1.81	0.42
7.50	1.19	0.98	0.21	10.10	2.06	1.84	0.43
7.55	1.21	0.99	0.21	10.15	2.09	1.86	0.43
7.60	1.22	1.00	0.22	10.20	2.11	1.89	0.44
7.65	1.23	1.02	0.22	10.25	2.14	1.91	0.45
7.70	1.24	1.03	0.22	10.30	2.17	1.94	0.46
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.47

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.47	13.00	8.39	8.15	1.02
10.45	2.25	2.02	0.48	13.05	8.43	8.19	0.96
10.50	2.28	2.05	0.49	13.10	8.48	8.24	0.91
10.55	2.31	2.08	0.50	13.15	8.52	8.28	0.86
10.60	2.34	2.11	0.51	13.20	8.56	8.32	0.81
10.65	2.37	2.14	0.54	13.25	8.60	8.36	0.78
10.70	2.41	2.18	0.56	13.30	8.63	8.39	0.74
10.75	2.44	2.21	0.59	13.35	8.67	8.43	0.71
10.80	2.48	2.25	0.62	13.40	8.70	8.46	0.68
10.85	2.52	2.29	0.64	13.45	8.73	8.49	0.65
10.90	2.56	2.33	0.67	13.50	8.76	8.52	0.63
10.95	2.61	2.38	0.70	13.55	8.79	8.55	0.60
11.00	2.65	2.42	0.73	13.60	8.82	8.58	0.57
11.05	2.70	2.47	0.76	13.65	8.85	8.61	0.54
11.10	2.75	2.52	0.80	13.70	8.87	8.63	0.52
11.15	2.80	2.57	0.85	13.75	8.90	8.66	0.51
11.20	2.86	2.63	0.90	13.80	8.93	8.69	0.50
11.25	2.92	2.69	0.95	13.85	8.95	8.71	0.49
11.30	2.98	2.75	1.00	13.90	8.98	8.74	0.48
11.35	3.05	2.82	1.06	13.95	9.00	8.76	0.47
11.40	3.12	2.89	1.11	14.00	9.03	8.79	0.46
11.45	3.19	2.96	1.16	14.05	9.05	8.81	0.46
11.50	3.26	3.03	1.21	14.10	9.07	8.83	0.45
11.55	3.37	3.14	1.28	14.15	9.10	8.86	0.44
11.60	3.49	3.25	1.45	14.20	9.12	8.88	0.43
11.65	3.60	3.37	1.69	14.25	9.14	8.90	0.43
11.70	3.72	3.49	1.89	14.30	9.16	8.92	0.42
11.75	3.88	3.65	2.03	14.35	9.19	8.95	0.41
11.80	4.04	3.81	2.26	14.40	9.21	8.97	0.40
11.85	4.27	4.03	2.57	14.45	9.23	8.99	0.39
11.90	4.49	4.25	3.00	14.50	9.25	9.01	0.39
11.95	4.88	4.64	3.57	14.55	9.27	9.03	0.38
12.00	5.26	5.02	4.47	14.60	9.29	9.05	0.37
12.05	5.91	5.67	5.69	14.65	9.31	9.07	0.36
12.10	6.55	6.31	7.39	14.70	9.32	9.08	0.36
12.15	6.77	6.53	8.99	14.75	9.34	9.10	0.35
12.20	7.00	6.76	8.73	14.80	9.36	9.12	0.34
12.25	7.16	6.92	6.92	14.85	9.38	9.14	0.34
12.30	7.32	7.08	5.21	14.90	9.40	9.15	0.33
12.35	7.44	7.20	4.09	14.95	9.41	9.17	0.32
12.40	7.55	7.31	3.31	15.00	9.43	9.19	0.31
12.45	7.67	7.43	2.76	15.05	9.44	9.20	0.30
12.50	7.78	7.54	2.41	15.10	9.46	9.22	0.30
12.55	7.85	7.61	2.19	15.15	9.47	9.23	0.29
12.60	7.92	7.68	1.94	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.67	15.25	9.50	9.26	0.28
12.70	8.06	7.82	1.46	15.30	9.52	9.28	0.28
12.75	8.12	7.88	1.34	15.35	9.53	9.29	0.28
12.80	8.18	7.94	1.26	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.19	15.45	9.56	9.32	0.27
12.90	8.29	8.05	1.13	15.50	9.58	9.34	0.27
12.95	8.34	8.10	1.07	15.55	9.59	9.35	0.27

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.27	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.26	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.26	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.26	18.40	10.24	9.99	0.16
15.85	9.68	9.44	0.26	18.45	10.24	10.00	0.16
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.16
15.95	9.70	9.46	0.25	18.55	10.26	10.02	0.16
16.00	9.72	9.48	0.25	18.60	10.27	10.03	0.16
16.05	9.73	9.49	0.25	18.65	10.28	10.04	0.16
16.10	9.74	9.50	0.25	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.16
16.20	9.77	9.53	0.24	18.80	10.30	10.06	0.16
16.25	9.78	9.54	0.24	18.85	10.31	10.07	0.16
16.30	9.80	9.55	0.24	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.24	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.23	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.23	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.23	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.23	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.22	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.22	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.22	19.40	10.40	10.16	0.15
16.85	9.93	9.69	0.22	19.45	10.41	10.17	0.15
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.15
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.21	19.60	10.44	10.20	0.15
17.05	9.97	9.73	0.21	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.21	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.15
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.15
17.25	10.02	9.78	0.20	19.85	10.48	10.24	0.15
17.30	10.03	9.79	0.20	19.90	10.48	10.24	0.15
17.35	10.04	9.80	0.20	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.19	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.19	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.19	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.18	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.18	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.18	20.45	10.57	10.33	0.14
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.14
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.17	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.17	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.17	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.14

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.14	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.14	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.11
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.11
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.06
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.13	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.13	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.13	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.13	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.12	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.12	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.12	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 24I: PDA-24 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 24P: PDA-24 (pervious)

Runoff = 12.57 cfs @ 12.17 hrs, Volume= 0.968 af, Depth= 7.72"
 Routed to Pond B-24 : Basin #24

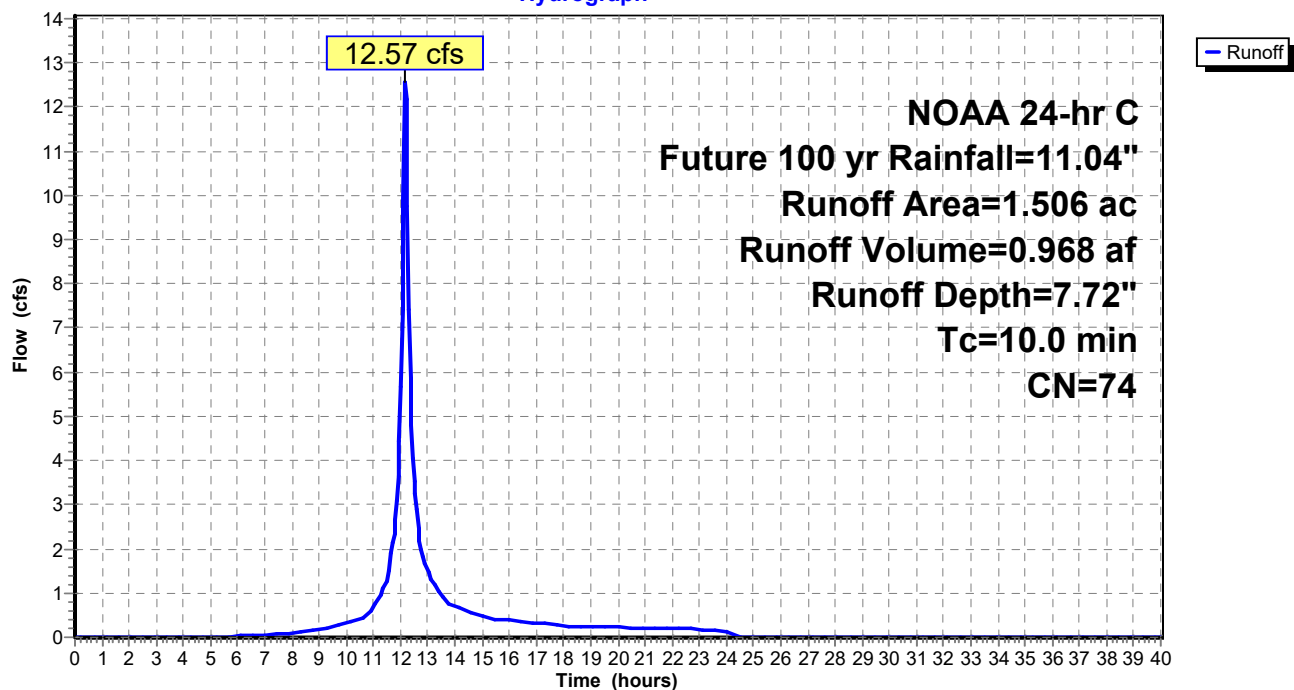
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.506	74	>75% Grass cover, Good, HSG C
1.506		100.00% Pervious Area

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

Subcatchment 24P: PDA-24 (pervious)

Hydrograph



Hydrograph for Subcatchment 24P: PDA-24 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.10
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.11
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.11
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.12
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.12
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.13
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.13
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.13
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.14
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.14
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.14
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.15
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.15
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.15
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.15
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.16
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.16
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.16
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.17
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.17
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.18
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.20
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.21
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.21
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.22
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.23
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.24
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.25
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.25
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.26
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.27
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.28
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.29
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.30
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.31
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.32
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.32
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.33
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.34
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.35
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.36
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.37
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.38

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.39	13.00	8.39	5.28	1.53
10.45	2.25	0.47	0.40	13.05	8.43	5.32	1.45
10.50	2.28	0.49	0.42	13.10	8.48	5.36	1.37
10.55	2.31	0.50	0.43	13.15	8.52	5.39	1.29
10.60	2.34	0.52	0.45	13.20	8.56	5.43	1.22
10.65	2.37	0.54	0.47	13.25	8.60	5.46	1.17
10.70	2.41	0.56	0.50	13.30	8.63	5.50	1.12
10.75	2.44	0.58	0.53	13.35	8.67	5.53	1.08
10.80	2.48	0.60	0.56	13.40	8.70	5.56	1.03
10.85	2.52	0.62	0.59	13.45	8.73	5.59	0.99
10.90	2.56	0.64	0.63	13.50	8.76	5.61	0.95
10.95	2.61	0.67	0.66	13.55	8.79	5.64	0.90
11.00	2.65	0.69	0.70	13.60	8.82	5.67	0.86
11.05	2.70	0.72	0.73	13.65	8.85	5.69	0.82
11.10	2.75	0.75	0.78	13.70	8.87	5.71	0.79
11.15	2.80	0.79	0.83	13.75	8.90	5.74	0.77
11.20	2.86	0.82	0.89	13.80	8.93	5.76	0.75
11.25	2.92	0.86	0.96	13.85	8.95	5.79	0.74
11.30	2.98	0.90	1.02	13.90	8.98	5.81	0.73
11.35	3.05	0.94	1.09	13.95	9.00	5.83	0.72
11.40	3.12	0.98	1.16	14.00	9.03	5.85	0.70
11.45	3.19	1.03	1.23	14.05	9.05	5.88	0.69
11.50	3.26	1.08	1.30	14.10	9.07	5.90	0.68
11.55	3.37	1.15	1.39	14.15	9.10	5.92	0.67
11.60	3.49	1.23	1.60	14.20	9.12	5.94	0.66
11.65	3.60	1.31	1.90	14.25	9.14	5.96	0.65
11.70	3.72	1.39	2.15	14.30	9.16	5.98	0.64
11.75	3.88	1.51	2.35	14.35	9.19	6.00	0.63
11.80	4.04	1.63	2.65	14.40	9.21	6.02	0.61
11.85	4.27	1.79	3.08	14.45	9.23	6.04	0.60
11.90	4.49	1.96	3.66	14.50	9.25	6.06	0.59
11.95	4.88	2.27	4.43	14.55	9.27	6.07	0.58
12.00	5.26	2.57	5.68	14.60	9.29	6.09	0.57
12.05	5.91	3.11	7.41	14.65	9.31	6.11	0.56
12.10	6.55	3.65	9.89	14.70	9.32	6.13	0.55
12.15	6.77	3.85	12.32	14.75	9.34	6.14	0.53
12.20	7.00	4.04	12.17	14.80	9.36	6.16	0.52
12.25	7.16	4.18	9.76	14.85	9.38	6.17	0.51
12.30	7.32	4.32	7.43	14.90	9.40	6.19	0.50
12.35	7.44	4.43	5.88	14.95	9.41	6.21	0.49
12.40	7.55	4.53	4.81	15.00	9.43	6.22	0.48
12.45	7.67	4.63	4.04	15.05	9.44	6.23	0.47
12.50	7.78	4.73	3.54	15.10	9.46	6.25	0.46
12.55	7.85	4.79	3.23	15.15	9.47	6.26	0.44
12.60	7.92	4.86	2.88	15.20	9.49	6.28	0.44
12.65	7.99	4.92	2.47	15.25	9.50	6.29	0.43
12.70	8.06	4.98	2.18	15.30	9.52	6.30	0.43
12.75	8.12	5.03	2.00	15.35	9.53	6.32	0.42
12.80	8.18	5.09	1.88	15.40	9.55	6.33	0.42
12.85	8.24	5.14	1.78	15.45	9.56	6.34	0.42
12.90	8.29	5.19	1.69	15.50	9.58	6.36	0.41
12.95	8.34	5.23	1.61	15.55	9.59	6.37	0.41

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.41	18.20	10.20	6.93	0.25
15.65	9.62	6.40	0.41	18.25	10.21	6.94	0.25
15.70	9.64	6.41	0.40	18.30	10.22	6.95	0.25
15.75	9.65	6.42	0.40	18.35	10.23	6.96	0.25
15.80	9.66	6.44	0.40	18.40	10.24	6.97	0.25
15.85	9.68	6.45	0.39	18.45	10.24	6.97	0.25
15.90	9.69	6.46	0.39	18.50	10.25	6.98	0.25
15.95	9.70	6.47	0.39	18.55	10.26	6.99	0.24
16.00	9.72	6.49	0.38	18.60	10.27	7.00	0.24
16.05	9.73	6.50	0.38	18.65	10.28	7.01	0.24
16.10	9.74	6.51	0.38	18.70	10.29	7.01	0.24
16.15	9.76	6.52	0.38	18.75	10.30	7.02	0.24
16.20	9.77	6.54	0.37	18.80	10.30	7.03	0.24
16.25	9.78	6.55	0.37	18.85	10.31	7.04	0.24
16.30	9.80	6.56	0.37	18.90	10.32	7.04	0.24
16.35	9.81	6.57	0.36	18.95	10.33	7.05	0.24
16.40	9.82	6.58	0.36	19.00	10.34	7.06	0.24
16.45	9.83	6.59	0.36	19.05	10.35	7.07	0.24
16.50	9.85	6.60	0.35	19.10	10.35	7.08	0.24
16.55	9.86	6.62	0.35	19.15	10.36	7.08	0.24
16.60	9.87	6.63	0.35	19.20	10.37	7.09	0.24
16.65	9.88	6.64	0.34	19.25	10.38	7.10	0.23
16.70	9.89	6.65	0.34	19.30	10.39	7.11	0.23
16.75	9.91	6.66	0.34	19.35	10.40	7.11	0.23
16.80	9.92	6.67	0.34	19.40	10.40	7.12	0.23
16.85	9.93	6.68	0.33	19.45	10.41	7.13	0.23
16.90	9.94	6.69	0.33	19.50	10.42	7.14	0.23
16.95	9.95	6.70	0.33	19.55	10.43	7.14	0.23
17.00	9.96	6.71	0.32	19.60	10.44	7.15	0.23
17.05	9.97	6.72	0.32	19.65	10.44	7.16	0.23
17.10	9.99	6.73	0.32	19.70	10.45	7.17	0.23
17.15	10.00	6.74	0.31	19.75	10.46	7.17	0.23
17.20	10.01	6.75	0.31	19.80	10.47	7.18	0.23
17.25	10.02	6.76	0.31	19.85	10.48	7.19	0.23
17.30	10.03	6.77	0.31	19.90	10.48	7.20	0.23
17.35	10.04	6.78	0.30	19.95	10.49	7.20	0.22
17.40	10.05	6.79	0.30	20.00	10.50	7.21	0.22
17.45	10.06	6.80	0.30	20.05	10.51	7.22	0.22
17.50	10.07	6.81	0.29	20.10	10.52	7.23	0.22
17.55	10.08	6.82	0.29	20.15	10.52	7.23	0.22
17.60	10.09	6.83	0.29	20.20	10.53	7.24	0.22
17.65	10.10	6.84	0.28	20.25	10.54	7.25	0.22
17.70	10.11	6.85	0.28	20.30	10.55	7.25	0.22
17.75	10.12	6.86	0.28	20.35	10.55	7.26	0.22
17.80	10.13	6.87	0.27	20.40	10.56	7.27	0.22
17.85	10.14	6.87	0.27	20.45	10.57	7.28	0.22
17.90	10.15	6.88	0.27	20.50	10.58	7.28	0.22
17.95	10.16	6.89	0.27	20.55	10.58	7.29	0.21
18.00	10.17	6.90	0.26	20.60	10.59	7.30	0.21
18.05	10.17	6.91	0.26	20.65	10.60	7.30	0.21
18.10	10.18	6.92	0.26	20.70	10.61	7.31	0.21
18.15	10.19	6.92	0.25	20.75	10.61	7.32	0.21

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.21	23.40	10.97	7.65	0.17
20.85	10.63	7.33	0.21	23.45	10.97	7.65	0.17
20.90	10.64	7.34	0.21	23.50	10.98	7.66	0.17
20.95	10.64	7.34	0.21	23.55	10.99	7.66	0.17
21.00	10.65	7.35	0.21	23.60	10.99	7.67	0.17
21.05	10.66	7.36	0.21	23.65	11.00	7.67	0.17
21.10	10.66	7.36	0.21	23.70	11.00	7.68	0.17
21.15	10.67	7.37	0.21	23.75	11.01	7.69	0.17
21.20	10.68	7.38	0.20	23.80	11.01	7.69	0.17
21.25	10.69	7.38	0.20	23.85	11.02	7.70	0.16
21.30	10.69	7.39	0.20	23.90	11.03	7.70	0.16
21.35	10.70	7.40	0.20	23.95	11.03	7.71	0.16
21.40	10.71	7.40	0.20	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.20	24.05	11.04	7.72	0.18
21.50	10.72	7.42	0.20	24.10	11.04	7.72	0.15
21.55	10.73	7.42	0.20	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.20	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.20	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.20	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.20	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.20	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.20	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.19	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.19	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.19	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.19	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.19	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.19	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.19	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.19	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.19	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.19	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.19	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.19	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.18	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.18	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.18	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.18	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.18	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.18	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.18	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.18	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.18	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.18	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.18	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.18	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.18	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.18	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.17	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.17	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.17	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.17	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 24P: PDA-24 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 25I: PDA-25 (impervious)

Runoff = 8.83 cfs @ 12.17 hrs, Volume= 0.787 af, Depth=10.80"
 Routed to Pond B-25 : Basin #25

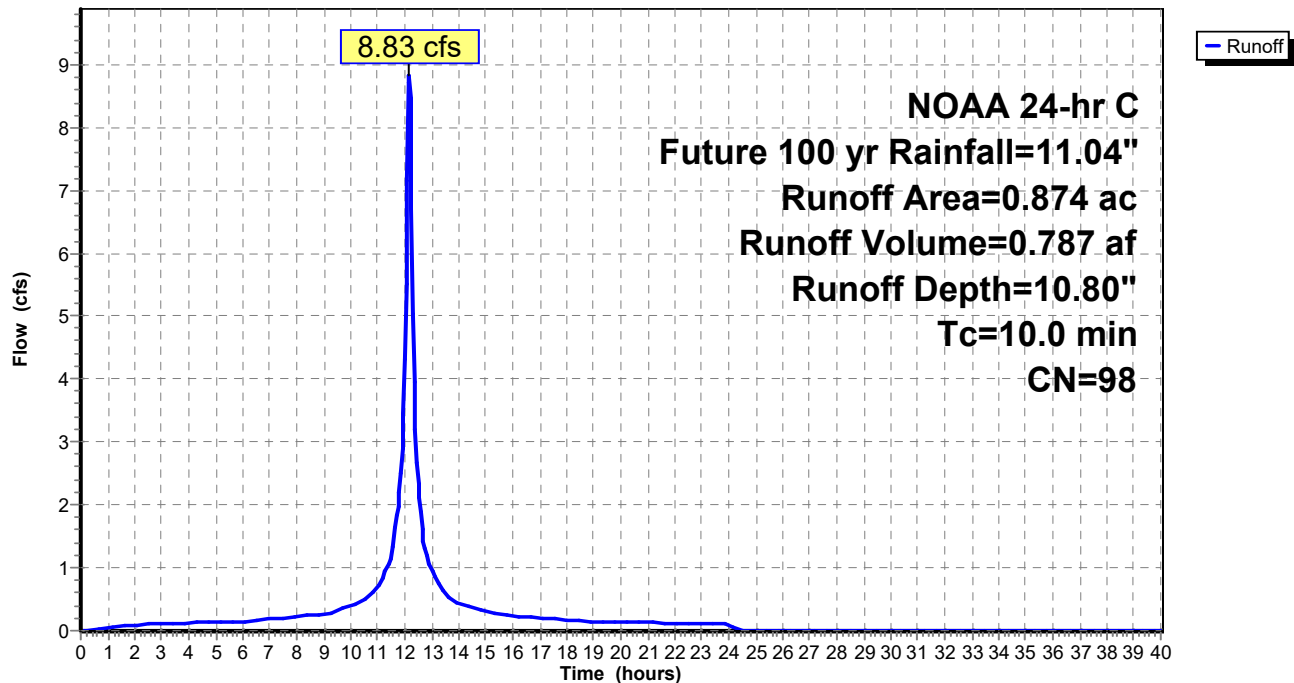
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.388	98	Pavement, HSG C
* 0.450	98	Roof, HSG C
* 0.036	98	Concrete, HSC C
0.874	98	Weighted Average
0.874		100.00% Impervious Area

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

Subcatchment 25I: PDA-25 (impervious)

Hydrograph



Hydrograph for Subcatchment 25I: PDA-25 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.22
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.22
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.22
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.23
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.23
5.50	0.79	0.59	0.14	8.10	1.35	1.13	0.23
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.23
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.24
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.24
5.75	0.83	0.63	0.15	8.35	1.42	1.20	0.24
5.80	0.84	0.64	0.15	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.24
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.25
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.25
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.25
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.25
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.26
6.20	0.91	0.71	0.15	8.80	1.55	1.33	0.26
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.26
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.26
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.26
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.26
6.45	0.96	0.75	0.16	9.05	1.63	1.41	0.27
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.27
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.28
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.28
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.29
6.70	1.01	0.80	0.17	9.30	1.72	1.49	0.30
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.31
6.80	1.03	0.82	0.18	9.40	1.75	1.53	0.31
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.32
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.33
6.95	1.07	0.85	0.18	9.55	1.81	1.59	0.33
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.34
7.05	1.09	0.88	0.19	9.65	1.85	1.63	0.35
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.36
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.36
7.20	1.12	0.91	0.19	9.80	1.92	1.69	0.37
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.38
7.30	1.15	0.93	0.20	9.90	1.97	1.74	0.38
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.39
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.40
7.45	1.18	0.97	0.20	10.05	2.04	1.81	0.41
7.50	1.19	0.98	0.21	10.10	2.06	1.84	0.41
7.55	1.21	0.99	0.21	10.15	2.09	1.86	0.42
7.60	1.22	1.00	0.21	10.20	2.11	1.89	0.43
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.44
7.70	1.24	1.03	0.21	10.30	2.17	1.94	0.44
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.45

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.46	13.00	8.39	8.15	0.98
10.45	2.25	2.02	0.47	13.05	8.43	8.19	0.93
10.50	2.28	2.05	0.47	13.10	8.48	8.24	0.88
10.55	2.31	2.08	0.48	13.15	8.52	8.28	0.83
10.60	2.34	2.11	0.50	13.20	8.56	8.32	0.79
10.65	2.37	2.14	0.52	13.25	8.60	8.36	0.75
10.70	2.41	2.18	0.54	13.30	8.63	8.39	0.72
10.75	2.44	2.21	0.57	13.35	8.67	8.43	0.69
10.80	2.48	2.25	0.60	13.40	8.70	8.46	0.66
10.85	2.52	2.29	0.62	13.45	8.73	8.49	0.63
10.90	2.56	2.33	0.65	13.50	8.76	8.52	0.61
10.95	2.61	2.38	0.68	13.55	8.79	8.55	0.58
11.00	2.65	2.42	0.71	13.60	8.82	8.58	0.55
11.05	2.70	2.47	0.74	13.65	8.85	8.61	0.52
11.10	2.75	2.52	0.78	13.70	8.87	8.63	0.50
11.15	2.80	2.57	0.82	13.75	8.90	8.66	0.49
11.20	2.86	2.63	0.87	13.80	8.93	8.69	0.48
11.25	2.92	2.69	0.92	13.85	8.95	8.71	0.47
11.30	2.98	2.75	0.97	13.90	8.98	8.74	0.46
11.35	3.05	2.82	1.02	13.95	9.00	8.76	0.46
11.40	3.12	2.89	1.08	14.00	9.03	8.79	0.45
11.45	3.19	2.96	1.13	14.05	9.05	8.81	0.44
11.50	3.26	3.03	1.17	14.10	9.07	8.83	0.43
11.55	3.37	3.14	1.24	14.15	9.10	8.86	0.43
11.60	3.49	3.25	1.41	14.20	9.12	8.88	0.42
11.65	3.60	3.37	1.64	14.25	9.14	8.90	0.41
11.70	3.72	3.49	1.83	14.30	9.16	8.92	0.40
11.75	3.88	3.65	1.97	14.35	9.19	8.95	0.40
11.80	4.04	3.81	2.19	14.40	9.21	8.97	0.39
11.85	4.27	4.03	2.49	14.45	9.23	8.99	0.38
11.90	4.49	4.25	2.91	14.50	9.25	9.01	0.38
11.95	4.88	4.64	3.46	14.55	9.27	9.03	0.37
12.00	5.26	5.02	4.33	14.60	9.29	9.05	0.36
12.05	5.91	5.67	5.51	14.65	9.31	9.07	0.35
12.10	6.55	6.31	7.16	14.70	9.32	9.08	0.35
12.15	6.77	6.53	8.71	14.75	9.34	9.10	0.34
12.20	7.00	6.76	8.46	14.80	9.36	9.12	0.33
12.25	7.16	6.92	6.70	14.85	9.38	9.14	0.32
12.30	7.32	7.08	5.05	14.90	9.40	9.15	0.32
12.35	7.44	7.20	3.96	14.95	9.41	9.17	0.31
12.40	7.55	7.31	3.21	15.00	9.43	9.19	0.30
12.45	7.67	7.43	2.68	15.05	9.44	9.20	0.30
12.50	7.78	7.54	2.34	15.10	9.46	9.22	0.29
12.55	7.85	7.61	2.12	15.15	9.47	9.23	0.28
12.60	7.92	7.68	1.88	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.62	15.25	9.50	9.26	0.27
12.70	8.06	7.82	1.42	15.30	9.52	9.28	0.27
12.75	8.12	7.88	1.30	15.35	9.53	9.29	0.27
12.80	8.18	7.94	1.22	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.15	15.45	9.56	9.32	0.26
12.90	8.29	8.05	1.09	15.50	9.58	9.34	0.26
12.95	8.34	8.10	1.04	15.55	9.59	9.35	0.26

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.26	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.25	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.25	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.25	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.15
15.95	9.70	9.46	0.24	18.55	10.26	10.02	0.15
16.00	9.72	9.48	0.24	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.24	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.24	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.23	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.23	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.23	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.23	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.22	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.22	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.22	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.21	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.21	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.14
17.00	9.96	9.72	0.20	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.20	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.19	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.18	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.17	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.16	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 25I: PDA-25 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 25P: PDA-25 (pervious)

Runoff = 13.57 cfs @ 12.17 hrs, Volume= 1.045 af, Depth= 7.72"
 Routed to Pond B-25 : Basin #25

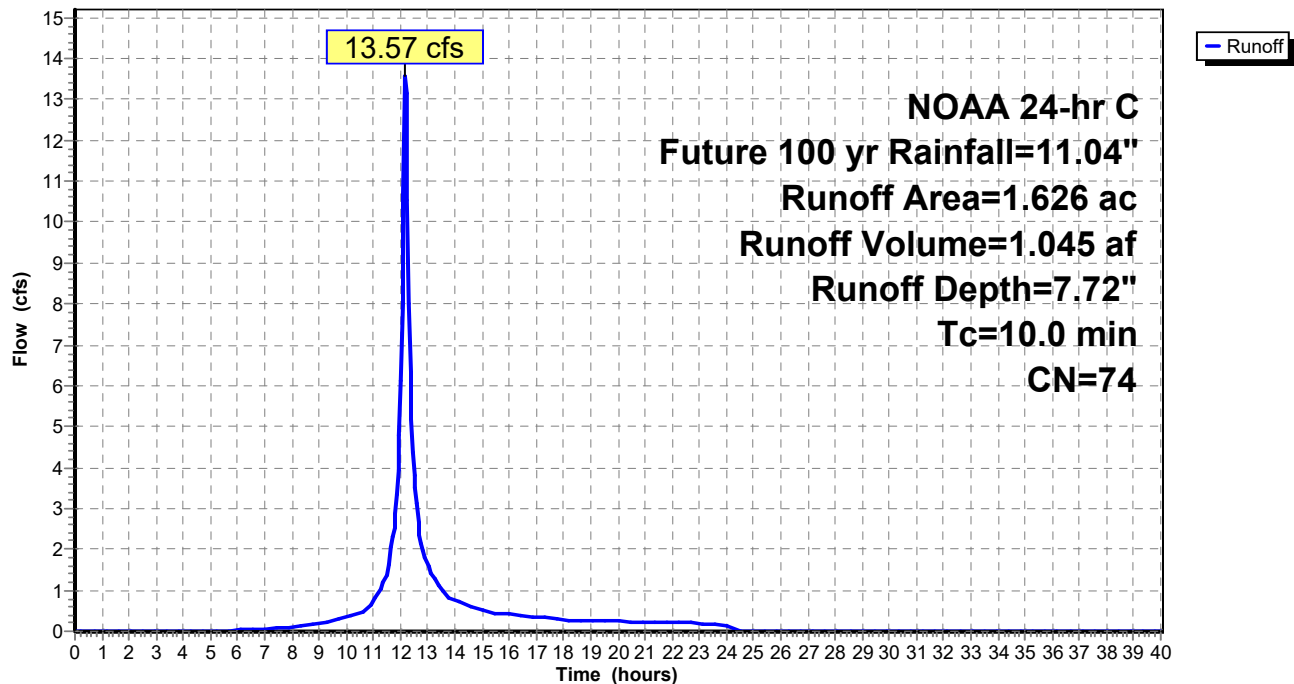
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.626	74	>75% Grass cover, Good, HSG C
1.626		100.00% Pervious Area

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

Subcatchment 25P: PDA-25 (pervious)

Hydrograph



Hydrograph for Subcatchment 25P: PDA-25 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.11
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.12
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.16
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.17
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.19
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.20
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.21
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.21
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.22
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.23
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.24
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.25
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.26
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.26
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.27
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.28
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.29
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.30
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.31
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.32
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.33
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.34
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.35
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.36
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.37
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.38
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.39
7.70	1.24	0.07	0.10	10.30	2.17	0.43	0.40
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.41

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.43	13.00	8.39	5.28	1.65
10.45	2.25	0.47	0.44	13.05	8.43	5.32	1.56
10.50	2.28	0.49	0.45	13.10	8.48	5.36	1.48
10.55	2.31	0.50	0.46	13.15	8.52	5.39	1.39
10.60	2.34	0.52	0.48	13.20	8.56	5.43	1.32
10.65	2.37	0.54	0.51	13.25	8.60	5.46	1.26
10.70	2.41	0.56	0.54	13.30	8.63	5.50	1.21
10.75	2.44	0.58	0.57	13.35	8.67	5.53	1.16
10.80	2.48	0.60	0.61	13.40	8.70	5.56	1.12
10.85	2.52	0.62	0.64	13.45	8.73	5.59	1.07
10.90	2.56	0.64	0.68	13.50	8.76	5.61	1.02
10.95	2.61	0.67	0.71	13.55	8.79	5.64	0.98
11.00	2.65	0.69	0.75	13.60	8.82	5.67	0.93
11.05	2.70	0.72	0.79	13.65	8.85	5.69	0.89
11.10	2.75	0.75	0.84	13.70	8.87	5.71	0.85
11.15	2.80	0.79	0.90	13.75	8.90	5.74	0.83
11.20	2.86	0.82	0.97	13.80	8.93	5.76	0.81
11.25	2.92	0.86	1.03	13.85	8.95	5.79	0.80
11.30	2.98	0.90	1.11	13.90	8.98	5.81	0.78
11.35	3.05	0.94	1.18	13.95	9.00	5.83	0.77
11.40	3.12	0.98	1.26	14.00	9.03	5.85	0.76
11.45	3.19	1.03	1.33	14.05	9.05	5.88	0.75
11.50	3.26	1.08	1.41	14.10	9.07	5.90	0.74
11.55	3.37	1.15	1.50	14.15	9.10	5.92	0.72
11.60	3.49	1.23	1.73	14.20	9.12	5.94	0.71
11.65	3.60	1.31	2.05	14.25	9.14	5.96	0.70
11.70	3.72	1.39	2.32	14.30	9.16	5.98	0.69
11.75	3.88	1.51	2.54	14.35	9.19	6.00	0.68
11.80	4.04	1.63	2.86	14.40	9.21	6.02	0.66
11.85	4.27	1.79	3.32	14.45	9.23	6.04	0.65
11.90	4.49	1.96	3.95	14.50	9.25	6.06	0.64
11.95	4.88	2.27	4.79	14.55	9.27	6.07	0.63
12.00	5.26	2.57	6.13	14.60	9.29	6.09	0.61
12.05	5.91	3.11	8.00	14.65	9.31	6.11	0.60
12.10	6.55	3.65	10.67	14.70	9.32	6.13	0.59
12.15	6.77	3.85	13.30	14.75	9.34	6.14	0.58
12.20	7.00	4.04	13.14	14.80	9.36	6.16	0.57
12.25	7.16	4.18	10.54	14.85	9.38	6.17	0.55
12.30	7.32	4.32	8.02	14.90	9.40	6.19	0.54
12.35	7.44	4.43	6.35	14.95	9.41	6.21	0.53
12.40	7.55	4.53	5.19	15.00	9.43	6.22	0.52
12.45	7.67	4.63	4.36	15.05	9.44	6.23	0.50
12.50	7.78	4.73	3.83	15.10	9.46	6.25	0.49
12.55	7.85	4.79	3.49	15.15	9.47	6.26	0.48
12.60	7.92	4.86	3.11	15.20	9.49	6.28	0.47
12.65	7.99	4.92	2.67	15.25	9.50	6.29	0.47
12.70	8.06	4.98	2.35	15.30	9.52	6.30	0.46
12.75	8.12	5.03	2.16	15.35	9.53	6.32	0.46
12.80	8.18	5.09	2.03	15.40	9.55	6.33	0.45
12.85	8.24	5.14	1.92	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.83	15.50	9.58	6.36	0.45
12.95	8.34	5.23	1.74	15.55	9.59	6.37	0.44

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.44	18.20	10.20	6.93	0.27
15.65	9.62	6.40	0.44	18.25	10.21	6.94	0.27
15.70	9.64	6.41	0.43	18.30	10.22	6.95	0.27
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.43	18.40	10.24	6.97	0.27
15.85	9.68	6.45	0.42	18.45	10.24	6.97	0.27
15.90	9.69	6.46	0.42	18.50	10.25	6.98	0.27
15.95	9.70	6.47	0.42	18.55	10.26	6.99	0.26
16.00	9.72	6.49	0.41	18.60	10.27	7.00	0.26
16.05	9.73	6.50	0.41	18.65	10.28	7.01	0.26
16.10	9.74	6.51	0.41	18.70	10.29	7.01	0.26
16.15	9.76	6.52	0.40	18.75	10.30	7.02	0.26
16.20	9.77	6.54	0.40	18.80	10.30	7.03	0.26
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.26
16.30	9.80	6.56	0.40	18.90	10.32	7.04	0.26
16.35	9.81	6.57	0.39	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.39	19.05	10.35	7.07	0.26
16.50	9.85	6.60	0.38	19.10	10.35	7.08	0.26
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.25
16.60	9.87	6.63	0.38	19.20	10.37	7.09	0.25
16.65	9.88	6.64	0.37	19.25	10.38	7.10	0.25
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.25
16.75	9.91	6.66	0.37	19.35	10.40	7.11	0.25
16.80	9.92	6.67	0.36	19.40	10.40	7.12	0.25
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.25
16.90	9.94	6.69	0.36	19.50	10.42	7.14	0.25
16.95	9.95	6.70	0.35	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.35	19.65	10.44	7.16	0.25
17.10	9.99	6.73	0.34	19.70	10.45	7.17	0.25
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.24
17.20	10.01	6.75	0.34	19.80	10.47	7.18	0.24
17.25	10.02	6.76	0.33	19.85	10.48	7.19	0.24
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.24
17.35	10.04	6.78	0.33	19.95	10.49	7.20	0.24
17.40	10.05	6.79	0.32	20.00	10.50	7.21	0.24
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.24
17.50	10.07	6.81	0.32	20.10	10.52	7.23	0.24
17.55	10.08	6.82	0.31	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.31	20.25	10.54	7.25	0.24
17.70	10.11	6.85	0.30	20.30	10.55	7.25	0.24
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.24
17.80	10.13	6.87	0.30	20.40	10.56	7.27	0.23
17.85	10.14	6.87	0.29	20.45	10.57	7.28	0.23
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.23
17.95	10.16	6.89	0.29	20.55	10.58	7.29	0.23
18.00	10.17	6.90	0.28	20.60	10.59	7.30	0.23
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.23
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.27	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.18
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.18
20.90	10.64	7.34	0.23	23.50	10.98	7.66	0.18
20.95	10.64	7.34	0.23	23.55	10.99	7.66	0.18
21.00	10.65	7.35	0.22	23.60	10.99	7.67	0.18
21.05	10.66	7.36	0.22	23.65	11.00	7.67	0.18
21.10	10.66	7.36	0.22	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.22	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.22	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.22	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.22	23.90	11.03	7.70	0.18
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.18
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.22	24.10	11.04	7.72	0.16
21.55	10.73	7.42	0.22	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.21	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.21	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.21	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.21	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.21	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.21	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.21	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.20	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.20	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.20	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.20	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.20	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.20	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.19	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.19	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.19	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.19	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.19	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.19	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 25P: PDA-25 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 26I: PDA-26 (impervious)

Runoff = 9.53 cfs @ 12.17 hrs, Volume= 0.850 af, Depth=10.80"
 Routed to Pond B-26 : Basin #26

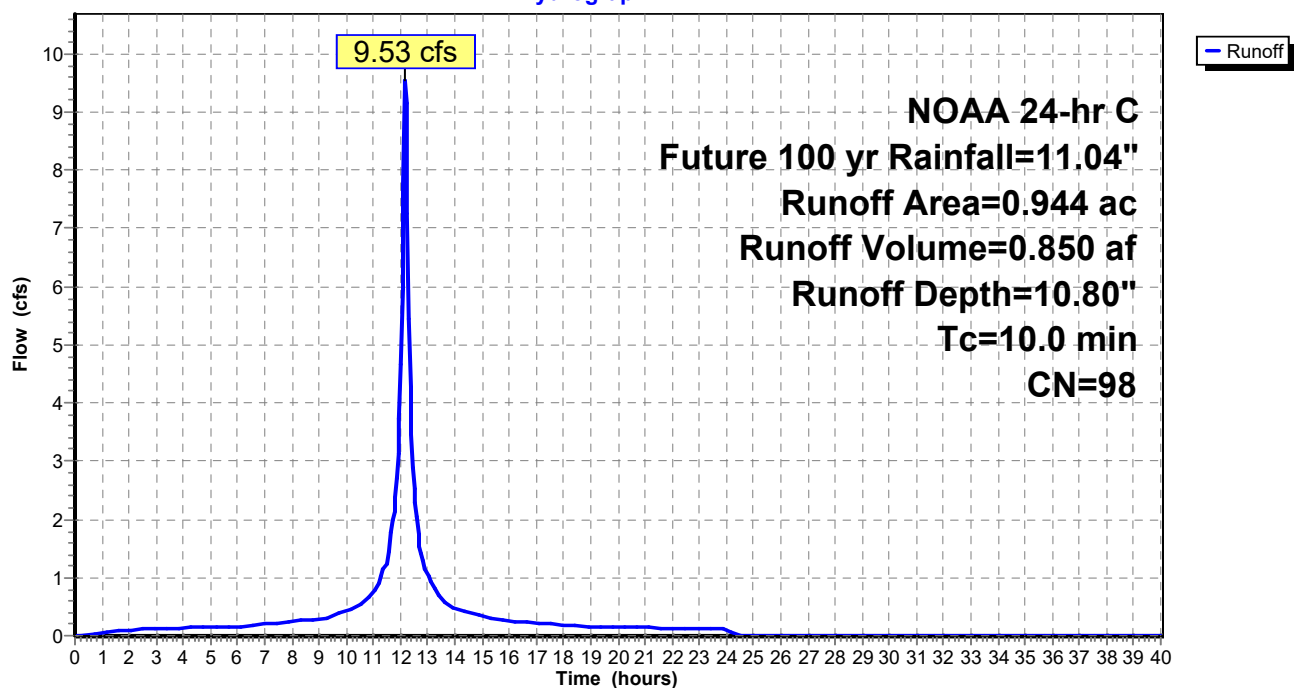
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.944	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.944	98	Weighted Average
0.944		100.00% Impervious Area

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

Subcatchment 26I: PDA-26 (impervious)

Hydrograph



Hydrograph for Subcatchment 26I: PDA-26 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.11
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.11
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.12
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.12
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.12
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.12
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.12
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.12
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.13
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.13
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.13
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.13
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.13
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.13
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.13
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.14
1.55	0.19	0.06	0.08	4.15	0.56	0.38	0.14
1.60	0.20	0.07	0.08	4.20	0.57	0.38	0.14
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.14
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.14
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.14
1.80	0.22	0.09	0.09	4.40	0.60	0.41	0.14
1.85	0.23	0.09	0.09	4.45	0.61	0.42	0.14
1.90	0.24	0.10	0.09	4.50	0.62	0.43	0.14
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.10	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.10	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.10	4.80	0.67	0.47	0.15
2.25	0.28	0.13	0.10	4.85	0.68	0.48	0.15
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.15
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.15
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.15
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.15
2.50	0.32	0.16	0.11	5.10	0.72	0.52	0.15
2.55	0.33	0.17	0.11	5.15	0.73	0.53	0.15

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.15	7.80	1.27	1.05	0.23
5.25	0.74	0.55	0.15	7.85	1.28	1.07	0.24
5.30	0.75	0.55	0.15	7.90	1.30	1.08	0.24
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.24
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.24
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.25
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.25
5.55	0.80	0.59	0.16	8.15	1.36	1.15	0.25
5.60	0.80	0.60	0.16	8.20	1.38	1.16	0.25
5.65	0.81	0.61	0.16	8.25	1.39	1.17	0.25
5.70	0.82	0.62	0.16	8.30	1.40	1.19	0.26
5.75	0.83	0.63	0.16	8.35	1.42	1.20	0.26
5.80	0.84	0.64	0.16	8.40	1.43	1.21	0.26
5.85	0.85	0.64	0.16	8.45	1.45	1.23	0.26
5.90	0.86	0.65	0.16	8.50	1.46	1.24	0.26
5.95	0.87	0.66	0.16	8.55	1.48	1.26	0.27
6.00	0.87	0.67	0.16	8.60	1.49	1.27	0.27
6.05	0.88	0.68	0.16	8.65	1.51	1.29	0.27
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.27
6.15	0.90	0.70	0.16	8.75	1.54	1.32	0.28
6.20	0.91	0.71	0.17	8.80	1.55	1.33	0.28
6.25	0.92	0.71	0.17	8.85	1.57	1.35	0.28
6.30	0.93	0.72	0.17	8.90	1.58	1.36	0.28
6.35	0.94	0.73	0.17	8.95	1.60	1.38	0.28
6.40	0.95	0.74	0.18	9.00	1.61	1.39	0.29
6.45	0.96	0.75	0.18	9.05	1.63	1.41	0.29
6.50	0.97	0.76	0.18	9.10	1.64	1.42	0.29
6.55	0.98	0.77	0.18	9.15	1.66	1.44	0.30
6.60	0.99	0.78	0.18	9.20	1.68	1.46	0.31
6.65	1.00	0.79	0.19	9.25	1.70	1.47	0.31
6.70	1.01	0.80	0.19	9.30	1.72	1.49	0.32
6.75	1.02	0.81	0.19	9.35	1.73	1.51	0.33
6.80	1.03	0.82	0.19	9.40	1.75	1.53	0.34
6.85	1.04	0.83	0.19	9.45	1.77	1.55	0.34
6.90	1.05	0.84	0.20	9.50	1.79	1.57	0.35
6.95	1.07	0.85	0.20	9.55	1.81	1.59	0.36
7.00	1.08	0.87	0.20	9.60	1.83	1.61	0.37
7.05	1.09	0.88	0.20	9.65	1.85	1.63	0.38
7.10	1.10	0.89	0.21	9.70	1.88	1.65	0.38
7.15	1.11	0.90	0.21	9.75	1.90	1.67	0.39
7.20	1.12	0.91	0.21	9.80	1.92	1.69	0.40
7.25	1.13	0.92	0.21	9.85	1.94	1.72	0.41
7.30	1.15	0.93	0.21	9.90	1.97	1.74	0.42
7.35	1.16	0.94	0.22	9.95	1.99	1.76	0.42
7.40	1.17	0.96	0.22	10.00	2.01	1.79	0.43
7.45	1.18	0.97	0.22	10.05	2.04	1.81	0.44
7.50	1.19	0.98	0.22	10.10	2.06	1.84	0.45
7.55	1.21	0.99	0.22	10.15	2.09	1.86	0.46
7.60	1.22	1.00	0.23	10.20	2.11	1.89	0.46
7.65	1.23	1.02	0.23	10.25	2.14	1.91	0.47
7.70	1.24	1.03	0.23	10.30	2.17	1.94	0.48
7.75	1.26	1.04	0.23	10.35	2.19	1.97	0.49

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.49	13.00	8.39	8.15	1.06
10.45	2.25	2.02	0.50	13.05	8.43	8.19	1.01
10.50	2.28	2.05	0.51	13.10	8.48	8.24	0.95
10.55	2.31	2.08	0.52	13.15	8.52	8.28	0.90
10.60	2.34	2.11	0.54	13.20	8.56	8.32	0.85
10.65	2.37	2.14	0.56	13.25	8.60	8.36	0.81
10.70	2.41	2.18	0.59	13.30	8.63	8.39	0.78
10.75	2.44	2.21	0.62	13.35	8.67	8.43	0.75
10.80	2.48	2.25	0.65	13.40	8.70	8.46	0.71
10.85	2.52	2.29	0.67	13.45	8.73	8.49	0.68
10.90	2.56	2.33	0.71	13.50	8.76	8.52	0.65
10.95	2.61	2.38	0.74	13.55	8.79	8.55	0.62
11.00	2.65	2.42	0.77	13.60	8.82	8.58	0.59
11.05	2.70	2.47	0.80	13.65	8.85	8.61	0.57
11.10	2.75	2.52	0.84	13.70	8.87	8.63	0.54
11.15	2.80	2.57	0.89	13.75	8.90	8.66	0.53
11.20	2.86	2.63	0.94	13.80	8.93	8.69	0.52
11.25	2.92	2.69	0.99	13.85	8.95	8.71	0.51
11.30	2.98	2.75	1.05	13.90	8.98	8.74	0.50
11.35	3.05	2.82	1.11	13.95	9.00	8.76	0.49
11.40	3.12	2.89	1.16	14.00	9.03	8.79	0.48
11.45	3.19	2.96	1.22	14.05	9.05	8.81	0.48
11.50	3.26	3.03	1.27	14.10	9.07	8.83	0.47
11.55	3.37	3.14	1.34	14.15	9.10	8.86	0.46
11.60	3.49	3.25	1.52	14.20	9.12	8.88	0.45
11.65	3.60	3.37	1.77	14.25	9.14	8.90	0.45
11.70	3.72	3.49	1.97	14.30	9.16	8.92	0.44
11.75	3.88	3.65	2.13	14.35	9.19	8.95	0.43
11.80	4.04	3.81	2.36	14.40	9.21	8.97	0.42
11.85	4.27	4.03	2.69	14.45	9.23	8.99	0.41
11.90	4.49	4.25	3.14	14.50	9.25	9.01	0.41
11.95	4.88	4.64	3.73	14.55	9.27	9.03	0.40
12.00	5.26	5.02	4.68	14.60	9.29	9.05	0.39
12.05	5.91	5.67	5.95	14.65	9.31	9.07	0.38
12.10	6.55	6.31	7.73	14.70	9.32	9.08	0.37
12.15	6.77	6.53	9.41	14.75	9.34	9.10	0.37
12.20	7.00	6.76	9.14	14.80	9.36	9.12	0.36
12.25	7.16	6.92	7.24	14.85	9.38	9.14	0.35
12.30	7.32	7.08	5.45	14.90	9.40	9.15	0.34
12.35	7.44	7.20	4.28	14.95	9.41	9.17	0.33
12.40	7.55	7.31	3.47	15.00	9.43	9.19	0.33
12.45	7.67	7.43	2.89	15.05	9.44	9.20	0.32
12.50	7.78	7.54	2.53	15.10	9.46	9.22	0.31
12.55	7.85	7.61	2.29	15.15	9.47	9.23	0.30
12.60	7.92	7.68	2.03	15.20	9.49	9.25	0.30
12.65	7.99	7.75	1.74	15.25	9.50	9.26	0.29
12.70	8.06	7.82	1.53	15.30	9.52	9.28	0.29
12.75	8.12	7.88	1.40	15.35	9.53	9.29	0.29
12.80	8.18	7.94	1.32	15.40	9.55	9.31	0.29
12.85	8.24	8.00	1.25	15.45	9.56	9.32	0.28
12.90	8.29	8.05	1.18	15.50	9.58	9.34	0.28
12.95	8.34	8.10	1.12	15.55	9.59	9.35	0.28

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.28	18.20	10.20	9.96	0.17
15.65	9.62	9.38	0.28	18.25	10.21	9.97	0.17
15.70	9.64	9.39	0.27	18.30	10.22	9.98	0.17
15.75	9.65	9.41	0.27	18.35	10.23	9.99	0.17
15.80	9.66	9.42	0.27	18.40	10.24	9.99	0.17
15.85	9.68	9.44	0.27	18.45	10.24	10.00	0.17
15.90	9.69	9.45	0.27	18.50	10.25	10.01	0.17
15.95	9.70	9.46	0.26	18.55	10.26	10.02	0.17
16.00	9.72	9.48	0.26	18.60	10.27	10.03	0.16
16.05	9.73	9.49	0.26	18.65	10.28	10.04	0.16
16.10	9.74	9.50	0.26	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.26	18.75	10.30	10.05	0.16
16.20	9.77	9.53	0.25	18.80	10.30	10.06	0.16
16.25	9.78	9.54	0.25	18.85	10.31	10.07	0.16
16.30	9.80	9.55	0.25	18.90	10.32	10.08	0.16
16.35	9.81	9.57	0.25	18.95	10.33	10.09	0.16
16.40	9.82	9.58	0.24	19.00	10.34	10.10	0.16
16.45	9.83	9.59	0.24	19.05	10.35	10.11	0.16
16.50	9.85	9.60	0.24	19.10	10.35	10.11	0.16
16.55	9.86	9.62	0.24	19.15	10.36	10.12	0.16
16.60	9.87	9.63	0.24	19.20	10.37	10.13	0.16
16.65	9.88	9.64	0.23	19.25	10.38	10.14	0.16
16.70	9.89	9.65	0.23	19.30	10.39	10.15	0.16
16.75	9.91	9.66	0.23	19.35	10.40	10.15	0.16
16.80	9.92	9.68	0.23	19.40	10.40	10.16	0.16
16.85	9.93	9.69	0.23	19.45	10.41	10.17	0.16
16.90	9.94	9.70	0.22	19.50	10.42	10.18	0.16
16.95	9.95	9.71	0.22	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.22	19.60	10.44	10.20	0.15
17.05	9.97	9.73	0.22	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.22	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.21	19.75	10.46	10.22	0.15
17.20	10.01	9.77	0.21	19.80	10.47	10.23	0.15
17.25	10.02	9.78	0.21	19.85	10.48	10.24	0.15
17.30	10.03	9.79	0.21	19.90	10.48	10.24	0.15
17.35	10.04	9.80	0.20	19.95	10.49	10.25	0.15
17.40	10.05	9.81	0.20	20.00	10.50	10.26	0.15
17.45	10.06	9.82	0.20	20.05	10.51	10.27	0.15
17.50	10.07	9.83	0.20	20.10	10.52	10.27	0.15
17.55	10.08	9.84	0.20	20.15	10.52	10.28	0.15
17.60	10.09	9.85	0.19	20.20	10.53	10.29	0.15
17.65	10.10	9.86	0.19	20.25	10.54	10.30	0.15
17.70	10.11	9.87	0.19	20.30	10.55	10.31	0.15
17.75	10.12	9.88	0.19	20.35	10.55	10.31	0.15
17.80	10.13	9.89	0.19	20.40	10.56	10.32	0.15
17.85	10.14	9.90	0.18	20.45	10.57	10.33	0.15
17.90	10.15	9.91	0.18	20.50	10.58	10.34	0.15
17.95	10.16	9.92	0.18	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.18	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.18	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.17	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.17	20.75	10.61	10.37	0.14

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.14	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.14	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.14	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.14	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.14	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.14	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.14	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.14	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.14	23.80	11.01	10.77	0.11
21.25	10.69	10.45	0.14	23.85	11.02	10.78	0.11
21.30	10.69	10.45	0.14	23.90	11.03	10.78	0.11
21.35	10.70	10.46	0.14	23.95	11.03	10.79	0.11
21.40	10.71	10.47	0.14	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.14	24.05	11.04	10.80	0.12
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.10
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.06
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.13	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.13	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.13	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.13	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.13	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.13	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.13	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.13	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.13	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.13	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.13	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.13	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.13	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.13	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.12	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.12	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.12	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.12	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.12	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.12	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.12	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.12	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.12	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.12	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.12	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.12	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.12	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 26I: PDA-26 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 26P: PDA-26 (pervious)

Runoff = 11.87 cfs @ 12.17 hrs, Volume= 0.914 af, Depth= 7.72"
 Routed to Pond B-26 : Basin #26

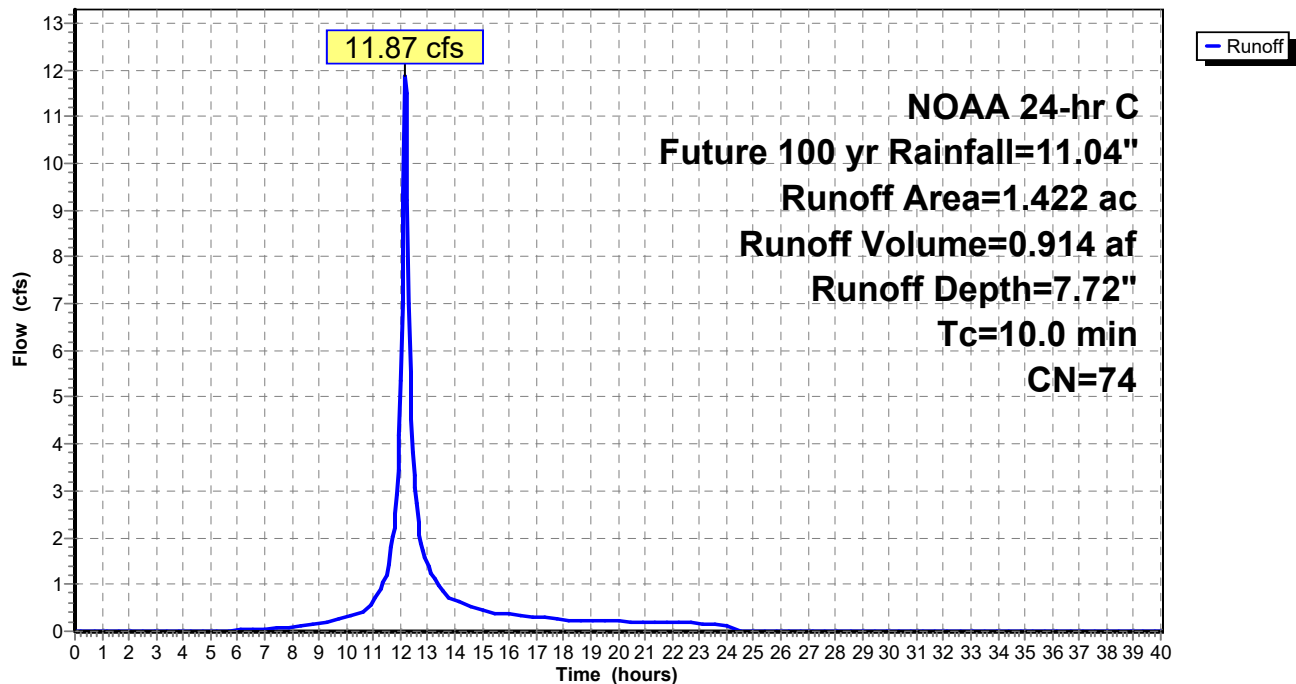
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.422	74	>75% Grass cover, Good, HSG C
1.422		100.00% Pervious Area

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

Subcatchment 26P: PDA-26 (pervious)

Hydrograph



Hydrograph for Subcatchment 26P: PDA-26 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.13
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.13
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.14
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.14
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.15
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.15
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.16
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.16
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.17
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.18
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.19
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.20
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.21
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.22
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.23
7.05	1.09	0.04	0.05	9.65	1.85	0.28	0.24
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.25
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.26
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.26
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.27
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.28
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.29
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.30
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.31
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.32
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.32
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.33
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.34
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.35
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.36

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.37	13.00	8.39	5.28	1.44
10.45	2.25	0.47	0.38	13.05	8.43	5.32	1.37
10.50	2.28	0.49	0.39	13.10	8.48	5.36	1.29
10.55	2.31	0.50	0.40	13.15	8.52	5.39	1.22
10.60	2.34	0.52	0.42	13.20	8.56	5.43	1.16
10.65	2.37	0.54	0.44	13.25	8.60	5.46	1.11
10.70	2.41	0.56	0.47	13.30	8.63	5.50	1.06
10.75	2.44	0.58	0.50	13.35	8.67	5.53	1.02
10.80	2.48	0.60	0.53	13.40	8.70	5.56	0.98
10.85	2.52	0.62	0.56	13.45	8.73	5.59	0.93
10.90	2.56	0.64	0.59	13.50	8.76	5.61	0.89
10.95	2.61	0.67	0.62	13.55	8.79	5.64	0.85
11.00	2.65	0.69	0.66	13.60	8.82	5.67	0.81
11.05	2.70	0.72	0.69	13.65	8.85	5.69	0.77
11.10	2.75	0.75	0.74	13.70	8.87	5.71	0.75
11.15	2.80	0.79	0.79	13.75	8.90	5.74	0.73
11.20	2.86	0.82	0.84	13.80	8.93	5.76	0.71
11.25	2.92	0.86	0.90	13.85	8.95	5.79	0.70
11.30	2.98	0.90	0.97	13.90	8.98	5.81	0.69
11.35	3.05	0.94	1.03	13.95	9.00	5.83	0.68
11.40	3.12	0.98	1.10	14.00	9.03	5.85	0.66
11.45	3.19	1.03	1.16	14.05	9.05	5.88	0.65
11.50	3.26	1.08	1.23	14.10	9.07	5.90	0.64
11.55	3.37	1.15	1.32	14.15	9.10	5.92	0.63
11.60	3.49	1.23	1.51	14.20	9.12	5.94	0.62
11.65	3.60	1.31	1.79	14.25	9.14	5.96	0.61
11.70	3.72	1.39	2.03	14.30	9.16	5.98	0.60
11.75	3.88	1.51	2.22	14.35	9.19	6.00	0.59
11.80	4.04	1.63	2.50	14.40	9.21	6.02	0.58
11.85	4.27	1.79	2.90	14.45	9.23	6.04	0.57
11.90	4.49	1.96	3.45	14.50	9.25	6.06	0.56
11.95	4.88	2.27	4.19	14.55	9.27	6.07	0.55
12.00	5.26	2.57	5.36	14.60	9.29	6.09	0.54
12.05	5.91	3.11	7.00	14.65	9.31	6.11	0.53
12.10	6.55	3.65	9.33	14.70	9.32	6.13	0.52
12.15	6.77	3.85	11.63	14.75	9.34	6.14	0.50
12.20	7.00	4.04	11.49	14.80	9.36	6.16	0.49
12.25	7.16	4.18	9.22	14.85	9.38	6.17	0.48
12.30	7.32	4.32	7.02	14.90	9.40	6.19	0.47
12.35	7.44	4.43	5.56	14.95	9.41	6.21	0.46
12.40	7.55	4.53	4.54	15.00	9.43	6.22	0.45
12.45	7.67	4.63	3.81	15.05	9.44	6.23	0.44
12.50	7.78	4.73	3.35	15.10	9.46	6.25	0.43
12.55	7.85	4.79	3.05	15.15	9.47	6.26	0.42
12.60	7.92	4.86	2.72	15.20	9.49	6.28	0.41
12.65	7.99	4.92	2.34	15.25	9.50	6.29	0.41
12.70	8.06	4.98	2.05	15.30	9.52	6.30	0.40
12.75	8.12	5.03	1.89	15.35	9.53	6.32	0.40
12.80	8.18	5.09	1.77	15.40	9.55	6.33	0.40
12.85	8.24	5.14	1.68	15.45	9.56	6.34	0.39
12.90	8.29	5.19	1.60	15.50	9.58	6.36	0.39
12.95	8.34	5.23	1.52	15.55	9.59	6.37	0.39

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.39	18.20	10.20	6.93	0.24
15.65	9.62	6.40	0.38	18.25	10.21	6.94	0.24
15.70	9.64	6.41	0.38	18.30	10.22	6.95	0.24
15.75	9.65	6.42	0.38	18.35	10.23	6.96	0.23
15.80	9.66	6.44	0.37	18.40	10.24	6.97	0.23
15.85	9.68	6.45	0.37	18.45	10.24	6.97	0.23
15.90	9.69	6.46	0.37	18.50	10.25	6.98	0.23
15.95	9.70	6.47	0.37	18.55	10.26	6.99	0.23
16.00	9.72	6.49	0.36	18.60	10.27	7.00	0.23
16.05	9.73	6.50	0.36	18.65	10.28	7.01	0.23
16.10	9.74	6.51	0.36	18.70	10.29	7.01	0.23
16.15	9.76	6.52	0.35	18.75	10.30	7.02	0.23
16.20	9.77	6.54	0.35	18.80	10.30	7.03	0.23
16.25	9.78	6.55	0.35	18.85	10.31	7.04	0.23
16.30	9.80	6.56	0.35	18.90	10.32	7.04	0.23
16.35	9.81	6.57	0.34	18.95	10.33	7.05	0.23
16.40	9.82	6.58	0.34	19.00	10.34	7.06	0.22
16.45	9.83	6.59	0.34	19.05	10.35	7.07	0.22
16.50	9.85	6.60	0.33	19.10	10.35	7.08	0.22
16.55	9.86	6.62	0.33	19.15	10.36	7.08	0.22
16.60	9.87	6.63	0.33	19.20	10.37	7.09	0.22
16.65	9.88	6.64	0.33	19.25	10.38	7.10	0.22
16.70	9.89	6.65	0.32	19.30	10.39	7.11	0.22
16.75	9.91	6.66	0.32	19.35	10.40	7.11	0.22
16.80	9.92	6.67	0.32	19.40	10.40	7.12	0.22
16.85	9.93	6.68	0.31	19.45	10.41	7.13	0.22
16.90	9.94	6.69	0.31	19.50	10.42	7.14	0.22
16.95	9.95	6.70	0.31	19.55	10.43	7.14	0.22
17.00	9.96	6.71	0.31	19.60	10.44	7.15	0.22
17.05	9.97	6.72	0.30	19.65	10.44	7.16	0.22
17.10	9.99	6.73	0.30	19.70	10.45	7.17	0.21
17.15	10.00	6.74	0.30	19.75	10.46	7.17	0.21
17.20	10.01	6.75	0.29	19.80	10.47	7.18	0.21
17.25	10.02	6.76	0.29	19.85	10.48	7.19	0.21
17.30	10.03	6.77	0.29	19.90	10.48	7.20	0.21
17.35	10.04	6.78	0.28	19.95	10.49	7.20	0.21
17.40	10.05	6.79	0.28	20.00	10.50	7.21	0.21
17.45	10.06	6.80	0.28	20.05	10.51	7.22	0.21
17.50	10.07	6.81	0.28	20.10	10.52	7.23	0.21
17.55	10.08	6.82	0.27	20.15	10.52	7.23	0.21
17.60	10.09	6.83	0.27	20.20	10.53	7.24	0.21
17.65	10.10	6.84	0.27	20.25	10.54	7.25	0.21
17.70	10.11	6.85	0.27	20.30	10.55	7.25	0.21
17.75	10.12	6.86	0.26	20.35	10.55	7.26	0.21
17.80	10.13	6.87	0.26	20.40	10.56	7.27	0.20
17.85	10.14	6.87	0.26	20.45	10.57	7.28	0.20
17.90	10.15	6.88	0.25	20.50	10.58	7.28	0.20
17.95	10.16	6.89	0.25	20.55	10.58	7.29	0.20
18.00	10.17	6.90	0.25	20.60	10.59	7.30	0.20
18.05	10.17	6.91	0.25	20.65	10.60	7.30	0.20
18.10	10.18	6.92	0.24	20.70	10.61	7.31	0.20
18.15	10.19	6.92	0.24	20.75	10.61	7.32	0.20

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.20	23.40	10.97	7.65	0.16
20.85	10.63	7.33	0.20	23.45	10.97	7.65	0.16
20.90	10.64	7.34	0.20	23.50	10.98	7.66	0.16
20.95	10.64	7.34	0.20	23.55	10.99	7.66	0.16
21.00	10.65	7.35	0.20	23.60	10.99	7.67	0.16
21.05	10.66	7.36	0.20	23.65	11.00	7.67	0.16
21.10	10.66	7.36	0.19	23.70	11.00	7.68	0.16
21.15	10.67	7.37	0.19	23.75	11.01	7.69	0.16
21.20	10.68	7.38	0.19	23.80	11.01	7.69	0.16
21.25	10.69	7.38	0.19	23.85	11.02	7.70	0.16
21.30	10.69	7.39	0.19	23.90	11.03	7.70	0.15
21.35	10.70	7.40	0.19	23.95	11.03	7.71	0.15
21.40	10.71	7.40	0.19	24.00	11.04	7.72	0.16
21.45	10.71	7.41	0.19	24.05	11.04	7.72	0.17
21.50	10.72	7.42	0.19	24.10	11.04	7.72	0.14
21.55	10.73	7.42	0.19	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.19	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.19	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.19	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.19	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.18	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.18	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.18	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.18	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.18	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.18	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.18	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.18	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.18	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.18	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.18	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.18	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.18	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.18	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.17	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.17	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.17	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.17	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.17	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.17	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.17	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.17	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.17	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.17	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.17	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.17	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.17	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.17	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.16	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.16	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.16	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.16	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 26P: PDA-26 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 27I: PDA-27 (impervious)

Runoff = 9.07 cfs @ 12.17 hrs, Volume= 0.808 af, Depth=10.80"
 Routed to Pond B-27 : Basin #27

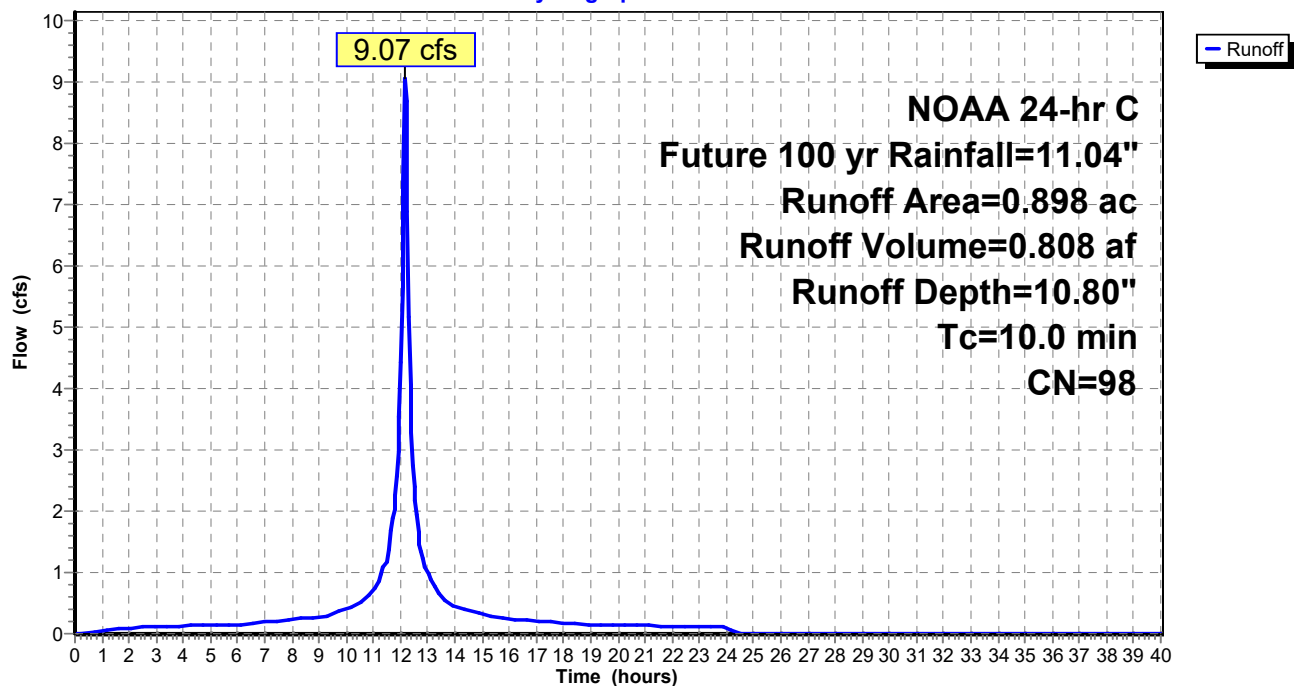
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.233	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.022	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 27I: PDA-27 (impervious)

Hydrograph



Hydrograph for Subcatchment 27I: PDA-27 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.14
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.22
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.23
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.23
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.23
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.23
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.23
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.24
5.55	0.80	0.59	0.15	8.15	1.36	1.15	0.24
5.60	0.80	0.60	0.15	8.20	1.38	1.16	0.24
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.24
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.24
5.75	0.83	0.63	0.15	8.35	1.42	1.20	0.25
5.80	0.84	0.64	0.15	8.40	1.43	1.21	0.25
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.25
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.25
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.25
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.26
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.26
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.26
6.15	0.90	0.70	0.16	8.75	1.54	1.32	0.26
6.20	0.91	0.71	0.16	8.80	1.55	1.33	0.26
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.27
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.27
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.27
6.40	0.95	0.74	0.17	9.00	1.61	1.39	0.27
6.45	0.96	0.75	0.17	9.05	1.63	1.41	0.27
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.28
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.28
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.29
6.65	1.00	0.79	0.18	9.25	1.70	1.47	0.30
6.70	1.01	0.80	0.18	9.30	1.72	1.49	0.31
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.31
6.80	1.03	0.82	0.18	9.40	1.75	1.53	0.32
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.33
6.90	1.05	0.84	0.19	9.50	1.79	1.57	0.34
6.95	1.07	0.85	0.19	9.55	1.81	1.59	0.34
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.35
7.05	1.09	0.88	0.19	9.65	1.85	1.63	0.36
7.10	1.10	0.89	0.20	9.70	1.88	1.65	0.37
7.15	1.11	0.90	0.20	9.75	1.90	1.67	0.37
7.20	1.12	0.91	0.20	9.80	1.92	1.69	0.38
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.39
7.30	1.15	0.93	0.20	9.90	1.97	1.74	0.40
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.40
7.40	1.17	0.96	0.21	10.00	2.01	1.79	0.41
7.45	1.18	0.97	0.21	10.05	2.04	1.81	0.42
7.50	1.19	0.98	0.21	10.10	2.06	1.84	0.43
7.55	1.21	0.99	0.21	10.15	2.09	1.86	0.43
7.60	1.22	1.00	0.22	10.20	2.11	1.89	0.44
7.65	1.23	1.02	0.22	10.25	2.14	1.91	0.45
7.70	1.24	1.03	0.22	10.30	2.17	1.94	0.46
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.46

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.47	13.00	8.39	8.15	1.01
10.45	2.25	2.02	0.48	13.05	8.43	8.19	0.96
10.50	2.28	2.05	0.49	13.10	8.48	8.24	0.90
10.55	2.31	2.08	0.50	13.15	8.52	8.28	0.85
10.60	2.34	2.11	0.51	13.20	8.56	8.32	0.81
10.65	2.37	2.14	0.53	13.25	8.60	8.36	0.77
10.70	2.41	2.18	0.56	13.30	8.63	8.39	0.74
10.75	2.44	2.21	0.59	13.35	8.67	8.43	0.71
10.80	2.48	2.25	0.61	13.40	8.70	8.46	0.68
10.85	2.52	2.29	0.64	13.45	8.73	8.49	0.65
10.90	2.56	2.33	0.67	13.50	8.76	8.52	0.62
10.95	2.61	2.38	0.70	13.55	8.79	8.55	0.59
11.00	2.65	2.42	0.73	13.60	8.82	8.58	0.56
11.05	2.70	2.47	0.76	13.65	8.85	8.61	0.54
11.10	2.75	2.52	0.80	13.70	8.87	8.63	0.52
11.15	2.80	2.57	0.84	13.75	8.90	8.66	0.50
11.20	2.86	2.63	0.89	13.80	8.93	8.69	0.49
11.25	2.92	2.69	0.95	13.85	8.95	8.71	0.48
11.30	2.98	2.75	1.00	13.90	8.98	8.74	0.48
11.35	3.05	2.82	1.05	13.95	9.00	8.76	0.47
11.40	3.12	2.89	1.11	14.00	9.03	8.79	0.46
11.45	3.19	2.96	1.16	14.05	9.05	8.81	0.45
11.50	3.26	3.03	1.21	14.10	9.07	8.83	0.45
11.55	3.37	3.14	1.27	14.15	9.10	8.86	0.44
11.60	3.49	3.25	1.44	14.20	9.12	8.88	0.43
11.65	3.60	3.37	1.68	14.25	9.14	8.90	0.42
11.70	3.72	3.49	1.88	14.30	9.16	8.92	0.42
11.75	3.88	3.65	2.02	14.35	9.19	8.95	0.41
11.80	4.04	3.81	2.25	14.40	9.21	8.97	0.40
11.85	4.27	4.03	2.56	14.45	9.23	8.99	0.39
11.90	4.49	4.25	2.99	14.50	9.25	9.01	0.39
11.95	4.88	4.64	3.55	14.55	9.27	9.03	0.38
12.00	5.26	5.02	4.45	14.60	9.29	9.05	0.37
12.05	5.91	5.67	5.66	14.65	9.31	9.07	0.36
12.10	6.55	6.31	7.35	14.70	9.32	9.08	0.36
12.15	6.77	6.53	8.95	14.75	9.34	9.10	0.35
12.20	7.00	6.76	8.69	14.80	9.36	9.12	0.34
12.25	7.16	6.92	6.89	14.85	9.38	9.14	0.33
12.30	7.32	7.08	5.19	14.90	9.40	9.15	0.33
12.35	7.44	7.20	4.07	14.95	9.41	9.17	0.32
12.40	7.55	7.31	3.30	15.00	9.43	9.19	0.31
12.45	7.67	7.43	2.75	15.05	9.44	9.20	0.30
12.50	7.78	7.54	2.40	15.10	9.46	9.22	0.30
12.55	7.85	7.61	2.18	15.15	9.47	9.23	0.29
12.60	7.92	7.68	1.94	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.66	15.25	9.50	9.26	0.28
12.70	8.06	7.82	1.46	15.30	9.52	9.28	0.28
12.75	8.12	7.88	1.34	15.35	9.53	9.29	0.27
12.80	8.18	7.94	1.25	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.18	15.45	9.56	9.32	0.27
12.90	8.29	8.05	1.12	15.50	9.58	9.34	0.27
12.95	8.34	8.10	1.07	15.55	9.59	9.35	0.27

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.26	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.26	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.26	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.26	18.40	10.24	9.99	0.16
15.85	9.68	9.44	0.25	18.45	10.24	10.00	0.16
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.16
15.95	9.70	9.46	0.25	18.55	10.26	10.02	0.16
16.00	9.72	9.48	0.25	18.60	10.27	10.03	0.16
16.05	9.73	9.49	0.25	18.65	10.28	10.04	0.16
16.10	9.74	9.50	0.24	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.16
16.20	9.77	9.53	0.24	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.24	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.24	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.23	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.23	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.23	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.23	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.22	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.22	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.22	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.22	19.40	10.40	10.16	0.15
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.15
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.15
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.21	19.60	10.44	10.20	0.15
17.05	9.97	9.73	0.21	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.21	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.15
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.15
17.25	10.02	9.78	0.20	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.20	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.19	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.19	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.18	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.18	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.18	20.45	10.57	10.33	0.14
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.14
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.17	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.17	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.17	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.14

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.14	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.11
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.11
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.09
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.03
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.13	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.13	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.12	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.12	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 27I: PDA-27 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 27P: PDA-27 (pervious)

Runoff = 9.90 cfs @ 12.17 hrs, Volume= 0.804 af, Depth= 9.30"
 Routed to Pond B-27 : Basin #27

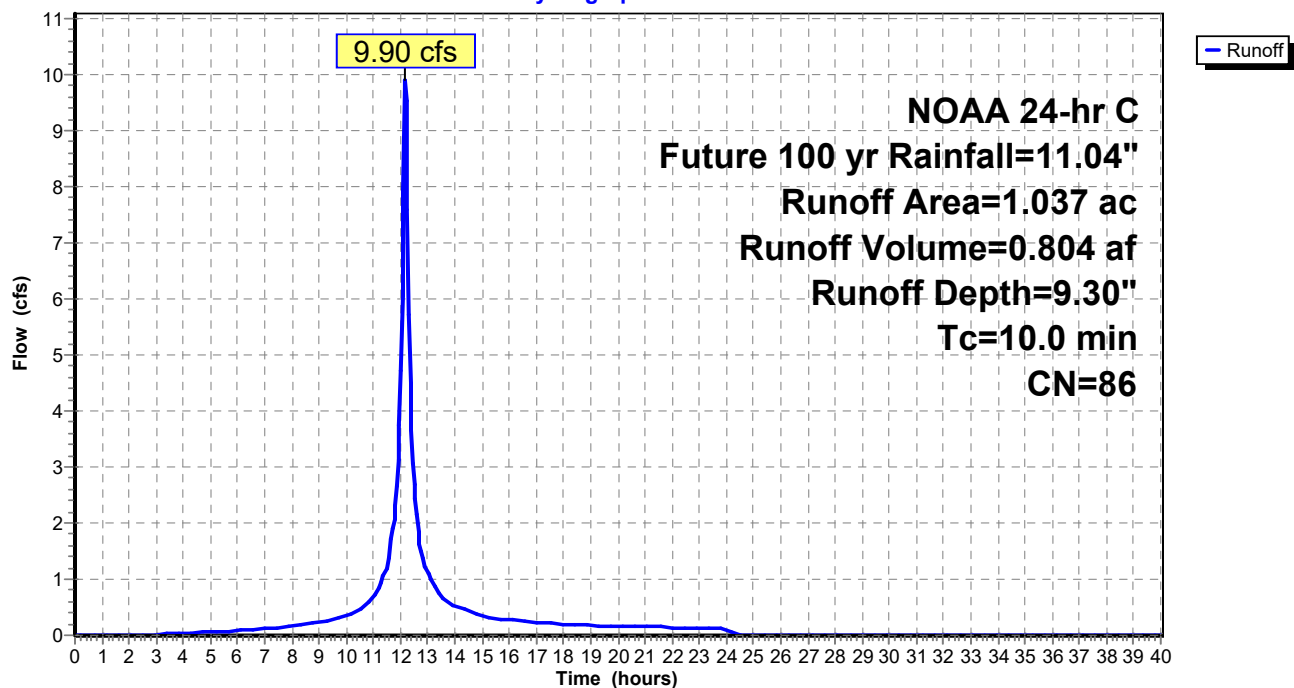
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.037	86	<50% Grass cover, Poor, HSG C
1.037		100.00% Pervious Area

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

Subcatchment 27P: PDA-27 (pervious)

Hydrograph



Hydrograph for Subcatchment 27P: PDA-27 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.01
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.01
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.01
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.01
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.01
0.60	0.07	0.00	0.00	3.20	0.42	0.01	0.01
0.65	0.08	0.00	0.00	3.25	0.43	0.01	0.01
0.70	0.08	0.00	0.00	3.30	0.43	0.01	0.01
0.75	0.09	0.00	0.00	3.35	0.44	0.01	0.02
0.80	0.10	0.00	0.00	3.40	0.45	0.01	0.02
0.85	0.10	0.00	0.00	3.45	0.46	0.01	0.02
0.90	0.11	0.00	0.00	3.50	0.46	0.01	0.02
0.95	0.11	0.00	0.00	3.55	0.47	0.01	0.02
1.00	0.12	0.00	0.00	3.60	0.48	0.01	0.02
1.05	0.13	0.00	0.00	3.65	0.49	0.01	0.02
1.10	0.13	0.00	0.00	3.70	0.49	0.02	0.02
1.15	0.14	0.00	0.00	3.75	0.50	0.02	0.03
1.20	0.15	0.00	0.00	3.80	0.51	0.02	0.03
1.25	0.15	0.00	0.00	3.85	0.52	0.02	0.03
1.30	0.16	0.00	0.00	3.90	0.52	0.02	0.03
1.35	0.16	0.00	0.00	3.95	0.53	0.02	0.03
1.40	0.17	0.00	0.00	4.00	0.54	0.03	0.03
1.45	0.18	0.00	0.00	4.05	0.55	0.03	0.03
1.50	0.18	0.00	0.00	4.10	0.56	0.03	0.03
1.55	0.19	0.00	0.00	4.15	0.56	0.03	0.04
1.60	0.20	0.00	0.00	4.20	0.57	0.03	0.04
1.65	0.20	0.00	0.00	4.25	0.58	0.03	0.04
1.70	0.21	0.00	0.00	4.30	0.59	0.04	0.04
1.75	0.22	0.00	0.00	4.35	0.60	0.04	0.04
1.80	0.22	0.00	0.00	4.40	0.60	0.04	0.04
1.85	0.23	0.00	0.00	4.45	0.61	0.04	0.04
1.90	0.24	0.00	0.00	4.50	0.62	0.05	0.04
1.95	0.24	0.00	0.00	4.55	0.63	0.05	0.05
2.00	0.25	0.00	0.00	4.60	0.64	0.05	0.05
2.05	0.26	0.00	0.00	4.65	0.64	0.05	0.05
2.10	0.26	0.00	0.00	4.70	0.65	0.05	0.05
2.15	0.27	0.00	0.00	4.75	0.66	0.06	0.05
2.20	0.28	0.00	0.00	4.80	0.67	0.06	0.05
2.25	0.28	0.00	0.00	4.85	0.68	0.06	0.05
2.30	0.29	0.00	0.00	4.90	0.69	0.07	0.05
2.35	0.30	0.00	0.00	4.95	0.69	0.07	0.05
2.40	0.30	0.00	0.00	5.00	0.70	0.07	0.06
2.45	0.31	0.00	0.00	5.05	0.71	0.07	0.06
2.50	0.32	0.00	0.00	5.10	0.72	0.08	0.06
2.55	0.33	0.00	0.00	5.15	0.73	0.08	0.06

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.08	0.06	7.80	1.27	0.35	0.15
5.25	0.74	0.09	0.06	7.85	1.28	0.35	0.16
5.30	0.75	0.09	0.06	7.90	1.30	0.36	0.16
5.35	0.76	0.09	0.06	7.95	1.31	0.37	0.16
5.40	0.77	0.10	0.07	8.00	1.32	0.38	0.16
5.45	0.78	0.10	0.07	8.05	1.34	0.39	0.17
5.50	0.79	0.10	0.07	8.10	1.35	0.40	0.17
5.55	0.80	0.11	0.07	8.15	1.36	0.40	0.17
5.60	0.80	0.11	0.07	8.20	1.38	0.41	0.17
5.65	0.81	0.11	0.07	8.25	1.39	0.42	0.18
5.70	0.82	0.12	0.07	8.30	1.40	0.43	0.18
5.75	0.83	0.12	0.07	8.35	1.42	0.44	0.18
5.80	0.84	0.12	0.07	8.40	1.43	0.45	0.18
5.85	0.85	0.13	0.08	8.45	1.45	0.46	0.19
5.90	0.86	0.13	0.08	8.50	1.46	0.47	0.19
5.95	0.87	0.13	0.08	8.55	1.48	0.48	0.19
6.00	0.87	0.14	0.08	8.60	1.49	0.49	0.20
6.05	0.88	0.14	0.08	8.65	1.51	0.50	0.20
6.10	0.89	0.15	0.08	8.70	1.52	0.51	0.20
6.15	0.90	0.15	0.08	8.75	1.54	0.52	0.20
6.20	0.91	0.16	0.08	8.80	1.55	0.53	0.21
6.25	0.92	0.16	0.09	8.85	1.57	0.54	0.21
6.30	0.93	0.16	0.09	8.90	1.58	0.55	0.21
6.35	0.94	0.17	0.09	8.95	1.60	0.56	0.21
6.40	0.95	0.17	0.09	9.00	1.61	0.57	0.22
6.45	0.96	0.18	0.09	9.05	1.63	0.58	0.22
6.50	0.97	0.18	0.10	9.10	1.64	0.59	0.22
6.55	0.98	0.19	0.10	9.15	1.66	0.60	0.23
6.60	0.99	0.19	0.10	9.20	1.68	0.61	0.24
6.65	1.00	0.20	0.10	9.25	1.70	0.63	0.24
6.70	1.01	0.20	0.10	9.30	1.72	0.64	0.25
6.75	1.02	0.21	0.11	9.35	1.73	0.65	0.26
6.80	1.03	0.21	0.11	9.40	1.75	0.67	0.26
6.85	1.04	0.22	0.11	9.45	1.77	0.68	0.27
6.90	1.05	0.23	0.11	9.50	1.79	0.69	0.28
6.95	1.07	0.23	0.12	9.55	1.81	0.71	0.29
7.00	1.08	0.24	0.12	9.60	1.83	0.72	0.29
7.05	1.09	0.24	0.12	9.65	1.85	0.74	0.30
7.10	1.10	0.25	0.12	9.70	1.88	0.76	0.31
7.15	1.11	0.26	0.12	9.75	1.90	0.77	0.32
7.20	1.12	0.26	0.13	9.80	1.92	0.79	0.33
7.25	1.13	0.27	0.13	9.85	1.94	0.81	0.33
7.30	1.15	0.27	0.13	9.90	1.97	0.82	0.34
7.35	1.16	0.28	0.13	9.95	1.99	0.84	0.35
7.40	1.17	0.29	0.14	10.00	2.01	0.86	0.36
7.45	1.18	0.30	0.14	10.05	2.04	0.88	0.37
7.50	1.19	0.30	0.14	10.10	2.06	0.90	0.37
7.55	1.21	0.31	0.14	10.15	2.09	0.92	0.38
7.60	1.22	0.32	0.15	10.20	2.11	0.94	0.39
7.65	1.23	0.32	0.15	10.25	2.14	0.96	0.40
7.70	1.24	0.33	0.15	10.30	2.17	0.98	0.41
7.75	1.26	0.34	0.15	10.35	2.19	1.00	0.42

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.02	0.43	13.00	8.39	6.71	1.13
10.45	2.25	1.04	0.43	13.05	8.43	6.75	1.08
10.50	2.28	1.06	0.44	13.10	8.48	6.80	1.02
10.55	2.31	1.09	0.45	13.15	8.52	6.83	0.96
10.60	2.34	1.11	0.47	13.20	8.56	6.87	0.91
10.65	2.37	1.14	0.49	13.25	8.60	6.91	0.87
10.70	2.41	1.17	0.52	13.30	8.63	6.95	0.83
10.75	2.44	1.20	0.55	13.35	8.67	6.98	0.80
10.80	2.48	1.23	0.57	13.40	8.70	7.01	0.76
10.85	2.52	1.26	0.60	13.45	8.73	7.04	0.73
10.90	2.56	1.29	0.63	13.50	8.76	7.07	0.70
10.95	2.61	1.33	0.66	13.55	8.79	7.10	0.67
11.00	2.65	1.37	0.69	13.60	8.82	7.13	0.64
11.05	2.70	1.41	0.72	13.65	8.85	7.16	0.61
11.10	2.75	1.45	0.77	13.70	8.87	7.18	0.58
11.15	2.80	1.50	0.81	13.75	8.90	7.21	0.57
11.20	2.86	1.54	0.87	13.80	8.93	7.23	0.55
11.25	2.92	1.60	0.92	13.85	8.95	7.26	0.55
11.30	2.98	1.65	0.98	13.90	8.98	7.28	0.54
11.35	3.05	1.71	1.03	13.95	9.00	7.31	0.53
11.40	3.12	1.76	1.09	14.00	9.03	7.33	0.52
11.45	3.19	1.83	1.15	14.05	9.05	7.35	0.51
11.50	3.26	1.89	1.20	14.10	9.07	7.38	0.50
11.55	3.37	1.99	1.28	14.15	9.10	7.40	0.49
11.60	3.49	2.09	1.46	14.20	9.12	7.42	0.49
11.65	3.60	2.19	1.71	14.25	9.14	7.44	0.48
11.70	3.72	2.29	1.91	14.30	9.16	7.46	0.47
11.75	3.88	2.44	2.08	14.35	9.19	7.49	0.46
11.80	4.04	2.58	2.32	14.40	9.21	7.51	0.45
11.85	4.27	2.79	2.66	14.45	9.23	7.53	0.44
11.90	4.49	2.99	3.12	14.50	9.25	7.55	0.43
11.95	4.88	3.35	3.74	14.55	9.27	7.56	0.43
12.00	5.26	3.71	4.72	14.60	9.29	7.58	0.42
12.05	5.91	4.32	6.06	14.65	9.31	7.60	0.41
12.10	6.55	4.93	7.95	14.70	9.32	7.62	0.40
12.15	6.77	5.15	9.74	14.75	9.34	7.64	0.39
12.20	7.00	5.36	9.52	14.80	9.36	7.66	0.38
12.25	7.16	5.52	7.57	14.85	9.38	7.67	0.38
12.30	7.32	5.67	5.72	14.90	9.40	7.69	0.37
12.35	7.44	5.79	4.50	14.95	9.41	7.71	0.36
12.40	7.55	5.90	3.66	15.00	9.43	7.72	0.35
12.45	7.67	6.01	3.06	15.05	9.44	7.74	0.34
12.50	7.78	6.12	2.68	15.10	9.46	7.75	0.33
12.55	7.85	6.19	2.44	15.15	9.47	7.77	0.33
12.60	7.92	6.26	2.16	15.20	9.49	7.78	0.32
12.65	7.99	6.32	1.85	15.25	9.50	7.80	0.32
12.70	8.06	6.39	1.63	15.30	9.52	7.81	0.31
12.75	8.12	6.45	1.49	15.35	9.53	7.83	0.31
12.80	8.18	6.51	1.40	15.40	9.55	7.84	0.31
12.85	8.24	6.56	1.33	15.45	9.56	7.85	0.31
12.90	8.29	6.61	1.26	15.50	9.58	7.87	0.30
12.95	8.34	6.66	1.20	15.55	9.59	7.88	0.30

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	7.90	0.30	18.20	10.20	8.48	0.18
15.65	9.62	7.91	0.30	18.25	10.21	8.49	0.18
15.70	9.64	7.92	0.29	18.30	10.22	8.49	0.18
15.75	9.65	7.94	0.29	18.35	10.23	8.50	0.18
15.80	9.66	7.95	0.29	18.40	10.24	8.51	0.18
15.85	9.68	7.96	0.29	18.45	10.24	8.52	0.18
15.90	9.69	7.98	0.29	18.50	10.25	8.53	0.18
15.95	9.70	7.99	0.28	18.55	10.26	8.54	0.18
16.00	9.72	8.00	0.28	18.60	10.27	8.55	0.18
16.05	9.73	8.02	0.28	18.65	10.28	8.55	0.18
16.10	9.74	8.03	0.28	18.70	10.29	8.56	0.18
16.15	9.76	8.04	0.27	18.75	10.30	8.57	0.18
16.20	9.77	8.06	0.27	18.80	10.30	8.58	0.18
16.25	9.78	8.07	0.27	18.85	10.31	8.59	0.17
16.30	9.80	8.08	0.27	18.90	10.32	8.60	0.17
16.35	9.81	8.09	0.27	18.95	10.33	8.60	0.17
16.40	9.82	8.11	0.26	19.00	10.34	8.61	0.17
16.45	9.83	8.12	0.26	19.05	10.35	8.62	0.17
16.50	9.85	8.13	0.26	19.10	10.35	8.63	0.17
16.55	9.86	8.14	0.26	19.15	10.36	8.64	0.17
16.60	9.87	8.15	0.25	19.20	10.37	8.64	0.17
16.65	9.88	8.17	0.25	19.25	10.38	8.65	0.17
16.70	9.89	8.18	0.25	19.30	10.39	8.66	0.17
16.75	9.91	8.19	0.25	19.35	10.40	8.67	0.17
16.80	9.92	8.20	0.25	19.40	10.40	8.68	0.17
16.85	9.93	8.21	0.24	19.45	10.41	8.68	0.17
16.90	9.94	8.22	0.24	19.50	10.42	8.69	0.17
16.95	9.95	8.23	0.24	19.55	10.43	8.70	0.17
17.00	9.96	8.24	0.24	19.60	10.44	8.71	0.17
17.05	9.97	8.26	0.23	19.65	10.44	8.72	0.17
17.10	9.99	8.27	0.23	19.70	10.45	8.72	0.17
17.15	10.00	8.28	0.23	19.75	10.46	8.73	0.16
17.20	10.01	8.29	0.23	19.80	10.47	8.74	0.16
17.25	10.02	8.30	0.23	19.85	10.48	8.75	0.16
17.30	10.03	8.31	0.22	19.90	10.48	8.76	0.16
17.35	10.04	8.32	0.22	19.95	10.49	8.76	0.16
17.40	10.05	8.33	0.22	20.00	10.50	8.77	0.16
17.45	10.06	8.34	0.22	20.05	10.51	8.78	0.16
17.50	10.07	8.35	0.21	20.10	10.52	8.79	0.16
17.55	10.08	8.36	0.21	20.15	10.52	8.79	0.16
17.60	10.09	8.37	0.21	20.20	10.53	8.80	0.16
17.65	10.10	8.38	0.21	20.25	10.54	8.81	0.16
17.70	10.11	8.39	0.20	20.30	10.55	8.82	0.16
17.75	10.12	8.40	0.20	20.35	10.55	8.82	0.16
17.80	10.13	8.41	0.20	20.40	10.56	8.83	0.16
17.85	10.14	8.42	0.20	20.45	10.57	8.84	0.16
17.90	10.15	8.42	0.20	20.50	10.58	8.85	0.16
17.95	10.16	8.43	0.19	20.55	10.58	8.85	0.16
18.00	10.17	8.44	0.19	20.60	10.59	8.86	0.16
18.05	10.17	8.45	0.19	20.65	10.60	8.87	0.16
18.10	10.18	8.46	0.19	20.70	10.61	8.88	0.15
18.15	10.19	8.47	0.18	20.75	10.61	8.88	0.15

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	8.89	0.15	23.40	10.97	9.23	0.12
20.85	10.63	8.90	0.15	23.45	10.97	9.24	0.12
20.90	10.64	8.90	0.15	23.50	10.98	9.24	0.12
20.95	10.64	8.91	0.15	23.55	10.99	9.25	0.12
21.00	10.65	8.92	0.15	23.60	10.99	9.25	0.12
21.05	10.66	8.93	0.15	23.65	11.00	9.26	0.12
21.10	10.66	8.93	0.15	23.70	11.00	9.26	0.12
21.15	10.67	8.94	0.15	23.75	11.01	9.27	0.12
21.20	10.68	8.95	0.15	23.80	11.01	9.28	0.12
21.25	10.69	8.95	0.15	23.85	11.02	9.28	0.12
21.30	10.69	8.96	0.15	23.90	11.03	9.29	0.12
21.35	10.70	8.97	0.15	23.95	11.03	9.29	0.12
21.40	10.71	8.97	0.15	24.00	11.04	9.30	0.12
21.45	10.71	8.98	0.15	24.05	11.04	9.30	0.13
21.50	10.72	8.99	0.15	24.10	11.04	9.30	0.11
21.55	10.73	9.00	0.14	24.15	11.04	9.30	0.06
21.60	10.74	9.00	0.14	24.20	11.04	9.30	0.03
21.65	10.74	9.01	0.14	24.25	11.04	9.30	0.01
21.70	10.75	9.02	0.14	24.30	11.04	9.30	0.01
21.75	10.76	9.02	0.14	24.35	11.04	9.30	0.00
21.80	10.76	9.03	0.14	24.40	11.04	9.30	0.00
21.85	10.77	9.04	0.14	24.45	11.04	9.30	0.00
21.90	10.78	9.04	0.14	24.50	11.04	9.30	0.00
21.95	10.78	9.05	0.14	24.55	11.04	9.30	0.00
22.00	10.79	9.06	0.14	24.60	11.04	9.30	0.00
22.05	10.80	9.06	0.14	24.65	11.04	9.30	0.00
22.10	10.80	9.07	0.14	24.70	11.04	9.30	0.00
22.15	10.81	9.08	0.14	24.75	11.04	9.30	0.00
22.20	10.82	9.08	0.14	24.80	11.04	9.30	0.00
22.25	10.82	9.09	0.14	24.85	11.04	9.30	0.00
22.30	10.83	9.10	0.14	24.90	11.04	9.30	0.00
22.35	10.84	9.10	0.14	24.95	11.04	9.30	0.00
22.40	10.84	9.11	0.14	25.00	11.04	9.30	0.00
22.45	10.85	9.11	0.13	25.05	11.04	9.30	0.00
22.50	10.86	9.12	0.13	25.10	11.04	9.30	0.00
22.55	10.86	9.13	0.13	25.15	11.04	9.30	0.00
22.60	10.87	9.13	0.13	25.20	11.04	9.30	0.00
22.65	10.88	9.14	0.13	25.25	11.04	9.30	0.00
22.70	10.88	9.15	0.13	25.30	11.04	9.30	0.00
22.75	10.89	9.15	0.13	25.35	11.04	9.30	0.00
22.80	10.89	9.16	0.13	25.40	11.04	9.30	0.00
22.85	10.90	9.16	0.13	25.45	11.04	9.30	0.00
22.90	10.91	9.17	0.13	25.50	11.04	9.30	0.00
22.95	10.91	9.18	0.13	25.55	11.04	9.30	0.00
23.00	10.92	9.18	0.13	25.60	11.04	9.30	0.00
23.05	10.93	9.19	0.13	25.65	11.04	9.30	0.00
23.10	10.93	9.19	0.13	25.70	11.04	9.30	0.00
23.15	10.94	9.20	0.13	25.75	11.04	9.30	0.00
23.20	10.94	9.21	0.13	25.80	11.04	9.30	0.00
23.25	10.95	9.21	0.13	25.85	11.04	9.30	0.00
23.30	10.96	9.22	0.12	25.90	11.04	9.30	0.00
23.35	10.96	9.22	0.12	25.95	11.04	9.30	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	9.30	0.00	28.60	11.04	9.30	0.00
26.05	11.04	9.30	0.00	28.65	11.04	9.30	0.00
26.10	11.04	9.30	0.00	28.70	11.04	9.30	0.00
26.15	11.04	9.30	0.00	28.75	11.04	9.30	0.00
26.20	11.04	9.30	0.00	28.80	11.04	9.30	0.00
26.25	11.04	9.30	0.00	28.85	11.04	9.30	0.00
26.30	11.04	9.30	0.00	28.90	11.04	9.30	0.00
26.35	11.04	9.30	0.00	28.95	11.04	9.30	0.00
26.40	11.04	9.30	0.00	29.00	11.04	9.30	0.00
26.45	11.04	9.30	0.00	29.05	11.04	9.30	0.00
26.50	11.04	9.30	0.00	29.10	11.04	9.30	0.00
26.55	11.04	9.30	0.00	29.15	11.04	9.30	0.00
26.60	11.04	9.30	0.00	29.20	11.04	9.30	0.00
26.65	11.04	9.30	0.00	29.25	11.04	9.30	0.00
26.70	11.04	9.30	0.00	29.30	11.04	9.30	0.00
26.75	11.04	9.30	0.00	29.35	11.04	9.30	0.00
26.80	11.04	9.30	0.00	29.40	11.04	9.30	0.00
26.85	11.04	9.30	0.00	29.45	11.04	9.30	0.00
26.90	11.04	9.30	0.00	29.50	11.04	9.30	0.00
26.95	11.04	9.30	0.00	29.55	11.04	9.30	0.00
27.00	11.04	9.30	0.00	29.60	11.04	9.30	0.00
27.05	11.04	9.30	0.00	29.65	11.04	9.30	0.00
27.10	11.04	9.30	0.00	29.70	11.04	9.30	0.00
27.15	11.04	9.30	0.00	29.75	11.04	9.30	0.00
27.20	11.04	9.30	0.00	29.80	11.04	9.30	0.00
27.25	11.04	9.30	0.00	29.85	11.04	9.30	0.00
27.30	11.04	9.30	0.00	29.90	11.04	9.30	0.00
27.35	11.04	9.30	0.00	29.95	11.04	9.30	0.00
27.40	11.04	9.30	0.00	30.00	11.04	9.30	0.00
27.45	11.04	9.30	0.00	30.05	11.04	9.30	0.00
27.50	11.04	9.30	0.00	30.10	11.04	9.30	0.00
27.55	11.04	9.30	0.00	30.15	11.04	9.30	0.00
27.60	11.04	9.30	0.00	30.20	11.04	9.30	0.00
27.65	11.04	9.30	0.00	30.25	11.04	9.30	0.00
27.70	11.04	9.30	0.00	30.30	11.04	9.30	0.00
27.75	11.04	9.30	0.00	30.35	11.04	9.30	0.00
27.80	11.04	9.30	0.00	30.40	11.04	9.30	0.00
27.85	11.04	9.30	0.00	30.45	11.04	9.30	0.00
27.90	11.04	9.30	0.00	30.50	11.04	9.30	0.00
27.95	11.04	9.30	0.00	30.55	11.04	9.30	0.00
28.00	11.04	9.30	0.00	30.60	11.04	9.30	0.00
28.05	11.04	9.30	0.00	30.65	11.04	9.30	0.00
28.10	11.04	9.30	0.00	30.70	11.04	9.30	0.00
28.15	11.04	9.30	0.00	30.75	11.04	9.30	0.00
28.20	11.04	9.30	0.00	30.80	11.04	9.30	0.00
28.25	11.04	9.30	0.00	30.85	11.04	9.30	0.00
28.30	11.04	9.30	0.00	30.90	11.04	9.30	0.00
28.35	11.04	9.30	0.00	30.95	11.04	9.30	0.00
28.40	11.04	9.30	0.00	31.00	11.04	9.30	0.00
28.45	11.04	9.30	0.00	31.05	11.04	9.30	0.00
28.50	11.04	9.30	0.00	31.10	11.04	9.30	0.00
28.55	11.04	9.30	0.00	31.15	11.04	9.30	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	9.30	0.00	33.80	11.04	9.30	0.00
31.25	11.04	9.30	0.00	33.85	11.04	9.30	0.00
31.30	11.04	9.30	0.00	33.90	11.04	9.30	0.00
31.35	11.04	9.30	0.00	33.95	11.04	9.30	0.00
31.40	11.04	9.30	0.00	34.00	11.04	9.30	0.00
31.45	11.04	9.30	0.00	34.05	11.04	9.30	0.00
31.50	11.04	9.30	0.00	34.10	11.04	9.30	0.00
31.55	11.04	9.30	0.00	34.15	11.04	9.30	0.00
31.60	11.04	9.30	0.00	34.20	11.04	9.30	0.00
31.65	11.04	9.30	0.00	34.25	11.04	9.30	0.00
31.70	11.04	9.30	0.00	34.30	11.04	9.30	0.00
31.75	11.04	9.30	0.00	34.35	11.04	9.30	0.00
31.80	11.04	9.30	0.00	34.40	11.04	9.30	0.00
31.85	11.04	9.30	0.00	34.45	11.04	9.30	0.00
31.90	11.04	9.30	0.00	34.50	11.04	9.30	0.00
31.95	11.04	9.30	0.00	34.55	11.04	9.30	0.00
32.00	11.04	9.30	0.00	34.60	11.04	9.30	0.00
32.05	11.04	9.30	0.00	34.65	11.04	9.30	0.00
32.10	11.04	9.30	0.00	34.70	11.04	9.30	0.00
32.15	11.04	9.30	0.00	34.75	11.04	9.30	0.00
32.20	11.04	9.30	0.00	34.80	11.04	9.30	0.00
32.25	11.04	9.30	0.00	34.85	11.04	9.30	0.00
32.30	11.04	9.30	0.00	34.90	11.04	9.30	0.00
32.35	11.04	9.30	0.00	34.95	11.04	9.30	0.00
32.40	11.04	9.30	0.00	35.00	11.04	9.30	0.00
32.45	11.04	9.30	0.00	35.05	11.04	9.30	0.00
32.50	11.04	9.30	0.00	35.10	11.04	9.30	0.00
32.55	11.04	9.30	0.00	35.15	11.04	9.30	0.00
32.60	11.04	9.30	0.00	35.20	11.04	9.30	0.00
32.65	11.04	9.30	0.00	35.25	11.04	9.30	0.00
32.70	11.04	9.30	0.00	35.30	11.04	9.30	0.00
32.75	11.04	9.30	0.00	35.35	11.04	9.30	0.00
32.80	11.04	9.30	0.00	35.40	11.04	9.30	0.00
32.85	11.04	9.30	0.00	35.45	11.04	9.30	0.00
32.90	11.04	9.30	0.00	35.50	11.04	9.30	0.00
32.95	11.04	9.30	0.00	35.55	11.04	9.30	0.00
33.00	11.04	9.30	0.00	35.60	11.04	9.30	0.00
33.05	11.04	9.30	0.00	35.65	11.04	9.30	0.00
33.10	11.04	9.30	0.00	35.70	11.04	9.30	0.00
33.15	11.04	9.30	0.00	35.75	11.04	9.30	0.00
33.20	11.04	9.30	0.00	35.80	11.04	9.30	0.00
33.25	11.04	9.30	0.00	35.85	11.04	9.30	0.00
33.30	11.04	9.30	0.00	35.90	11.04	9.30	0.00
33.35	11.04	9.30	0.00	35.95	11.04	9.30	0.00
33.40	11.04	9.30	0.00	36.00	11.04	9.30	0.00
33.45	11.04	9.30	0.00	36.05	11.04	9.30	0.00
33.50	11.04	9.30	0.00	36.10	11.04	9.30	0.00
33.55	11.04	9.30	0.00	36.15	11.04	9.30	0.00
33.60	11.04	9.30	0.00	36.20	11.04	9.30	0.00
33.65	11.04	9.30	0.00	36.25	11.04	9.30	0.00
33.70	11.04	9.30	0.00	36.30	11.04	9.30	0.00
33.75	11.04	9.30	0.00	36.35	11.04	9.30	0.00

Hydrograph for Subcatchment 27P: PDA-27 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	9.30	0.00	39.00	11.04	9.30	0.00
36.45	11.04	9.30	0.00	39.05	11.04	9.30	0.00
36.50	11.04	9.30	0.00	39.10	11.04	9.30	0.00
36.55	11.04	9.30	0.00	39.15	11.04	9.30	0.00
36.60	11.04	9.30	0.00	39.20	11.04	9.30	0.00
36.65	11.04	9.30	0.00	39.25	11.04	9.30	0.00
36.70	11.04	9.30	0.00	39.30	11.04	9.30	0.00
36.75	11.04	9.30	0.00	39.35	11.04	9.30	0.00
36.80	11.04	9.30	0.00	39.40	11.04	9.30	0.00
36.85	11.04	9.30	0.00	39.45	11.04	9.30	0.00
36.90	11.04	9.30	0.00	39.50	11.04	9.30	0.00
36.95	11.04	9.30	0.00	39.55	11.04	9.30	0.00
37.00	11.04	9.30	0.00	39.60	11.04	9.30	0.00
37.05	11.04	9.30	0.00	39.65	11.04	9.30	0.00
37.10	11.04	9.30	0.00	39.70	11.04	9.30	0.00
37.15	11.04	9.30	0.00	39.75	11.04	9.30	0.00
37.20	11.04	9.30	0.00	39.80	11.04	9.30	0.00
37.25	11.04	9.30	0.00	39.85	11.04	9.30	0.00
37.30	11.04	9.30	0.00	39.90	11.04	9.30	0.00
37.35	11.04	9.30	0.00	39.95	11.04	9.30	0.00
37.40	11.04	9.30	0.00	40.00	11.04	9.30	0.00
37.45	11.04	9.30	0.00				
37.50	11.04	9.30	0.00				
37.55	11.04	9.30	0.00				
37.60	11.04	9.30	0.00				
37.65	11.04	9.30	0.00				
37.70	11.04	9.30	0.00				
37.75	11.04	9.30	0.00				
37.80	11.04	9.30	0.00				
37.85	11.04	9.30	0.00				
37.90	11.04	9.30	0.00				
37.95	11.04	9.30	0.00				
38.00	11.04	9.30	0.00				
38.05	11.04	9.30	0.00				
38.10	11.04	9.30	0.00				
38.15	11.04	9.30	0.00				
38.20	11.04	9.30	0.00				
38.25	11.04	9.30	0.00				
38.30	11.04	9.30	0.00				
38.35	11.04	9.30	0.00				
38.40	11.04	9.30	0.00				
38.45	11.04	9.30	0.00				
38.50	11.04	9.30	0.00				
38.55	11.04	9.30	0.00				
38.60	11.04	9.30	0.00				
38.65	11.04	9.30	0.00				
38.70	11.04	9.30	0.00				
38.75	11.04	9.30	0.00				
38.80	11.04	9.30	0.00				
38.85	11.04	9.30	0.00				
38.90	11.04	9.30	0.00				
38.95	11.04	9.30	0.00				

Summary for Subcatchment 28I: PDA-28 (impervious)

Runoff = 8.21 cfs @ 12.17 hrs, Volume= 0.732 af, Depth=10.80"
 Routed to Pond B-28 : Basin #28

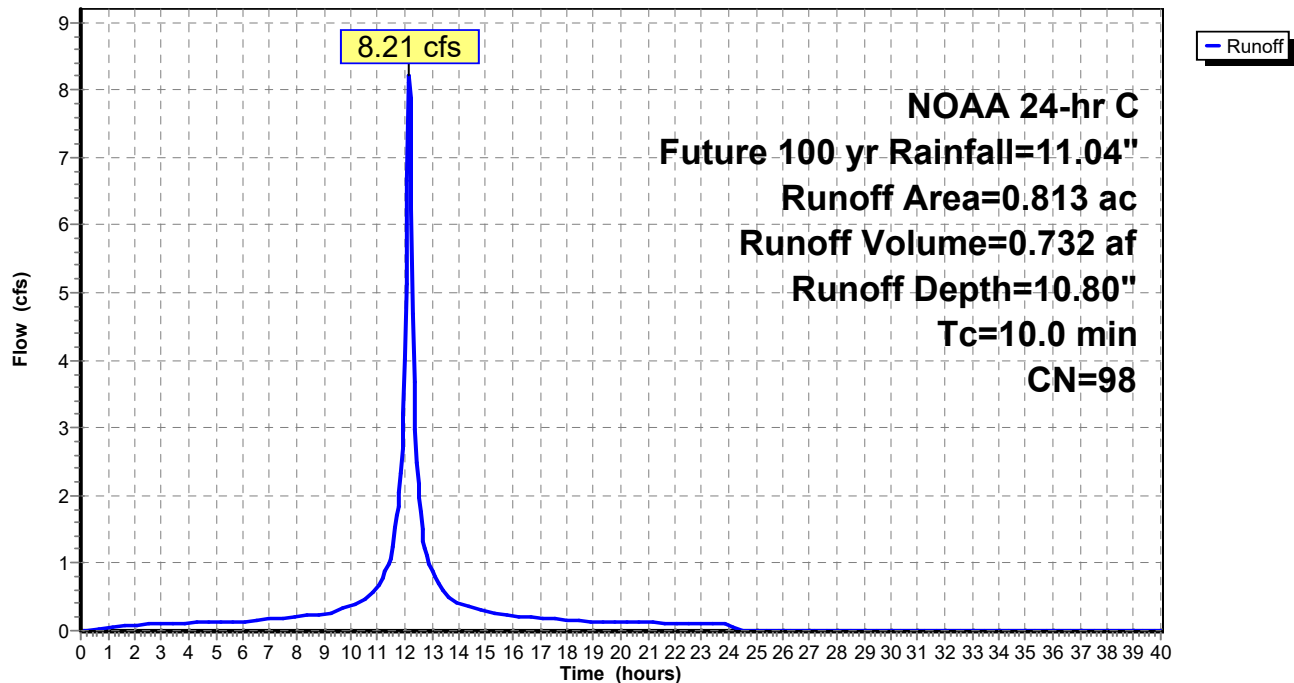
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.541	98	Roof, HSG C
* 0.037	98	Concrete, HSC C
0.813	98	Weighted Average
0.813		100.00% Impervious Area

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

Subcatchment 28I: PDA-28 (impervious)

Hydrograph



Hydrograph for Subcatchment 28I: PDA-28 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.10
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.10
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.10
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.10
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.10
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.10
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.10
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.11
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.11
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.11
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.11
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.11
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.11
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.11
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.11
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.11
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.11
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.11
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.12
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.12
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.12
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.12
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.12
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.12
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.12
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.12
1.95	0.24	0.10	0.08	4.55	0.63	0.44	0.12
2.00	0.25	0.11	0.08	4.60	0.64	0.44	0.12
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.12
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.12
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.12
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.09	4.95	0.69	0.50	0.13
2.40	0.30	0.15	0.09	5.00	0.70	0.51	0.13
2.45	0.31	0.15	0.09	5.05	0.71	0.51	0.13
2.50	0.32	0.16	0.09	5.10	0.72	0.52	0.13
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.13

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.13	7.80	1.27	1.05	0.20
5.25	0.74	0.55	0.13	7.85	1.28	1.07	0.20
5.30	0.75	0.55	0.13	7.90	1.30	1.08	0.21
5.35	0.76	0.56	0.13	7.95	1.31	1.09	0.21
5.40	0.77	0.57	0.13	8.00	1.32	1.11	0.21
5.45	0.78	0.58	0.13	8.05	1.34	1.12	0.21
5.50	0.79	0.59	0.13	8.10	1.35	1.13	0.21
5.55	0.80	0.59	0.13	8.15	1.36	1.15	0.22
5.60	0.80	0.60	0.13	8.20	1.38	1.16	0.22
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.22
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.22
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.22
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.22
5.85	0.85	0.64	0.14	8.45	1.45	1.23	0.23
5.90	0.86	0.65	0.14	8.50	1.46	1.24	0.23
5.95	0.87	0.66	0.14	8.55	1.48	1.26	0.23
6.00	0.87	0.67	0.14	8.60	1.49	1.27	0.23
6.05	0.88	0.68	0.14	8.65	1.51	1.29	0.23
6.10	0.89	0.69	0.14	8.70	1.52	1.30	0.24
6.15	0.90	0.70	0.14	8.75	1.54	1.32	0.24
6.20	0.91	0.71	0.14	8.80	1.55	1.33	0.24
6.25	0.92	0.71	0.15	8.85	1.57	1.35	0.24
6.30	0.93	0.72	0.15	8.90	1.58	1.36	0.24
6.35	0.94	0.73	0.15	8.95	1.60	1.38	0.24
6.40	0.95	0.74	0.15	9.00	1.61	1.39	0.25
6.45	0.96	0.75	0.15	9.05	1.63	1.41	0.25
6.50	0.97	0.76	0.15	9.10	1.64	1.42	0.25
6.55	0.98	0.77	0.16	9.15	1.66	1.44	0.26
6.60	0.99	0.78	0.16	9.20	1.68	1.46	0.26
6.65	1.00	0.79	0.16	9.25	1.70	1.47	0.27
6.70	1.01	0.80	0.16	9.30	1.72	1.49	0.28
6.75	1.02	0.81	0.16	9.35	1.73	1.51	0.28
6.80	1.03	0.82	0.17	9.40	1.75	1.53	0.29
6.85	1.04	0.83	0.17	9.45	1.77	1.55	0.30
6.90	1.05	0.84	0.17	9.50	1.79	1.57	0.30
6.95	1.07	0.85	0.17	9.55	1.81	1.59	0.31
7.00	1.08	0.87	0.17	9.60	1.83	1.61	0.32
7.05	1.09	0.88	0.17	9.65	1.85	1.63	0.32
7.10	1.10	0.89	0.18	9.70	1.88	1.65	0.33
7.15	1.11	0.90	0.18	9.75	1.90	1.67	0.34
7.20	1.12	0.91	0.18	9.80	1.92	1.69	0.34
7.25	1.13	0.92	0.18	9.85	1.94	1.72	0.35
7.30	1.15	0.93	0.18	9.90	1.97	1.74	0.36
7.35	1.16	0.94	0.19	9.95	1.99	1.76	0.37
7.40	1.17	0.96	0.19	10.00	2.01	1.79	0.37
7.45	1.18	0.97	0.19	10.05	2.04	1.81	0.38
7.50	1.19	0.98	0.19	10.10	2.06	1.84	0.39
7.55	1.21	0.99	0.19	10.15	2.09	1.86	0.39
7.60	1.22	1.00	0.20	10.20	2.11	1.89	0.40
7.65	1.23	1.02	0.20	10.25	2.14	1.91	0.41
7.70	1.24	1.03	0.20	10.30	2.17	1.94	0.41
7.75	1.26	1.04	0.20	10.35	2.19	1.97	0.42

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.43	13.00	8.39	8.15	0.92
10.45	2.25	2.02	0.43	13.05	8.43	8.19	0.87
10.50	2.28	2.05	0.44	13.10	8.48	8.24	0.82
10.55	2.31	2.08	0.45	13.15	8.52	8.28	0.77
10.60	2.34	2.11	0.46	13.20	8.56	8.32	0.73
10.65	2.37	2.14	0.48	13.25	8.60	8.36	0.70
10.70	2.41	2.18	0.51	13.30	8.63	8.39	0.67
10.75	2.44	2.21	0.53	13.35	8.67	8.43	0.64
10.80	2.48	2.25	0.56	13.40	8.70	8.46	0.62
10.85	2.52	2.29	0.58	13.45	8.73	8.49	0.59
10.90	2.56	2.33	0.61	13.50	8.76	8.52	0.56
10.95	2.61	2.38	0.63	13.55	8.79	8.55	0.54
11.00	2.65	2.42	0.66	13.60	8.82	8.58	0.51
11.05	2.70	2.47	0.69	13.65	8.85	8.61	0.49
11.10	2.75	2.52	0.72	13.70	8.87	8.63	0.47
11.15	2.80	2.57	0.76	13.75	8.90	8.66	0.46
11.20	2.86	2.63	0.81	13.80	8.93	8.69	0.45
11.25	2.92	2.69	0.86	13.85	8.95	8.71	0.44
11.30	2.98	2.75	0.90	13.90	8.98	8.74	0.43
11.35	3.05	2.82	0.95	13.95	9.00	8.76	0.42
11.40	3.12	2.89	1.00	14.00	9.03	8.79	0.42
11.45	3.19	2.96	1.05	14.05	9.05	8.81	0.41
11.50	3.26	3.03	1.09	14.10	9.07	8.83	0.40
11.55	3.37	3.14	1.15	14.15	9.10	8.86	0.40
11.60	3.49	3.25	1.31	14.20	9.12	8.88	0.39
11.65	3.60	3.37	1.52	14.25	9.14	8.90	0.38
11.70	3.72	3.49	1.70	14.30	9.16	8.92	0.38
11.75	3.88	3.65	1.83	14.35	9.19	8.95	0.37
11.80	4.04	3.81	2.03	14.40	9.21	8.97	0.36
11.85	4.27	4.03	2.32	14.45	9.23	8.99	0.36
11.90	4.49	4.25	2.71	14.50	9.25	9.01	0.35
11.95	4.88	4.64	3.22	14.55	9.27	9.03	0.34
12.00	5.26	5.02	4.03	14.60	9.29	9.05	0.34
12.05	5.91	5.67	5.13	14.65	9.31	9.07	0.33
12.10	6.55	6.31	6.66	14.70	9.32	9.08	0.32
12.15	6.77	6.53	8.10	14.75	9.34	9.10	0.32
12.20	7.00	6.76	7.87	14.80	9.36	9.12	0.31
12.25	7.16	6.92	6.23	14.85	9.38	9.14	0.30
12.30	7.32	7.08	4.70	14.90	9.40	9.15	0.30
12.35	7.44	7.20	3.68	14.95	9.41	9.17	0.29
12.40	7.55	7.31	2.98	15.00	9.43	9.19	0.28
12.45	7.67	7.43	2.49	15.05	9.44	9.20	0.27
12.50	7.78	7.54	2.17	15.10	9.46	9.22	0.27
12.55	7.85	7.61	1.98	15.15	9.47	9.23	0.26
12.60	7.92	7.68	1.75	15.20	9.49	9.25	0.26
12.65	7.99	7.75	1.50	15.25	9.50	9.26	0.25
12.70	8.06	7.82	1.32	15.30	9.52	9.28	0.25
12.75	8.12	7.88	1.21	15.35	9.53	9.29	0.25
12.80	8.18	7.94	1.13	15.40	9.55	9.31	0.25
12.85	8.24	8.00	1.07	15.45	9.56	9.32	0.24
12.90	8.29	8.05	1.02	15.50	9.58	9.34	0.24
12.95	8.34	8.10	0.97	15.55	9.59	9.35	0.24

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.24	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.24	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.24	18.30	10.22	9.98	0.14
15.75	9.65	9.41	0.23	18.35	10.23	9.99	0.14
15.80	9.66	9.42	0.23	18.40	10.24	9.99	0.14
15.85	9.68	9.44	0.23	18.45	10.24	10.00	0.14
15.90	9.69	9.45	0.23	18.50	10.25	10.01	0.14
15.95	9.70	9.46	0.23	18.55	10.26	10.02	0.14
16.00	9.72	9.48	0.22	18.60	10.27	10.03	0.14
16.05	9.73	9.49	0.22	18.65	10.28	10.04	0.14
16.10	9.74	9.50	0.22	18.70	10.29	10.05	0.14
16.15	9.76	9.52	0.22	18.75	10.30	10.05	0.14
16.20	9.77	9.53	0.22	18.80	10.30	10.06	0.14
16.25	9.78	9.54	0.22	18.85	10.31	10.07	0.14
16.30	9.80	9.55	0.21	18.90	10.32	10.08	0.14
16.35	9.81	9.57	0.21	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.21	19.00	10.34	10.10	0.14
16.45	9.83	9.59	0.21	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.21	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.20	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.20	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.20	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.20	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.20	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.20	19.40	10.40	10.16	0.13
16.85	9.93	9.69	0.19	19.45	10.41	10.17	0.13
16.90	9.94	9.70	0.19	19.50	10.42	10.18	0.13
16.95	9.95	9.71	0.19	19.55	10.43	10.19	0.13
17.00	9.96	9.72	0.19	19.60	10.44	10.20	0.13
17.05	9.97	9.73	0.19	19.65	10.44	10.20	0.13
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.13
17.15	10.00	9.76	0.18	19.75	10.46	10.22	0.13
17.20	10.01	9.77	0.18	19.80	10.47	10.23	0.13
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.13
17.30	10.03	9.79	0.18	19.90	10.48	10.24	0.13
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.13
17.40	10.05	9.81	0.17	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.17	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.17	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.17	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.17	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.16	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.16	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.12
17.95	10.16	9.92	0.15	20.55	10.58	10.34	0.12
18.00	10.17	9.92	0.15	20.60	10.59	10.35	0.12
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.12
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.12
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.12

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.12	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.12	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.12	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.12	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.12	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.09
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.09
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.08
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.05
21.60	10.74	10.49	0.11	24.20	11.04	10.80	0.02
21.65	10.74	10.50	0.11	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.11	24.30	11.04	10.80	0.01
21.75	10.76	10.52	0.11	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.11	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.11	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.11	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.11	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.11	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.11	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.10	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.10	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.10	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.10	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.10	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.10	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.10	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.10	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 28I: PDA-28 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 28P: PDA-28 (pervious)

Runoff = 12.69 cfs @ 12.17 hrs, Volume= 0.977 af, Depth= 7.72"
 Routed to Pond B-28 : Basin #28

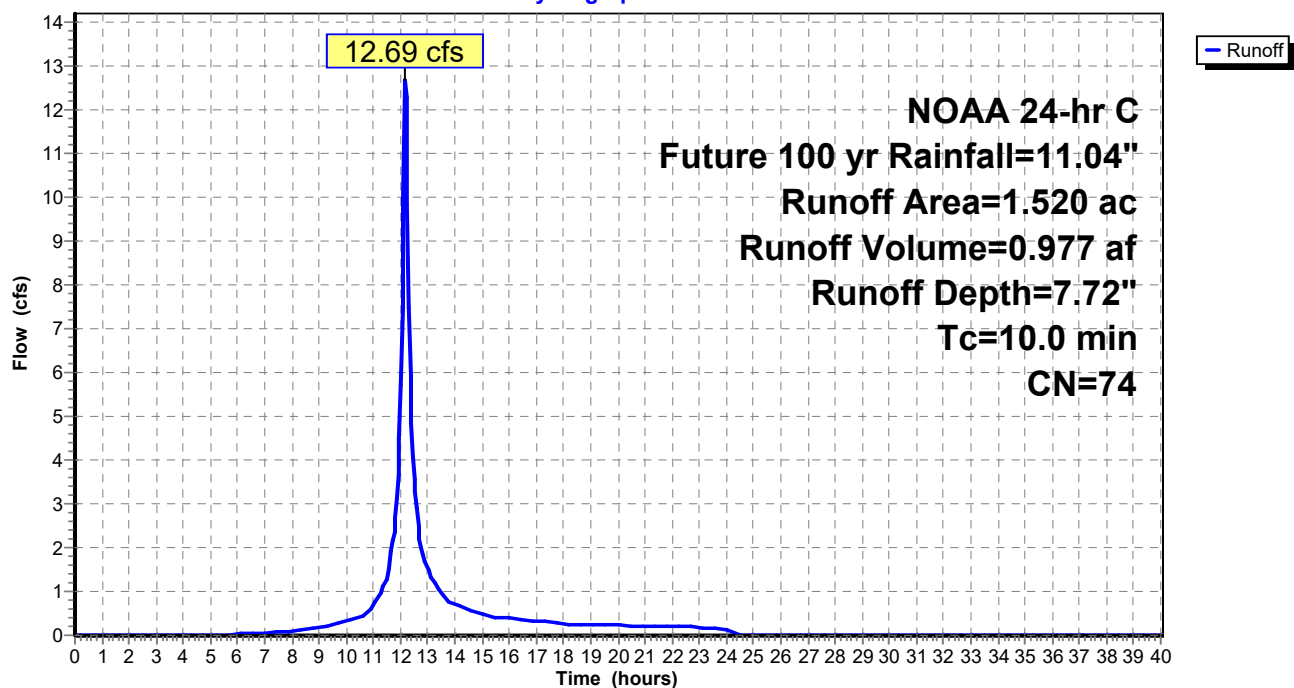
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.520	74	>75% Grass cover, Good, HSG C
1.520		100.00% Pervious Area

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

Subcatchment 28P: PDA-28 (pervious)

Hydrograph



Hydrograph for Subcatchment 28P: PDA-28 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.10
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.11
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.11
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.12
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.12
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.13
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.13
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.13
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.14
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.14
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.14
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.15
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.15
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.15
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.16
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.16
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.16
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.17
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.17
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.17
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.18
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.19
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.20
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.21
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.22
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.22
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.23
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.24
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.25
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.26
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.26
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.27
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.28
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.29
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.30
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.31
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.32
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.33
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.34
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.35
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.36
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.37
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.38
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.39

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.40	13.00	8.39	5.28	1.54
10.45	2.25	0.47	0.41	13.05	8.43	5.32	1.46
10.50	2.28	0.49	0.42	13.10	8.48	5.36	1.38
10.55	2.31	0.50	0.43	13.15	8.52	5.39	1.30
10.60	2.34	0.52	0.45	13.20	8.56	5.43	1.23
10.65	2.37	0.54	0.48	13.25	8.60	5.46	1.18
10.70	2.41	0.56	0.50	13.30	8.63	5.50	1.13
10.75	2.44	0.58	0.53	13.35	8.67	5.53	1.09
10.80	2.48	0.60	0.57	13.40	8.70	5.56	1.04
10.85	2.52	0.62	0.60	13.45	8.73	5.59	1.00
10.90	2.56	0.64	0.63	13.50	8.76	5.61	0.96
10.95	2.61	0.67	0.67	13.55	8.79	5.64	0.91
11.00	2.65	0.69	0.70	13.60	8.82	5.67	0.87
11.05	2.70	0.72	0.74	13.65	8.85	5.69	0.83
11.10	2.75	0.75	0.79	13.70	8.87	5.71	0.80
11.15	2.80	0.79	0.84	13.75	8.90	5.74	0.78
11.20	2.86	0.82	0.90	13.80	8.93	5.76	0.76
11.25	2.92	0.86	0.97	13.85	8.95	5.79	0.75
11.30	2.98	0.90	1.03	13.90	8.98	5.81	0.73
11.35	3.05	0.94	1.10	13.95	9.00	5.83	0.72
11.40	3.12	0.98	1.17	14.00	9.03	5.85	0.71
11.45	3.19	1.03	1.24	14.05	9.05	5.88	0.70
11.50	3.26	1.08	1.31	14.10	9.07	5.90	0.69
11.55	3.37	1.15	1.41	14.15	9.10	5.92	0.68
11.60	3.49	1.23	1.62	14.20	9.12	5.94	0.67
11.65	3.60	1.31	1.91	14.25	9.14	5.96	0.65
11.70	3.72	1.39	2.17	14.30	9.16	5.98	0.64
11.75	3.88	1.51	2.37	14.35	9.19	6.00	0.63
11.80	4.04	1.63	2.68	14.40	9.21	6.02	0.62
11.85	4.27	1.79	3.10	14.45	9.23	6.04	0.61
11.90	4.49	1.96	3.69	14.50	9.25	6.06	0.60
11.95	4.88	2.27	4.47	14.55	9.27	6.07	0.59
12.00	5.26	2.57	5.73	14.60	9.29	6.09	0.57
12.05	5.91	3.11	7.48	14.65	9.31	6.11	0.56
12.10	6.55	3.65	9.98	14.70	9.32	6.13	0.55
12.15	6.77	3.85	12.43	14.75	9.34	6.14	0.54
12.20	7.00	4.04	12.29	14.80	9.36	6.16	0.53
12.25	7.16	4.18	9.85	14.85	9.38	6.17	0.52
12.30	7.32	4.32	7.50	14.90	9.40	6.19	0.51
12.35	7.44	4.43	5.94	14.95	9.41	6.21	0.49
12.40	7.55	4.53	4.85	15.00	9.43	6.22	0.48
12.45	7.67	4.63	4.07	15.05	9.44	6.23	0.47
12.50	7.78	4.73	3.58	15.10	9.46	6.25	0.46
12.55	7.85	4.79	3.26	15.15	9.47	6.26	0.45
12.60	7.92	4.86	2.90	15.20	9.49	6.28	0.44
12.65	7.99	4.92	2.50	15.25	9.50	6.29	0.43
12.70	8.06	4.98	2.20	15.30	9.52	6.30	0.43
12.75	8.12	5.03	2.02	15.35	9.53	6.32	0.43
12.80	8.18	5.09	1.89	15.40	9.55	6.33	0.42
12.85	8.24	5.14	1.80	15.45	9.56	6.34	0.42
12.90	8.29	5.19	1.71	15.50	9.58	6.36	0.42
12.95	8.34	5.23	1.62	15.55	9.59	6.37	0.41

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.41	18.20	10.20	6.93	0.25
15.65	9.62	6.40	0.41	18.25	10.21	6.94	0.25
15.70	9.64	6.41	0.41	18.30	10.22	6.95	0.25
15.75	9.65	6.42	0.40	18.35	10.23	6.96	0.25
15.80	9.66	6.44	0.40	18.40	10.24	6.97	0.25
15.85	9.68	6.45	0.40	18.45	10.24	6.97	0.25
15.90	9.69	6.46	0.39	18.50	10.25	6.98	0.25
15.95	9.70	6.47	0.39	18.55	10.26	6.99	0.25
16.00	9.72	6.49	0.39	18.60	10.27	7.00	0.25
16.05	9.73	6.50	0.38	18.65	10.28	7.01	0.25
16.10	9.74	6.51	0.38	18.70	10.29	7.01	0.24
16.15	9.76	6.52	0.38	18.75	10.30	7.02	0.24
16.20	9.77	6.54	0.38	18.80	10.30	7.03	0.24
16.25	9.78	6.55	0.37	18.85	10.31	7.04	0.24
16.30	9.80	6.56	0.37	18.90	10.32	7.04	0.24
16.35	9.81	6.57	0.37	18.95	10.33	7.05	0.24
16.40	9.82	6.58	0.36	19.00	10.34	7.06	0.24
16.45	9.83	6.59	0.36	19.05	10.35	7.07	0.24
16.50	9.85	6.60	0.36	19.10	10.35	7.08	0.24
16.55	9.86	6.62	0.35	19.15	10.36	7.08	0.24
16.60	9.87	6.63	0.35	19.20	10.37	7.09	0.24
16.65	9.88	6.64	0.35	19.25	10.38	7.10	0.24
16.70	9.89	6.65	0.35	19.30	10.39	7.11	0.24
16.75	9.91	6.66	0.34	19.35	10.40	7.11	0.24
16.80	9.92	6.67	0.34	19.40	10.40	7.12	0.23
16.85	9.93	6.68	0.34	19.45	10.41	7.13	0.23
16.90	9.94	6.69	0.33	19.50	10.42	7.14	0.23
16.95	9.95	6.70	0.33	19.55	10.43	7.14	0.23
17.00	9.96	6.71	0.33	19.60	10.44	7.15	0.23
17.05	9.97	6.72	0.32	19.65	10.44	7.16	0.23
17.10	9.99	6.73	0.32	19.70	10.45	7.17	0.23
17.15	10.00	6.74	0.32	19.75	10.46	7.17	0.23
17.20	10.01	6.75	0.31	19.80	10.47	7.18	0.23
17.25	10.02	6.76	0.31	19.85	10.48	7.19	0.23
17.30	10.03	6.77	0.31	19.90	10.48	7.20	0.23
17.35	10.04	6.78	0.30	19.95	10.49	7.20	0.23
17.40	10.05	6.79	0.30	20.00	10.50	7.21	0.23
17.45	10.06	6.80	0.30	20.05	10.51	7.22	0.22
17.50	10.07	6.81	0.30	20.10	10.52	7.23	0.22
17.55	10.08	6.82	0.29	20.15	10.52	7.23	0.22
17.60	10.09	6.83	0.29	20.20	10.53	7.24	0.22
17.65	10.10	6.84	0.29	20.25	10.54	7.25	0.22
17.70	10.11	6.85	0.28	20.30	10.55	7.25	0.22
17.75	10.12	6.86	0.28	20.35	10.55	7.26	0.22
17.80	10.13	6.87	0.28	20.40	10.56	7.27	0.22
17.85	10.14	6.87	0.27	20.45	10.57	7.28	0.22
17.90	10.15	6.88	0.27	20.50	10.58	7.28	0.22
17.95	10.16	6.89	0.27	20.55	10.58	7.29	0.22
18.00	10.17	6.90	0.27	20.60	10.59	7.30	0.22
18.05	10.17	6.91	0.26	20.65	10.60	7.30	0.22
18.10	10.18	6.92	0.26	20.70	10.61	7.31	0.22
18.15	10.19	6.92	0.26	20.75	10.61	7.32	0.21

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.21	23.40	10.97	7.65	0.17
20.85	10.63	7.33	0.21	23.45	10.97	7.65	0.17
20.90	10.64	7.34	0.21	23.50	10.98	7.66	0.17
20.95	10.64	7.34	0.21	23.55	10.99	7.66	0.17
21.00	10.65	7.35	0.21	23.60	10.99	7.67	0.17
21.05	10.66	7.36	0.21	23.65	11.00	7.67	0.17
21.10	10.66	7.36	0.21	23.70	11.00	7.68	0.17
21.15	10.67	7.37	0.21	23.75	11.01	7.69	0.17
21.20	10.68	7.38	0.21	23.80	11.01	7.69	0.17
21.25	10.69	7.38	0.21	23.85	11.02	7.70	0.17
21.30	10.69	7.39	0.21	23.90	11.03	7.70	0.16
21.35	10.70	7.40	0.21	23.95	11.03	7.71	0.17
21.40	10.71	7.40	0.20	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.20	24.05	11.04	7.72	0.18
21.50	10.72	7.42	0.20	24.10	11.04	7.72	0.15
21.55	10.73	7.42	0.20	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.20	24.20	11.04	7.72	0.04
21.65	10.74	7.44	0.20	24.25	11.04	7.72	0.02
21.70	10.75	7.44	0.20	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.20	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.20	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.20	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.20	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.20	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.19	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.19	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.19	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.19	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.19	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.19	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.19	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.19	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.19	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.19	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.19	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.19	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.19	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.19	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.18	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.18	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.18	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.18	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.18	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.18	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.18	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.18	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.18	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.18	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.18	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.17	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.17	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.17	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 28P: PDA-28 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment UPDA-2: PDA-2 (undetained)

Runoff = 78.50 cfs @ 12.17 hrs, Volume= 6.047 af, Depth= 7.72"

Routed to Link PDA-2 : Proposed Drainage Area #2

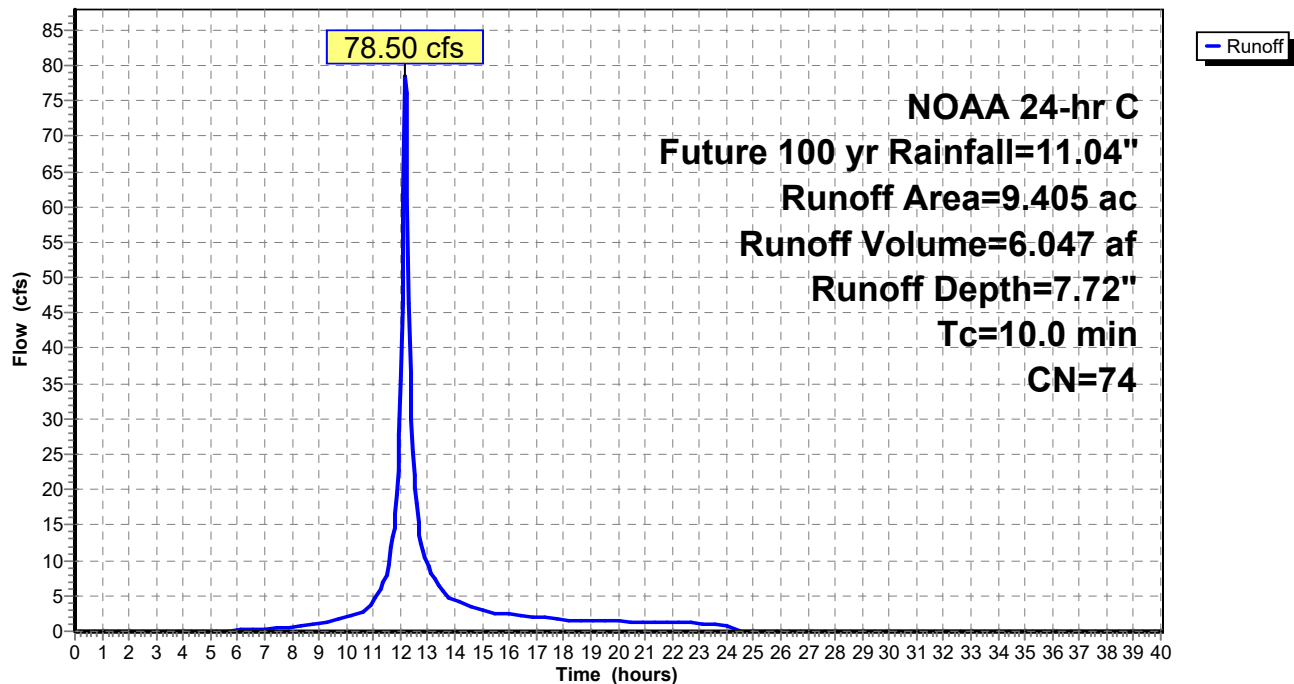
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
9.405	74	>75% Grass cover, Good, HSG C
9.405		100.00% Pervious Area

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

Subcatchment UPDA-2: PDA-2 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.01	7.80	1.27	0.08	0.58
5.25	0.74	0.00	0.02	7.85	1.28	0.08	0.60
5.30	0.75	0.00	0.02	7.90	1.30	0.09	0.62
5.35	0.76	0.00	0.03	7.95	1.31	0.09	0.63
5.40	0.77	0.00	0.04	8.00	1.32	0.09	0.65
5.45	0.78	0.00	0.04	8.05	1.34	0.10	0.67
5.50	0.79	0.00	0.05	8.10	1.35	0.10	0.69
5.55	0.80	0.00	0.06	8.15	1.36	0.10	0.70
5.60	0.80	0.00	0.07	8.20	1.38	0.11	0.72
5.65	0.81	0.00	0.08	8.25	1.39	0.11	0.74
5.70	0.82	0.00	0.08	8.30	1.40	0.12	0.76
5.75	0.83	0.00	0.09	8.35	1.42	0.12	0.77
5.80	0.84	0.01	0.10	8.40	1.43	0.13	0.79
5.85	0.85	0.01	0.11	8.45	1.45	0.13	0.81
5.90	0.86	0.01	0.11	8.50	1.46	0.13	0.83
5.95	0.87	0.01	0.12	8.55	1.48	0.14	0.85
6.00	0.87	0.01	0.13	8.60	1.49	0.14	0.87
6.05	0.88	0.01	0.14	8.65	1.51	0.15	0.89
6.10	0.89	0.01	0.15	8.70	1.52	0.15	0.91
6.15	0.90	0.01	0.16	8.75	1.54	0.16	0.93
6.20	0.91	0.01	0.16	8.80	1.55	0.16	0.95
6.25	0.92	0.01	0.17	8.85	1.57	0.17	0.97
6.30	0.93	0.01	0.18	8.90	1.58	0.18	0.99
6.35	0.94	0.02	0.19	8.95	1.60	0.18	1.01
6.40	0.95	0.02	0.21	9.00	1.61	0.19	1.03
6.45	0.96	0.02	0.22	9.05	1.63	0.19	1.05
6.50	0.97	0.02	0.23	9.10	1.64	0.20	1.08
6.55	0.98	0.02	0.24	9.15	1.66	0.21	1.11
6.60	0.99	0.02	0.25	9.20	1.68	0.21	1.15
6.65	1.00	0.02	0.26	9.25	1.70	0.22	1.20
6.70	1.01	0.02	0.27	9.30	1.72	0.23	1.24
6.75	1.02	0.03	0.28	9.35	1.73	0.23	1.29
6.80	1.03	0.03	0.30	9.40	1.75	0.24	1.33
6.85	1.04	0.03	0.31	9.45	1.77	0.25	1.38
6.90	1.05	0.03	0.32	9.50	1.79	0.26	1.43
6.95	1.07	0.03	0.33	9.55	1.81	0.27	1.48
7.00	1.08	0.04	0.35	9.60	1.83	0.28	1.53
7.05	1.09	0.04	0.36	9.65	1.85	0.28	1.58
7.10	1.10	0.04	0.37	9.70	1.88	0.29	1.64
7.15	1.11	0.04	0.39	9.75	1.90	0.30	1.69
7.20	1.12	0.04	0.40	9.80	1.92	0.31	1.74
7.25	1.13	0.05	0.42	9.85	1.94	0.32	1.80
7.30	1.15	0.05	0.43	9.90	1.97	0.33	1.85
7.35	1.16	0.05	0.44	9.95	1.99	0.34	1.91
7.40	1.17	0.05	0.46	10.00	2.01	0.36	1.97
7.45	1.18	0.06	0.47	10.05	2.04	0.37	2.03
7.50	1.19	0.06	0.49	10.10	2.06	0.38	2.09
7.55	1.21	0.06	0.51	10.15	2.09	0.39	2.15
7.60	1.22	0.07	0.52	10.20	2.11	0.40	2.21
7.65	1.23	0.07	0.54	10.25	2.14	0.42	2.27
7.70	1.24	0.07	0.55	10.30	2.17	0.43	2.34
7.75	1.26	0.08	0.57	10.35	2.19	0.44	2.40

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	2.46	13.00	8.39	5.28	9.53
10.45	2.25	0.47	2.53	13.05	8.43	5.32	9.03
10.50	2.28	0.49	2.60	13.10	8.48	5.36	8.53
10.55	2.31	0.50	2.67	13.15	8.52	5.39	8.05
10.60	2.34	0.52	2.79	13.20	8.56	5.43	7.64
10.65	2.37	0.54	2.94	13.25	8.60	5.46	7.31
10.70	2.41	0.56	3.12	13.30	8.63	5.50	7.01
10.75	2.44	0.58	3.30	13.35	8.67	5.53	6.73
10.80	2.48	0.60	3.50	13.40	8.70	5.56	6.45
10.85	2.52	0.62	3.70	13.45	8.73	5.59	6.18
10.90	2.56	0.64	3.91	13.50	8.76	5.61	5.91
10.95	2.61	0.67	4.12	13.55	8.79	5.64	5.64
11.00	2.65	0.69	4.34	13.60	8.82	5.67	5.37
11.05	2.70	0.72	4.57	13.65	8.85	5.69	5.12
11.10	2.75	0.75	4.86	13.70	8.87	5.71	4.93
11.15	2.80	0.79	5.21	13.75	8.90	5.74	4.80
11.20	2.86	0.82	5.59	13.80	8.93	5.76	4.70
11.25	2.92	0.86	5.98	13.85	8.95	5.79	4.61
11.30	2.98	0.90	6.40	13.90	8.98	5.81	4.54
11.35	3.05	0.94	6.82	13.95	9.00	5.83	4.47
11.40	3.12	0.98	7.26	14.00	9.03	5.85	4.40
11.45	3.19	1.03	7.70	14.05	9.05	5.88	4.33
11.50	3.26	1.08	8.13	14.10	9.07	5.90	4.26
11.55	3.37	1.15	8.70	14.15	9.10	5.92	4.18
11.60	3.49	1.23	10.00	14.20	9.12	5.94	4.11
11.65	3.60	1.31	11.84	14.25	9.14	5.96	4.05
11.70	3.72	1.39	13.40	14.30	9.16	5.98	3.98
11.75	3.88	1.51	14.67	14.35	9.19	6.00	3.91
11.80	4.04	1.63	16.56	14.40	9.21	6.02	3.83
11.85	4.27	1.79	19.21	14.45	9.23	6.04	3.76
11.90	4.49	1.96	22.84	14.50	9.25	6.06	3.69
11.95	4.88	2.27	27.69	14.55	9.27	6.07	3.63
12.00	5.26	2.57	35.47	14.60	9.29	6.09	3.55
12.05	5.91	3.11	46.28	14.65	9.31	6.11	3.48
12.10	6.55	3.65	61.73	14.70	9.32	6.13	3.41
12.15	6.77	3.85	76.92	14.75	9.34	6.14	3.34
12.20	7.00	4.04	76.02	14.80	9.36	6.16	3.27
12.25	7.16	4.18	60.96	14.85	9.38	6.17	3.20
12.30	7.32	4.32	46.41	14.90	9.40	6.19	3.13
12.35	7.44	4.43	36.75	14.95	9.41	6.21	3.06
12.40	7.55	4.53	30.01	15.00	9.43	6.22	2.98
12.45	7.67	4.63	25.20	15.05	9.44	6.23	2.91
12.50	7.78	4.73	22.13	15.10	9.46	6.25	2.84
12.55	7.85	4.79	20.20	15.15	9.47	6.26	2.78
12.60	7.92	4.86	17.97	15.20	9.49	6.28	2.73
12.65	7.99	4.92	15.45	15.25	9.50	6.29	2.69
12.70	8.06	4.98	13.59	15.30	9.52	6.30	2.66
12.75	8.12	5.03	12.48	15.35	9.53	6.32	2.64
12.80	8.18	5.09	11.72	15.40	9.55	6.33	2.62
12.85	8.24	5.14	11.11	15.45	9.56	6.34	2.60
12.90	8.29	5.19	10.56	15.50	9.58	6.36	2.59
12.95	8.34	5.23	10.04	15.55	9.59	6.37	2.57

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	2.55	18.20	10.20	6.93	1.57
15.65	9.62	6.40	2.53	18.25	10.21	6.94	1.56
15.70	9.64	6.41	2.51	18.30	10.22	6.95	1.56
15.75	9.65	6.42	2.49	18.35	10.23	6.96	1.55
15.80	9.66	6.44	2.47	18.40	10.24	6.97	1.54
15.85	9.68	6.45	2.45	18.45	10.24	6.97	1.54
15.90	9.69	6.46	2.43	18.50	10.25	6.98	1.53
15.95	9.70	6.47	2.42	18.55	10.26	6.99	1.53
16.00	9.72	6.49	2.40	18.60	10.27	7.00	1.52
16.05	9.73	6.50	2.38	18.65	10.28	7.01	1.52
16.10	9.74	6.51	2.36	18.70	10.29	7.01	1.52
16.15	9.76	6.52	2.34	18.75	10.30	7.02	1.51
16.20	9.77	6.54	2.32	18.80	10.30	7.03	1.51
16.25	9.78	6.55	2.31	18.85	10.31	7.04	1.50
16.30	9.80	6.56	2.29	18.90	10.32	7.04	1.50
16.35	9.81	6.57	2.26	18.95	10.33	7.05	1.49
16.40	9.82	6.58	2.25	19.00	10.34	7.06	1.49
16.45	9.83	6.59	2.23	19.05	10.35	7.07	1.48
16.50	9.85	6.60	2.21	19.10	10.35	7.08	1.48
16.55	9.86	6.62	2.19	19.15	10.36	7.08	1.47
16.60	9.87	6.63	2.17	19.20	10.37	7.09	1.47
16.65	9.88	6.64	2.15	19.25	10.38	7.10	1.46
16.70	9.89	6.65	2.14	19.30	10.39	7.11	1.46
16.75	9.91	6.66	2.12	19.35	10.40	7.11	1.45
16.80	9.92	6.67	2.10	19.40	10.40	7.12	1.45
16.85	9.93	6.68	2.08	19.45	10.41	7.13	1.45
16.90	9.94	6.69	2.06	19.50	10.42	7.14	1.44
16.95	9.95	6.70	2.04	19.55	10.43	7.14	1.44
17.00	9.96	6.71	2.02	19.60	10.44	7.15	1.43
17.05	9.97	6.72	2.00	19.65	10.44	7.16	1.43
17.10	9.99	6.73	1.99	19.70	10.45	7.17	1.42
17.15	10.00	6.74	1.97	19.75	10.46	7.17	1.42
17.20	10.01	6.75	1.95	19.80	10.47	7.18	1.41
17.25	10.02	6.76	1.93	19.85	10.48	7.19	1.41
17.30	10.03	6.77	1.91	19.90	10.48	7.20	1.41
17.35	10.04	6.78	1.88	19.95	10.49	7.20	1.40
17.40	10.05	6.79	1.87	20.00	10.50	7.21	1.39
17.45	10.06	6.80	1.85	20.05	10.51	7.22	1.39
17.50	10.07	6.81	1.83	20.10	10.52	7.23	1.38
17.55	10.08	6.82	1.81	20.15	10.52	7.23	1.38
17.60	10.09	6.83	1.79	20.20	10.53	7.24	1.37
17.65	10.10	6.84	1.78	20.25	10.54	7.25	1.37
17.70	10.11	6.85	1.76	20.30	10.55	7.25	1.36
17.75	10.12	6.86	1.74	20.35	10.55	7.26	1.36
17.80	10.13	6.87	1.72	20.40	10.56	7.27	1.35
17.85	10.14	6.87	1.70	20.45	10.57	7.28	1.35
17.90	10.15	6.88	1.68	20.50	10.58	7.28	1.35
17.95	10.16	6.89	1.66	20.55	10.58	7.29	1.34
18.00	10.17	6.90	1.64	20.60	10.59	7.30	1.34
18.05	10.17	6.91	1.62	20.65	10.60	7.30	1.34
18.10	10.18	6.92	1.60	20.70	10.61	7.31	1.33
18.15	10.19	6.92	1.58	20.75	10.61	7.32	1.32

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	1.32	23.40	10.97	7.65	1.07
20.85	10.63	7.33	1.31	23.45	10.97	7.65	1.07
20.90	10.64	7.34	1.31	23.50	10.98	7.66	1.06
20.95	10.64	7.34	1.30	23.55	10.99	7.66	1.06
21.00	10.65	7.35	1.30	23.60	10.99	7.67	1.05
21.05	10.66	7.36	1.29	23.65	11.00	7.67	1.04
21.10	10.66	7.36	1.29	23.70	11.00	7.68	1.04
21.15	10.67	7.37	1.28	23.75	11.01	7.69	1.04
21.20	10.68	7.38	1.28	23.80	11.01	7.69	1.03
21.25	10.69	7.38	1.27	23.85	11.02	7.70	1.03
21.30	10.69	7.39	1.27	23.90	11.03	7.70	1.02
21.35	10.70	7.40	1.27	23.95	11.03	7.71	1.02
21.40	10.71	7.40	1.26	24.00	11.04	7.72	1.07
21.45	10.71	7.41	1.26	24.05	11.04	7.72	1.11
21.50	10.72	7.42	1.25	24.10	11.04	7.72	0.91
21.55	10.73	7.42	1.25	24.15	11.04	7.72	0.54
21.60	10.74	7.43	1.24	24.20	11.04	7.72	0.26
21.65	10.74	7.44	1.24	24.25	11.04	7.72	0.12
21.70	10.75	7.44	1.23	24.30	11.04	7.72	0.06
21.75	10.76	7.45	1.23	24.35	11.04	7.72	0.03
21.80	10.76	7.46	1.22	24.40	11.04	7.72	0.01
21.85	10.77	7.46	1.22	24.45	11.04	7.72	0.01
21.90	10.78	7.47	1.22	24.50	11.04	7.72	0.00
21.95	10.78	7.48	1.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	1.20	24.60	11.04	7.72	0.00
22.05	10.80	7.49	1.20	24.65	11.04	7.72	0.00
22.10	10.80	7.49	1.19	24.70	11.04	7.72	0.00
22.15	10.81	7.50	1.19	24.75	11.04	7.72	0.00
22.20	10.82	7.51	1.19	24.80	11.04	7.72	0.00
22.25	10.82	7.51	1.18	24.85	11.04	7.72	0.00
22.30	10.83	7.52	1.18	24.90	11.04	7.72	0.00
22.35	10.84	7.53	1.17	24.95	11.04	7.72	0.00
22.40	10.84	7.53	1.17	25.00	11.04	7.72	0.00
22.45	10.85	7.54	1.16	25.05	11.04	7.72	0.00
22.50	10.86	7.54	1.15	25.10	11.04	7.72	0.00
22.55	10.86	7.55	1.15	25.15	11.04	7.72	0.00
22.60	10.87	7.56	1.15	25.20	11.04	7.72	0.00
22.65	10.88	7.56	1.14	25.25	11.04	7.72	0.00
22.70	10.88	7.57	1.14	25.30	11.04	7.72	0.00
22.75	10.89	7.57	1.13	25.35	11.04	7.72	0.00
22.80	10.89	7.58	1.13	25.40	11.04	7.72	0.00
22.85	10.90	7.58	1.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	1.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	1.11	25.55	11.04	7.72	0.00
23.00	10.92	7.60	1.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	1.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	1.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	1.09	25.75	11.04	7.72	0.00
23.20	10.94	7.63	1.09	25.80	11.04	7.72	0.00
23.25	10.95	7.63	1.08	25.85	11.04	7.72	0.00
23.30	10.96	7.64	1.08	25.90	11.04	7.72	0.00
23.35	10.96	7.64	1.07	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment UPDA-2: PDA-2 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Pond B-18: Basin #18

Inflow Area = 1.410 ac, 31.91% Impervious, Inflow Depth = 8.70" for Future 100 yr event
 Inflow = 12.56 cfs @ 12.17 hrs, Volume= 1.022 af
 Outflow = 11.33 cfs @ 12.22 hrs, Volume= 0.976 af, Atten= 10%, Lag= 3.1 min
 Primary = 11.33 cfs @ 12.22 hrs, Volume= 0.976 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 190.27' @ 12.22 hrs Surf.Area= 3,419 sf Storage= 9,332 cf

Plug-Flow detention time= 155.2 min calculated for 0.975 af (95% of inflow)
 Center-of-Mass det. time= 129.8 min (912.8 - 783.1)

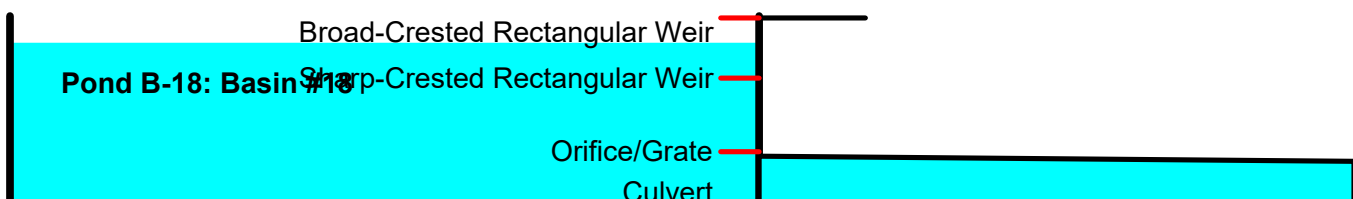
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	12,003 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	1,119	0	0
187.00	1,564	1,342	1,342
188.00	2,065	1,815	3,156
189.00	2,623	2,344	5,500
190.00	3,237	2,930	8,430
191.00	3,908	3,573	12,003

Device	Routing	Invert	Outlet Devices
#1	Primary	186.00'	15.0" Round Culvert L= 28.0' Ke= 0.500 Inlet / Outlet Invert= 186.00' / 185.86' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	187.37'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.34'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

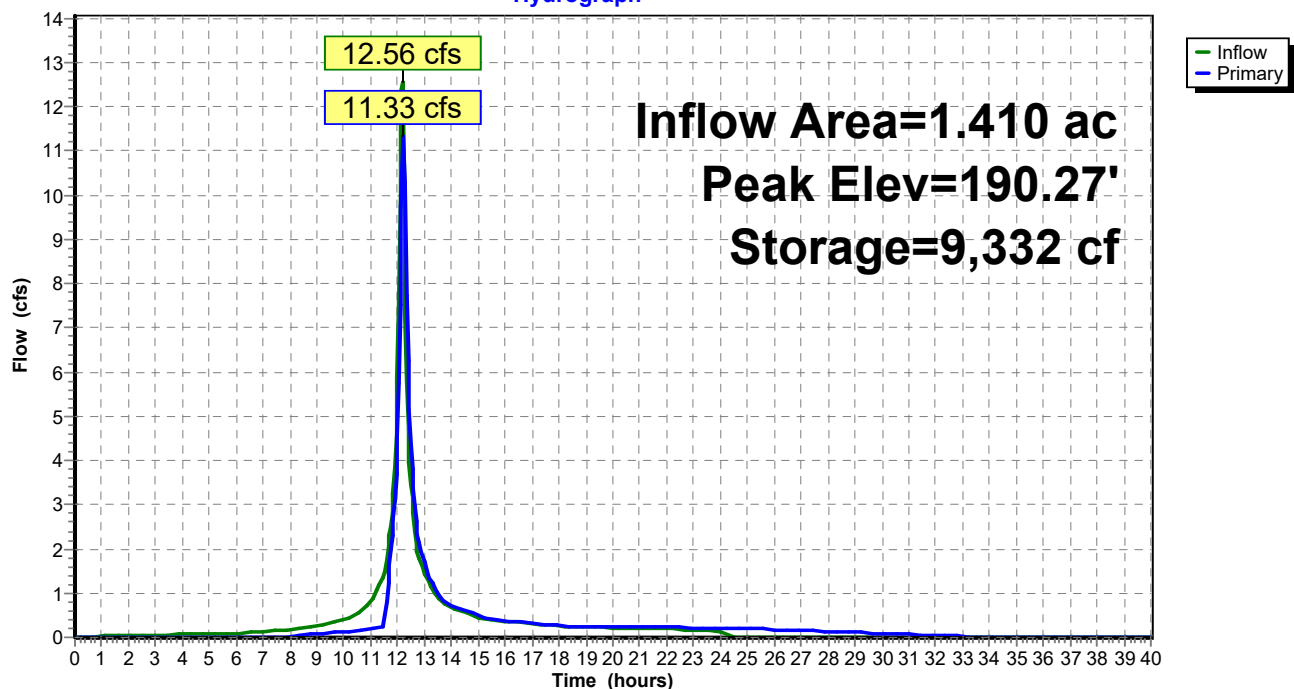
Primary OutFlow Max=11.24 cfs @ 12.22 hrs HW=190.26' (Free Discharge)

1=Culvert (Passes 11.24 cfs of 11.26 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 8.03 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 10.97 cfs @ 3.13 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-18: Basin #18

Hydrograph



Hydrograph for Pond B-18: Basin #18

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.01	2	186.00	0.00
0.70	0.01	5	186.00	0.00
0.80	0.02	10	186.01	0.00
0.90	0.02	16	186.01	0.00
1.00	0.02	23	186.02	0.00
1.10	0.03	32	186.03	0.00
1.20	0.03	42	186.04	0.00
1.30	0.03	52	186.05	0.00
1.40	0.03	64	186.06	0.00
1.50	0.04	76	186.07	0.00
1.60	0.04	89	186.08	0.00
1.70	0.04	103	186.09	0.00
1.80	0.04	117	186.10	0.00
1.90	0.04	132	186.12	0.00
2.00	0.04	148	186.13	0.00
2.10	0.05	164	186.14	0.00
2.20	0.05	180	186.16	0.00
2.30	0.05	197	186.17	0.00
2.40	0.05	215	186.18	0.00
2.50	0.05	233	186.20	0.00
2.60	0.05	251	186.22	0.00
2.70	0.05	270	186.23	0.00
2.80	0.05	289	186.25	0.00
2.90	0.05	308	186.26	0.00
3.00	0.06	328	186.28	0.00
3.10	0.06	348	186.29	0.00
3.20	0.06	369	186.31	0.00
3.30	0.06	390	186.33	0.00
3.40	0.06	411	186.34	0.00
3.50	0.06	432	186.36	0.00
3.60	0.06	454	186.38	0.00
3.70	0.06	476	186.39	0.00
3.80	0.06	498	186.41	0.00
3.90	0.06	521	186.43	0.00
4.00	0.06	544	186.45	0.00
4.10	0.06	567	186.46	0.00
4.20	0.07	590	186.48	0.00
4.30	0.07	614	186.50	0.00
4.40	0.07	638	186.52	0.00
4.50	0.07	662	186.53	0.00
4.60	0.07	686	186.55	0.00
4.70	0.07	711	186.57	0.00
4.80	0.07	736	186.59	0.00
4.90	0.07	761	186.61	0.00
5.00	0.07	786	186.62	0.00
5.10	0.07	812	186.64	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	838	186.66	0.00
5.30	0.07	864	186.68	0.00
5.40	0.08	891	186.70	0.00
5.50	0.08	920	186.72	0.00
5.60	0.08	948	186.74	0.00
5.70	0.08	978	186.76	0.00
5.80	0.09	1,009	186.78	0.00
5.90	0.09	1,040	186.80	0.00
6.00	0.09	1,072	186.82	0.00
6.10	0.09	1,105	186.85	0.00
6.20	0.10	1,139	186.87	0.00
6.30	0.10	1,174	186.89	0.00
6.40	0.10	1,211	186.92	0.00
6.50	0.11	1,249	186.94	0.00
6.60	0.11	1,289	186.97	0.00
6.70	0.12	1,331	186.99	0.00
6.80	0.12	1,374	187.02	0.00
6.90	0.13	1,419	187.05	0.00
7.00	0.13	1,465	187.08	0.00
7.10	0.14	1,513	187.11	0.00
7.20	0.14	1,563	187.14	0.00
7.30	0.15	1,614	187.17	0.00
7.40	0.15	1,668	187.20	0.00
7.50	0.16	1,723	187.23	0.00
7.60	0.16	1,780	187.27	0.00
7.70	0.17	1,839	187.30	0.00
7.80	0.17	1,900	187.34	0.00
7.90	0.18	1,962	187.37	0.00
8.00	0.18	2,026	187.41	0.00
8.10	0.19	2,091	187.45	0.01
8.20	0.19	2,153	187.48	0.02
8.30	0.20	2,214	187.52	0.03
8.40	0.20	2,273	187.55	0.04
8.50	0.21	2,331	187.58	0.05
8.60	0.22	2,387	187.61	0.06
8.70	0.22	2,444	187.64	0.07
8.80	0.23	2,500	187.67	0.07
8.90	0.23	2,557	187.70	0.08
9.00	0.24	2,613	187.73	0.08
9.10	0.25	2,671	187.76	0.09
9.20	0.26	2,731	187.79	0.09
9.30	0.28	2,795	187.82	0.10
9.40	0.30	2,863	187.86	0.10
9.50	0.31	2,936	187.89	0.11
9.60	0.33	3,013	187.93	0.11
9.70	0.35	3,095	187.97	0.12
9.80	0.37	3,182	188.01	0.12
9.90	0.39	3,274	188.06	0.13
10.00	0.41	3,371	188.10	0.13
10.10	0.43	3,473	188.15	0.13
10.20	0.45	3,580	188.20	0.14
10.30	0.47	3,694	188.25	0.14

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.49	3,812	188.31	0.15
10.50	0.51	3,937	188.36	0.15
10.60	0.54	4,069	188.42	0.16
10.70	0.60	4,215	188.48	0.16
10.80	0.66	4,382	188.55	0.17
10.90	0.74	4,571	188.63	0.18
11.00	0.81	4,784	188.72	0.18
11.10	0.90	5,023	188.81	0.19
11.20	1.02	5,297	188.92	0.20
11.30	1.15	5,615	189.04	0.21
11.40	1.30	5,980	189.18	0.21
11.50	1.43	6,393	189.33	0.22
11.60	1.74	6,785	189.46	0.81
11.70	2.31	7,080	189.57	1.62
11.80	2.82	7,286	189.63	2.30
11.90	3.83	7,506	189.71	3.09
12.00	5.85	7,860	189.82	4.51
12.10	9.99	8,531	190.03	7.52
12.20	12.12	9,306	190.26	11.17
12.30	7.34	8,938	190.15	9.49
12.40	4.72	8,260	189.95	6.26
12.50	3.46	7,823	189.81	4.36
12.60	2.80	7,577	189.73	3.37
12.70	2.12	7,378	189.66	2.62
12.80	1.82	7,235	189.62	2.12
12.90	1.64	7,148	189.59	1.84
13.00	1.48	7,085	189.57	1.64
13.10	1.32	7,031	189.55	1.47
13.20	1.18	6,979	189.53	1.32
13.30	1.09	6,935	189.52	1.20
13.40	1.00	6,899	189.50	1.09
13.50	0.92	6,865	189.49	1.01
13.60	0.83	6,832	189.48	0.93
13.70	0.76	6,799	189.47	0.85
13.80	0.73	6,774	189.46	0.78
13.90	0.70	6,757	189.46	0.74
14.00	0.68	6,745	189.45	0.71
14.10	0.66	6,734	189.45	0.69
14.20	0.64	6,723	189.44	0.67
14.30	0.61	6,712	189.44	0.64
14.40	0.59	6,701	189.44	0.62
14.50	0.57	6,690	189.43	0.60
14.60	0.55	6,679	189.43	0.58
14.70	0.53	6,668	189.42	0.56
14.80	0.50	6,657	189.42	0.54
14.90	0.48	6,646	189.42	0.51
15.00	0.46	6,635	189.41	0.49
15.10	0.44	6,623	189.41	0.47
15.20	0.42	6,613	189.41	0.45
15.30	0.41	6,604	189.40	0.43
15.40	0.40	6,598	189.40	0.42
15.50	0.40	6,593	189.40	0.41

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.39	6,588	189.40	0.41
15.70	0.39	6,583	189.39	0.40
15.80	0.38	6,578	189.39	0.39
15.90	0.37	6,573	189.39	0.39
16.00	0.37	6,569	189.39	0.38
16.10	0.36	6,564	189.39	0.38
16.20	0.36	6,560	189.39	0.37
16.30	0.35	6,555	189.38	0.36
16.40	0.35	6,551	189.38	0.36
16.50	0.34	6,546	189.38	0.35
16.60	0.33	6,541	189.38	0.35
16.70	0.33	6,537	189.38	0.34
16.80	0.32	6,532	189.38	0.34
16.90	0.32	6,528	189.38	0.33
17.00	0.31	6,523	189.37	0.32
17.10	0.31	6,518	189.37	0.32
17.20	0.30	6,514	189.37	0.31
17.30	0.29	6,509	189.37	0.31
17.40	0.29	6,505	189.37	0.30
17.50	0.28	6,500	189.37	0.29
17.60	0.28	6,495	189.36	0.29
17.70	0.27	6,491	189.36	0.28
17.80	0.26	6,486	189.36	0.28
17.90	0.26	6,482	189.36	0.27
18.00	0.25	6,477	189.36	0.27
18.10	0.25	6,472	189.36	0.26
18.20	0.24	6,468	189.35	0.25
18.30	0.24	6,464	189.35	0.25
18.40	0.24	6,461	189.35	0.24
18.50	0.24	6,459	189.35	0.24
18.60	0.23	6,457	189.35	0.24
18.70	0.23	6,455	189.35	0.24
18.80	0.23	6,453	189.35	0.24
18.90	0.23	6,451	189.35	0.24
19.00	0.23	6,449	189.35	0.23
19.10	0.23	6,447	189.35	0.23
19.20	0.23	6,444	189.35	0.23
19.30	0.22	6,442	189.35	0.23
19.40	0.22	6,439	189.34	0.23
19.50	0.22	6,437	189.34	0.23
19.60	0.22	6,434	189.34	0.23
19.70	0.22	6,431	189.34	0.23
19.80	0.22	6,428	189.34	0.22
19.90	0.22	6,426	189.34	0.22
20.00	0.21	6,422	189.34	0.22
20.10	0.21	6,418	189.34	0.22
20.20	0.21	6,414	189.34	0.22
20.30	0.21	6,409	189.33	0.22
20.40	0.21	6,404	189.33	0.22
20.50	0.21	6,398	189.33	0.22
20.60	0.21	6,391	189.33	0.22
20.70	0.20	6,385	189.32	0.22

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.20	6,377	189.32	0.22
20.90	0.20	6,370	189.32	0.22
21.00	0.20	6,361	189.32	0.22
21.10	0.20	6,353	189.31	0.22
21.20	0.20	6,343	189.31	0.22
21.30	0.20	6,334	189.31	0.22
21.40	0.19	6,324	189.30	0.22
21.50	0.19	6,313	189.30	0.22
21.60	0.19	6,302	189.30	0.22
21.70	0.19	6,291	189.29	0.22
21.80	0.19	6,279	189.29	0.22
21.90	0.19	6,267	189.28	0.22
22.00	0.18	6,254	189.28	0.22
22.10	0.18	6,241	189.27	0.22
22.20	0.18	6,228	189.27	0.22
22.30	0.18	6,214	189.26	0.22
22.40	0.18	6,199	189.26	0.22
22.50	0.18	6,185	189.25	0.22
22.60	0.18	6,169	189.25	0.22
22.70	0.17	6,154	189.24	0.22
22.80	0.17	6,138	189.24	0.22
22.90	0.17	6,121	189.23	0.22
23.00	0.17	6,104	189.22	0.22
23.10	0.17	6,087	189.22	0.22
23.20	0.17	6,070	189.21	0.22
23.30	0.17	6,052	189.21	0.22
23.40	0.16	6,033	189.20	0.22
23.50	0.16	6,014	189.19	0.22
23.60	0.16	5,995	189.18	0.21
23.70	0.16	5,976	189.18	0.21
23.80	0.16	5,956	189.17	0.21
23.90	0.16	5,936	189.16	0.21
24.00	0.16	5,916	189.16	0.21
24.10	0.14	5,897	189.15	0.21
24.20	0.04	5,852	189.13	0.21
24.30	0.01	5,784	189.11	0.21
24.40	0.00	5,711	189.08	0.21
24.50	0.00	5,636	189.05	0.21
24.60	0.00	5,563	189.02	0.20
24.70	0.00	5,489	189.00	0.20
24.80	0.00	5,417	188.97	0.20
24.90	0.00	5,345	188.94	0.20
25.00	0.00	5,274	188.91	0.20
25.10	0.00	5,203	188.89	0.19
25.20	0.00	5,133	188.86	0.19
25.30	0.00	5,064	188.83	0.19
25.40	0.00	4,996	188.80	0.19
25.50	0.00	4,928	188.78	0.19
25.60	0.00	4,861	188.75	0.19
25.70	0.00	4,794	188.72	0.18
25.80	0.00	4,729	188.70	0.18
25.90	0.00	4,664	188.67	0.18

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,600	188.64	0.18
26.10	0.00	4,536	188.62	0.18
26.20	0.00	4,473	188.59	0.17
26.30	0.00	4,411	188.56	0.17
26.40	0.00	4,350	188.54	0.17
26.50	0.00	4,289	188.51	0.17
26.60	0.00	4,229	188.49	0.17
26.70	0.00	4,170	188.46	0.16
26.80	0.00	4,112	188.44	0.16
26.90	0.00	4,054	188.41	0.16
27.00	0.00	3,997	188.39	0.16
27.10	0.00	3,941	188.36	0.15
27.20	0.00	3,886	188.34	0.15
27.30	0.00	3,832	188.31	0.15
27.40	0.00	3,778	188.29	0.15
27.50	0.00	3,725	188.27	0.15
27.60	0.00	3,673	188.24	0.14
27.70	0.00	3,621	188.22	0.14
27.80	0.00	3,571	188.20	0.14
27.90	0.00	3,521	188.17	0.14
28.00	0.00	3,472	188.15	0.13
28.10	0.00	3,424	188.13	0.13
28.20	0.00	3,376	188.11	0.13
28.30	0.00	3,330	188.08	0.13
28.40	0.00	3,284	188.06	0.13
28.50	0.00	3,239	188.04	0.12
28.60	0.00	3,195	188.02	0.12
28.70	0.00	3,152	188.00	0.12
28.80	0.00	3,110	187.98	0.12
28.90	0.00	3,068	187.96	0.11
29.00	0.00	3,028	187.94	0.11
29.10	0.00	2,988	187.92	0.11
29.20	0.00	2,949	187.90	0.11
29.30	0.00	2,911	187.88	0.10
29.40	0.00	2,874	187.86	0.10
29.50	0.00	2,837	187.84	0.10
29.60	0.00	2,802	187.82	0.10
29.70	0.00	2,768	187.81	0.09
29.80	0.00	2,734	187.79	0.09
29.90	0.00	2,701	187.77	0.09
30.00	0.00	2,669	187.76	0.09
30.10	0.00	2,638	187.74	0.08
30.20	0.00	2,608	187.73	0.08
30.30	0.00	2,579	187.71	0.08
30.40	0.00	2,551	187.70	0.08
30.50	0.00	2,524	187.68	0.07
30.60	0.00	2,497	187.67	0.07
30.70	0.00	2,472	187.65	0.07
30.80	0.00	2,447	187.64	0.07
30.90	0.00	2,423	187.63	0.06
31.00	0.00	2,401	187.62	0.06
31.10	0.00	2,379	187.60	0.06

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,358	187.59	0.06
31.30	0.00	2,338	187.58	0.05
31.40	0.00	2,319	187.57	0.05
31.50	0.00	2,302	187.56	0.05
31.60	0.00	2,284	187.55	0.05
31.70	0.00	2,268	187.54	0.04
31.80	0.00	2,253	187.54	0.04
31.90	0.00	2,239	187.53	0.04
32.00	0.00	2,226	187.52	0.04
32.10	0.00	2,214	187.52	0.03
32.20	0.00	2,202	187.51	0.03
32.30	0.00	2,192	187.50	0.03
32.40	0.00	2,182	187.50	0.03
32.50	0.00	2,172	187.49	0.03
32.60	0.00	2,164	187.49	0.02
32.70	0.00	2,155	187.48	0.02
32.80	0.00	2,148	187.48	0.02
32.90	0.00	2,141	187.47	0.02
33.00	0.00	2,134	187.47	0.02
33.10	0.00	2,127	187.47	0.02
33.20	0.00	2,121	187.46	0.02
33.30	0.00	2,116	187.46	0.02
33.40	0.00	2,111	187.46	0.01
33.50	0.00	2,106	187.46	0.01
33.60	0.00	2,101	187.45	0.01
33.70	0.00	2,097	187.45	0.01
33.80	0.00	2,092	187.45	0.01
33.90	0.00	2,089	187.45	0.01
34.00	0.00	2,085	187.44	0.01
34.10	0.00	2,081	187.44	0.01
34.20	0.00	2,078	187.44	0.01
34.30	0.00	2,074	187.44	0.01
34.40	0.00	2,071	187.44	0.01
34.50	0.00	2,068	187.43	0.01
34.60	0.00	2,065	187.43	0.01
34.70	0.00	2,062	187.43	0.01
34.80	0.00	2,059	187.43	0.01
34.90	0.00	2,057	187.43	0.01
35.00	0.00	2,054	187.43	0.01
35.10	0.00	2,052	187.42	0.01
35.20	0.00	2,049	187.42	0.01
35.30	0.00	2,047	187.42	0.01
35.40	0.00	2,045	187.42	0.01
35.50	0.00	2,043	187.42	0.01
35.60	0.00	2,041	187.42	0.01
35.70	0.00	2,039	187.42	0.01
35.80	0.00	2,037	187.42	0.01
35.90	0.00	2,035	187.42	0.00
36.00	0.00	2,033	187.41	0.00
36.10	0.00	2,032	187.41	0.00
36.20	0.00	2,030	187.41	0.00
36.30	0.00	2,029	187.41	0.00

Hydrograph for Pond B-18: Basin #18 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,027	187.41	0.00
36.50	0.00	2,026	187.41	0.00
36.60	0.00	2,024	187.41	0.00
36.70	0.00	2,023	187.41	0.00
36.80	0.00	2,022	187.41	0.00
36.90	0.00	2,021	187.41	0.00
37.00	0.00	2,019	187.41	0.00
37.10	0.00	2,018	187.41	0.00
37.20	0.00	2,017	187.41	0.00
37.30	0.00	2,016	187.41	0.00
37.40	0.00	2,015	187.40	0.00
37.50	0.00	2,014	187.40	0.00
37.60	0.00	2,013	187.40	0.00
37.70	0.00	2,013	187.40	0.00
37.80	0.00	2,012	187.40	0.00
37.90	0.00	2,011	187.40	0.00
38.00	0.00	2,010	187.40	0.00
38.10	0.00	2,009	187.40	0.00
38.20	0.00	2,009	187.40	0.00
38.30	0.00	2,008	187.40	0.00
38.40	0.00	2,007	187.40	0.00
38.50	0.00	2,007	187.40	0.00
38.60	0.00	2,006	187.40	0.00
38.70	0.00	2,005	187.40	0.00
38.80	0.00	2,005	187.40	0.00
38.90	0.00	2,004	187.40	0.00
39.00	0.00	2,004	187.40	0.00
39.10	0.00	2,003	187.40	0.00
39.20	0.00	2,002	187.40	0.00
39.30	0.00	2,002	187.40	0.00
39.40	0.00	2,001	187.40	0.00
39.50	0.00	2,001	187.40	0.00
39.60	0.00	2,000	187.40	0.00
39.70	0.00	2,000	187.40	0.00
39.80	0.00	1,999	187.40	0.00
39.90	0.00	1,998	187.40	0.00
40.00	0.00	1,998	187.39	0.00

Stage-Discharge for Pond B-18: Basin #18

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

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.13	188.60	0.17	189.12	0.21	189.64	2.36
188.09	0.13	188.61	0.17	189.13	0.21	189.65	2.46
188.10	0.13	188.62	0.18	189.14	0.21	189.66	2.57
188.11	0.13	188.63	0.18	189.15	0.21	189.67	2.68
188.12	0.13	188.64	0.18	189.16	0.21	189.68	2.79
188.13	0.13	188.65	0.18	189.17	0.21	189.69	2.91
188.14	0.13	188.66	0.18	189.18	0.21	189.70	3.02
188.15	0.13	188.67	0.18	189.19	0.22	189.71	3.13
188.16	0.14	188.68	0.18	189.20	0.22	189.72	3.25
188.17	0.14	188.69	0.18	189.21	0.22	189.73	3.37
188.18	0.14	188.70	0.18	189.22	0.22	189.74	3.49
188.19	0.14	188.71	0.18	189.23	0.22	189.75	3.61
188.20	0.14	188.72	0.18	189.24	0.22	189.76	3.73
188.21	0.14	188.73	0.18	189.25	0.22	189.77	3.86
188.22	0.14	188.74	0.18	189.26	0.22	189.78	3.98
188.23	0.14	188.75	0.19	189.27	0.22	189.79	4.11
188.24	0.14	188.76	0.19	189.28	0.22	189.80	4.24
188.25	0.14	188.77	0.19	189.29	0.22	189.81	4.37
188.26	0.15	188.78	0.19	189.30	0.22	189.82	4.50
188.27	0.15	188.79	0.19	189.31	0.22	189.83	4.63
188.28	0.15	188.80	0.19	189.32	0.22	189.84	4.76
188.29	0.15	188.81	0.19	189.33	0.22	189.85	4.90
188.30	0.15	188.82	0.19	189.34	0.22	189.86	5.03
188.31	0.15	188.83	0.19	189.35	0.24	189.87	5.17
188.32	0.15	188.84	0.19	189.36	0.26	189.88	5.30
188.33	0.15	188.85	0.19	189.37	0.29	189.89	5.44
188.34	0.15	188.86	0.19	189.38	0.33	189.90	5.58
188.35	0.15	188.87	0.19	189.39	0.37	189.91	5.72
188.36	0.15	188.88	0.19	189.40	0.42	189.92	5.87
188.37	0.16	188.89	0.20	189.41	0.47	189.93	6.01
188.38	0.16	188.90	0.20	189.42	0.52	189.94	6.15
188.39	0.16	188.91	0.20	189.43	0.58	189.95	6.30
188.40	0.16	188.92	0.20	189.44	0.64	189.96	6.45
188.41	0.16	188.93	0.20	189.45	0.71	189.97	6.59
188.42	0.16	188.94	0.20	189.46	0.77	189.98	6.74
188.43	0.16	188.95	0.20	189.47	0.84	189.99	6.89
188.44	0.16	188.96	0.20	189.48	0.91	190.00	7.04
188.45	0.16	188.97	0.20	189.49	0.99	190.01	7.19
188.46	0.16	188.98	0.20	189.50	1.06	190.02	7.35
188.47	0.16	188.99	0.20	189.51	1.14	190.03	7.50
188.48	0.16	189.00	0.20	189.52	1.22	190.04	7.66
188.49	0.17	189.01	0.20	189.53	1.31	190.05	7.81
188.50	0.17	189.02	0.20	189.54	1.39	190.06	7.97
188.51	0.17	189.03	0.20	189.55	1.48	190.07	8.12
188.52	0.17	189.04	0.21	189.56	1.57	190.08	8.28
188.53	0.17	189.05	0.21	189.57	1.66	190.09	8.44
188.54	0.17	189.06	0.21	189.58	1.76	190.10	8.60
188.55	0.17	189.07	0.21	189.59	1.85	190.11	8.76
188.56	0.17	189.08	0.21	189.60	1.95	190.12	8.93
188.57	0.17	189.09	0.21	189.61	2.05	190.13	9.09
188.58	0.17	189.10	0.21	189.62	2.15	190.14	9.25
188.59	0.17	189.11	0.21	189.63	2.25	190.15	9.42

Stage-Discharge for Pond B-18: Basin #18 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.16	9.58	190.68	11.90
190.17	9.75	190.69	11.91
190.18	9.92	190.70	11.93
190.19	10.09	190.71	11.94
190.20	10.25	190.72	11.96
190.21	10.42	190.73	11.97
190.22	10.59	190.74	11.99
190.23	10.77	190.75	12.00
190.24	10.94	190.76	12.02
190.25	11.11	190.77	12.03
190.26	11.27	190.78	12.04
190.27	11.28	190.79	12.06
190.28	11.30	190.80	12.07
190.29	11.31	190.81	12.09
190.30	11.33	190.82	12.10
190.31	11.34	190.83	12.12
190.32	11.36	190.84	12.13
190.33	11.37	190.85	12.15
190.34	11.39	190.86	12.16
190.35	11.40	190.87	12.17
190.36	11.42	190.88	12.19
190.37	11.43	190.89	12.20
190.38	11.45	190.90	12.22
190.39	11.47	190.91	12.23
190.40	11.48	190.92	12.25
190.41	11.50	190.93	12.26
190.42	11.51	190.94	12.27
190.43	11.53	190.95	12.29
190.44	11.54	190.96	12.42
190.45	11.56	190.97	12.65
190.46	11.57	190.98	12.94
190.47	11.59	190.99	13.28
190.48	11.60	191.00	13.67
190.49	11.62		
190.50	11.63		
190.51	11.65		
190.52	11.66		
190.53	11.68		
190.54	11.69		
190.55	11.71		
190.56	11.72		
190.57	11.74		
190.58	11.75		
190.59	11.77		
190.60	11.78		
190.61	11.80		
190.62	11.81		
190.63	11.83		
190.64	11.84		
190.65	11.85		
190.66	11.87		
190.67	11.88		

Stage-Area-Storage for Pond B-18: Basin #18

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	1,119	0	186.52	1,350	642
186.01	1,123	11	186.53	1,355	656
186.02	1,128	22	186.54	1,359	669
186.03	1,132	34	186.55	1,364	683
186.04	1,137	45	186.56	1,368	696
186.05	1,141	57	186.57	1,373	710
186.06	1,146	68	186.58	1,377	724
186.07	1,150	79	186.59	1,382	738
186.08	1,155	91	186.60	1,386	751
186.09	1,159	103	186.61	1,390	765
186.10	1,163	114	186.62	1,395	779
186.11	1,168	126	186.63	1,399	793
186.12	1,172	137	186.64	1,404	807
186.13	1,177	149	186.65	1,408	821
186.14	1,181	161	186.66	1,413	835
186.15	1,186	173	186.67	1,417	850
186.16	1,190	185	186.68	1,422	864
186.17	1,195	197	186.69	1,426	878
186.18	1,199	209	186.70	1,430	892
186.19	1,204	221	186.71	1,435	907
186.20	1,208	233	186.72	1,439	921
186.21	1,212	245	186.73	1,444	935
186.22	1,217	257	186.74	1,448	950
186.23	1,221	269	186.75	1,453	964
186.24	1,226	281	186.76	1,457	979
186.25	1,230	294	186.77	1,462	994
186.26	1,235	306	186.78	1,466	1,008
186.27	1,239	318	186.79	1,471	1,023
186.28	1,244	331	186.80	1,475	1,038
186.29	1,248	343	186.81	1,479	1,052
186.30	1,253	356	186.82	1,484	1,067
186.31	1,257	368	186.83	1,488	1,082
186.32	1,261	381	186.84	1,493	1,097
186.33	1,266	394	186.85	1,497	1,112
186.34	1,270	406	186.86	1,502	1,127
186.35	1,275	419	186.87	1,506	1,142
186.36	1,279	432	186.88	1,511	1,157
186.37	1,284	444	186.89	1,515	1,172
186.38	1,288	457	186.90	1,520	1,187
186.39	1,293	470	186.91	1,524	1,203
186.40	1,297	483	186.92	1,528	1,218
186.41	1,301	496	186.93	1,533	1,233
186.42	1,306	509	186.94	1,537	1,248
186.43	1,310	522	186.95	1,542	1,264
186.44	1,315	535	186.96	1,546	1,279
186.45	1,319	549	186.97	1,551	1,295
186.46	1,324	562	186.98	1,555	1,310
186.47	1,328	575	186.99	1,560	1,326
186.48	1,333	588	187.00	1,564	1,342
186.49	1,337	602	187.01	1,569	1,357
186.50	1,342	615	187.02	1,574	1,373
186.51	1,346	629	187.03	1,579	1,389

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	1,584	1,404	187.56	1,845	2,296
187.05	1,589	1,420	187.57	1,850	2,314
187.06	1,594	1,436	187.58	1,855	2,333
187.07	1,599	1,452	187.59	1,860	2,351
187.08	1,604	1,468	187.60	1,865	2,370
187.09	1,609	1,484	187.61	1,870	2,389
187.10	1,614	1,500	187.62	1,875	2,407
187.11	1,619	1,517	187.63	1,880	2,426
187.12	1,624	1,533	187.64	1,885	2,445
187.13	1,629	1,549	187.65	1,890	2,464
187.14	1,634	1,565	187.66	1,895	2,483
187.15	1,639	1,582	187.67	1,900	2,502
187.16	1,644	1,598	187.68	1,905	2,521
187.17	1,649	1,615	187.69	1,910	2,540
187.18	1,654	1,631	187.70	1,915	2,559
187.19	1,659	1,648	187.71	1,920	2,578
187.20	1,664	1,664	187.72	1,925	2,597
187.21	1,669	1,681	187.73	1,930	2,617
187.22	1,674	1,698	187.74	1,935	2,636
187.23	1,679	1,714	187.75	1,940	2,655
187.24	1,684	1,731	187.76	1,945	2,675
187.25	1,689	1,748	187.77	1,950	2,694
187.26	1,694	1,765	187.78	1,955	2,714
187.27	1,699	1,782	187.79	1,960	2,733
187.28	1,704	1,799	187.80	1,965	2,753
187.29	1,709	1,816	187.81	1,970	2,773
187.30	1,714	1,833	187.82	1,975	2,792
187.31	1,719	1,850	187.83	1,980	2,812
187.32	1,724	1,868	187.84	1,985	2,832
187.33	1,729	1,885	187.85	1,990	2,852
187.34	1,734	1,902	187.86	1,995	2,872
187.35	1,739	1,920	187.87	2,000	2,892
187.36	1,744	1,937	187.88	2,005	2,912
187.37	1,749	1,954	187.89	2,010	2,932
187.38	1,754	1,972	187.90	2,015	2,952
187.39	1,759	1,990	187.91	2,020	2,972
187.40	1,764	2,007	187.92	2,025	2,992
187.41	1,769	2,025	187.93	2,030	3,013
187.42	1,774	2,043	187.94	2,035	3,033
187.43	1,779	2,060	187.95	2,040	3,053
187.44	1,784	2,078	187.96	2,045	3,074
187.45	1,789	2,096	187.97	2,050	3,094
187.46	1,794	2,114	187.98	2,055	3,115
187.47	1,799	2,132	187.99	2,060	3,135
187.48	1,804	2,150	188.00	2,065	3,156
187.49	1,809	2,168	188.01	2,071	3,177
187.50	1,815	2,186	188.02	2,076	3,197
187.51	1,820	2,204	188.03	2,082	3,218
187.52	1,825	2,223	188.04	2,087	3,239
187.53	1,830	2,241	188.05	2,093	3,260
187.54	1,835	2,259	188.06	2,098	3,281
187.55	1,840	2,277	188.07	2,104	3,302

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	2,110	3,323	188.60	2,400	4,495
188.09	2,115	3,344	188.61	2,405	4,519
188.10	2,121	3,365	188.62	2,411	4,544
188.11	2,126	3,387	188.63	2,417	4,568
188.12	2,132	3,408	188.64	2,422	4,592
188.13	2,138	3,429	188.65	2,428	4,616
188.14	2,143	3,451	188.66	2,433	4,640
188.15	2,149	3,472	188.67	2,439	4,665
188.16	2,154	3,494	188.68	2,444	4,689
188.17	2,160	3,515	188.69	2,450	4,714
188.18	2,165	3,537	188.70	2,456	4,738
188.19	2,171	3,558	188.71	2,461	4,763
188.20	2,177	3,580	188.72	2,467	4,787
188.21	2,182	3,602	188.73	2,472	4,812
188.22	2,188	3,624	188.74	2,478	4,837
188.23	2,193	3,646	188.75	2,484	4,862
188.24	2,199	3,668	188.76	2,489	4,887
188.25	2,205	3,690	188.77	2,495	4,911
188.26	2,210	3,712	188.78	2,500	4,936
188.27	2,216	3,734	188.79	2,506	4,961
188.28	2,221	3,756	188.80	2,511	4,987
188.29	2,227	3,778	188.81	2,517	5,012
188.30	2,232	3,801	188.82	2,523	5,037
188.31	2,238	3,823	188.83	2,528	5,062
188.32	2,244	3,845	188.84	2,534	5,087
188.33	2,249	3,868	188.85	2,539	5,113
188.34	2,255	3,890	188.86	2,545	5,138
188.35	2,260	3,913	188.87	2,550	5,164
188.36	2,266	3,936	188.88	2,556	5,189
188.37	2,271	3,958	188.89	2,562	5,215
188.38	2,277	3,981	188.90	2,567	5,240
188.39	2,283	4,004	188.91	2,573	5,266
188.40	2,288	4,027	188.92	2,578	5,292
188.41	2,294	4,050	188.93	2,584	5,318
188.42	2,299	4,073	188.94	2,590	5,344
188.43	2,305	4,096	188.95	2,595	5,370
188.44	2,311	4,119	188.96	2,601	5,396
188.45	2,316	4,142	188.97	2,606	5,422
188.46	2,322	4,165	188.98	2,612	5,448
188.47	2,327	4,188	188.99	2,617	5,474
188.48	2,333	4,211	189.00	2,623	5,500
188.49	2,338	4,235	189.01	2,629	5,526
188.50	2,344	4,258	189.02	2,635	5,553
188.51	2,350	4,282	189.03	2,641	5,579
188.52	2,355	4,305	189.04	2,648	5,605
188.53	2,361	4,329	189.05	2,654	5,632
188.54	2,366	4,352	189.06	2,660	5,658
188.55	2,372	4,376	189.07	2,666	5,685
188.56	2,377	4,400	189.08	2,672	5,712
188.57	2,383	4,424	189.09	2,678	5,739
188.58	2,389	4,448	189.10	2,684	5,765
188.59	2,394	4,471	189.11	2,691	5,792

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	2,697	5,819	189.64	3,016	7,304
189.13	2,703	5,846	189.65	3,022	7,335
189.14	2,709	5,873	189.66	3,028	7,365
189.15	2,715	5,900	189.67	3,034	7,395
189.16	2,721	5,928	189.68	3,041	7,426
189.17	2,727	5,955	189.69	3,047	7,456
189.18	2,734	5,982	189.70	3,053	7,487
189.19	2,740	6,009	189.71	3,059	7,517
189.20	2,746	6,037	189.72	3,065	7,548
189.21	2,752	6,064	189.73	3,071	7,578
189.22	2,758	6,092	189.74	3,077	7,609
189.23	2,764	6,120	189.75	3,084	7,640
189.24	2,770	6,147	189.76	3,090	7,671
189.25	2,777	6,175	189.77	3,096	7,702
189.26	2,783	6,203	189.78	3,102	7,733
189.27	2,789	6,231	189.79	3,108	7,764
189.28	2,795	6,259	189.80	3,114	7,795
189.29	2,801	6,286	189.81	3,120	7,826
189.30	2,807	6,315	189.82	3,126	7,857
189.31	2,813	6,343	189.83	3,133	7,889
189.32	2,819	6,371	189.84	3,139	7,920
189.33	2,826	6,399	189.85	3,145	7,951
189.34	2,832	6,427	189.86	3,151	7,983
189.35	2,838	6,456	189.87	3,157	8,014
189.36	2,844	6,484	189.88	3,163	8,046
189.37	2,850	6,513	189.89	3,169	8,078
189.38	2,856	6,541	189.90	3,176	8,109
189.39	2,862	6,570	189.91	3,182	8,141
189.40	2,869	6,598	189.92	3,188	8,173
189.41	2,875	6,627	189.93	3,194	8,205
189.42	2,881	6,656	189.94	3,200	8,237
189.43	2,887	6,685	189.95	3,206	8,269
189.44	2,893	6,714	189.96	3,212	8,301
189.45	2,899	6,743	189.97	3,219	8,333
189.46	2,905	6,772	189.98	3,225	8,365
189.47	2,912	6,801	189.99	3,231	8,398
189.48	2,918	6,830	190.00	3,237	8,430
189.49	2,924	6,859	190.01	3,244	8,462
189.50	2,930	6,888	190.02	3,250	8,495
189.51	2,936	6,918	190.03	3,257	8,527
189.52	2,942	6,947	190.04	3,264	8,560
189.53	2,948	6,976	190.05	3,271	8,593
189.54	2,955	7,006	190.06	3,277	8,625
189.55	2,961	7,036	190.07	3,284	8,658
189.56	2,967	7,065	190.08	3,291	8,691
189.57	2,973	7,095	190.09	3,297	8,724
189.58	2,979	7,125	190.10	3,304	8,757
189.59	2,985	7,154	190.11	3,311	8,790
189.60	2,991	7,184	190.12	3,318	8,823
189.61	2,998	7,214	190.13	3,324	8,856
189.62	3,004	7,244	190.14	3,331	8,890
189.63	3,010	7,274	190.15	3,338	8,923

Stage-Area-Storage for Pond B-18: Basin #18 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.16	3,344	8,957	190.68	3,693	10,786
190.17	3,351	8,990	190.69	3,700	10,823
190.18	3,358	9,024	190.70	3,707	10,860
190.19	3,364	9,057	190.71	3,713	10,897
190.20	3,371	9,091	190.72	3,720	10,935
190.21	3,378	9,125	190.73	3,727	10,972
190.22	3,385	9,158	190.74	3,734	11,009
190.23	3,391	9,192	190.75	3,740	11,046
190.24	3,398	9,226	190.76	3,747	11,084
190.25	3,405	9,260	190.77	3,754	11,121
190.26	3,411	9,294	190.78	3,760	11,159
190.27	3,418	9,328	190.79	3,767	11,197
190.28	3,425	9,363	190.80	3,774	11,234
190.29	3,432	9,397	190.81	3,781	11,272
190.30	3,438	9,431	190.82	3,787	11,310
190.31	3,445	9,466	190.83	3,794	11,348
190.32	3,452	9,500	190.84	3,801	11,386
190.33	3,458	9,535	190.85	3,807	11,424
190.34	3,465	9,569	190.86	3,814	11,462
190.35	3,472	9,604	190.87	3,821	11,500
190.36	3,479	9,639	190.88	3,827	11,538
190.37	3,485	9,674	190.89	3,834	11,577
190.38	3,492	9,709	190.90	3,841	11,615
190.39	3,499	9,743	190.91	3,848	11,653
190.40	3,505	9,778	190.92	3,854	11,692
190.41	3,512	9,814	190.93	3,861	11,731
190.42	3,519	9,849	190.94	3,868	11,769
190.43	3,526	9,884	190.95	3,874	11,808
190.44	3,532	9,919	190.96	3,881	11,847
190.45	3,539	9,955	190.97	3,888	11,886
190.46	3,546	9,990	190.98	3,895	11,924
190.47	3,552	10,026	190.99	3,901	11,963
190.48	3,559	10,061	191.00	3,908	12,003
190.49	3,566	10,097			
190.50	3,573	10,132			
190.51	3,579	10,168			
190.52	3,586	10,204			
190.53	3,593	10,240			
190.54	3,599	10,276			
190.55	3,606	10,312			
190.56	3,613	10,348			
190.57	3,619	10,384			
190.58	3,626	10,420			
190.59	3,633	10,457			
190.60	3,640	10,493			
190.61	3,646	10,529			
190.62	3,653	10,566			
190.63	3,660	10,602			
190.64	3,666	10,639			
190.65	3,673	10,676			
190.66	3,680	10,713			
190.67	3,687	10,749			

Summary for Pond B-19: Basin #19

Inflow Area = 1.715 ac, 34.81% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 15.36 cfs @ 12.17 hrs, Volume= 1.256 af
 Outflow = 13.50 cfs @ 12.23 hrs, Volume= 1.195 af, Atten= 12%, Lag= 3.3 min
 Primary = 13.50 cfs @ 12.23 hrs, Volume= 1.195 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 198.79' @ 12.23 hrs Surf.Area= 4,396 sf Storage= 11,729 cf

Plug-Flow detention time= 160.9 min calculated for 1.194 af (95% of inflow)
 Center-of-Mass det. time= 133.6 min (914.5 - 780.9)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	12,647 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

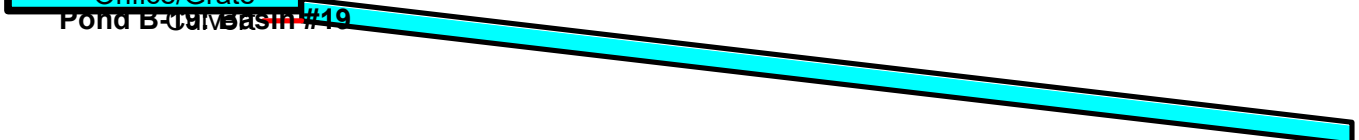
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	1,916	0	0
196.00	2,490	2,203	2,203
197.00	3,119	2,805	5,008
198.00	3,806	3,463	8,470
199.00	4,548	4,177	12,647

Device	Routing	Invert	Outlet Devices
#1	Primary	194.30'	18.0" Round Culvert L= 136.0' Ke= 0.500 Inlet / Outlet Invert= 194.30' / 185.86' S= 0.0621 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	196.13'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	198.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=13.30 cfs @ 12.23 hrs HW=198.78' (Free Discharge)

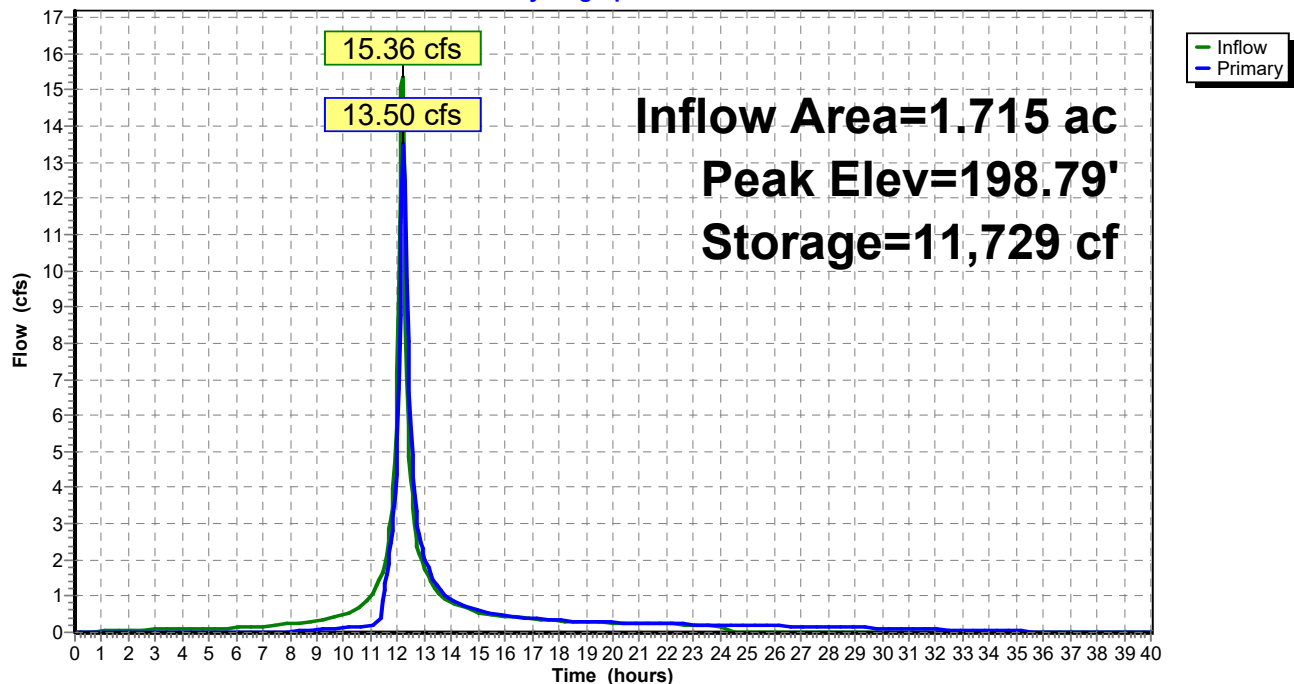
- 1=Culvert (Passes 13.30 cfs of 16.44 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.26 cfs @ 7.69 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 13.03 cfs @ 3.32 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-Culvert Basin #19



Pond B-19: Basin #19

Hydrograph



Hydrograph for Pond B-19: Basin #19

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.01	2	195.00	0.00
0.70	0.01	7	195.00	0.00
0.80	0.02	13	195.01	0.00
0.90	0.03	21	195.01	0.00
1.00	0.03	31	195.02	0.00
1.10	0.03	42	195.02	0.00
1.20	0.04	55	195.03	0.00
1.30	0.04	69	195.04	0.00
1.40	0.04	84	195.04	0.00
1.50	0.05	101	195.05	0.00
1.60	0.05	118	195.06	0.00
1.70	0.05	136	195.07	0.00
1.80	0.05	155	195.08	0.00
1.90	0.06	175	195.09	0.00
2.00	0.06	196	195.10	0.00
2.10	0.06	217	195.11	0.00
2.20	0.06	239	195.12	0.00
2.30	0.06	262	195.13	0.00
2.40	0.07	285	195.15	0.00
2.50	0.07	309	195.16	0.00
2.60	0.07	333	195.17	0.00
2.70	0.07	358	195.18	0.00
2.80	0.07	383	195.19	0.00
2.90	0.07	409	195.21	0.00
3.00	0.07	435	195.22	0.00
3.10	0.07	462	195.23	0.00
3.20	0.08	489	195.25	0.00
3.30	0.08	517	195.26	0.00
3.40	0.08	545	195.27	0.00
3.50	0.08	573	195.29	0.00
3.60	0.08	602	195.30	0.00
3.70	0.08	631	195.31	0.00
3.80	0.08	661	195.33	0.00
3.90	0.08	691	195.34	0.00
4.00	0.08	721	195.36	0.00
4.10	0.09	752	195.37	0.00
4.20	0.09	783	195.39	0.00
4.30	0.09	814	195.40	0.00
4.40	0.09	846	195.42	0.00
4.50	0.09	878	195.43	0.00
4.60	0.09	910	195.45	0.00
4.70	0.09	943	195.46	0.00
4.80	0.09	976	195.48	0.00
4.90	0.09	1,009	195.49	0.00
5.00	0.09	1,043	195.51	0.00
5.10	0.09	1,077	195.52	0.00

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,111	195.54	0.00
5.30	0.10	1,146	195.55	0.00
5.40	0.10	1,182	195.57	0.00
5.50	0.10	1,219	195.59	0.00
5.60	0.11	1,257	195.60	0.00
5.70	0.11	1,296	195.62	0.00
5.80	0.11	1,336	195.64	0.00
5.90	0.11	1,377	195.65	0.00
6.00	0.12	1,419	195.67	0.00
6.10	0.12	1,462	195.69	0.00
6.20	0.13	1,506	195.71	0.00
6.30	0.13	1,552	195.73	0.00
6.40	0.14	1,599	195.75	0.00
6.50	0.14	1,649	195.77	0.00
6.60	0.15	1,701	195.79	0.00
6.70	0.15	1,754	195.82	0.00
6.80	0.16	1,810	195.84	0.00
6.90	0.16	1,867	195.86	0.00
7.00	0.17	1,926	195.89	0.00
7.10	0.17	1,988	195.91	0.00
7.20	0.18	2,052	195.94	0.00
7.30	0.19	2,118	195.97	0.00
7.40	0.19	2,186	195.99	0.00
7.50	0.20	2,256	196.02	0.00
7.60	0.21	2,329	196.05	0.00
7.70	0.21	2,404	196.08	0.00
7.80	0.22	2,481	196.11	0.00
7.90	0.22	2,561	196.14	0.00
8.00	0.23	2,642	196.17	0.00
8.10	0.24	2,724	196.20	0.01
8.20	0.24	2,806	196.24	0.02
8.30	0.25	2,887	196.27	0.03
8.40	0.26	2,966	196.30	0.04
8.50	0.27	3,044	196.32	0.05
8.60	0.27	3,122	196.35	0.06
8.70	0.28	3,201	196.38	0.06
8.80	0.29	3,279	196.41	0.07
8.90	0.30	3,359	196.44	0.07
9.00	0.30	3,439	196.47	0.08
9.10	0.31	3,520	196.50	0.08
9.20	0.33	3,605	196.53	0.09
9.30	0.35	3,695	196.56	0.09
9.40	0.37	3,790	196.59	0.10
9.50	0.39	3,892	196.63	0.10
9.60	0.41	3,999	196.67	0.11
9.70	0.44	4,113	196.70	0.11
9.80	0.46	4,233	196.75	0.12
9.90	0.48	4,360	196.79	0.12
10.00	0.51	4,493	196.83	0.13
10.10	0.53	4,633	196.88	0.13
10.20	0.56	4,781	196.93	0.14
10.30	0.58	4,935	196.98	0.14

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.61	5,097	197.03	0.15
10.50	0.63	5,266	197.08	0.15
10.60	0.67	5,444	197.14	0.16
10.70	0.74	5,641	197.20	0.16
10.80	0.82	5,864	197.27	0.17
10.90	0.91	6,115	197.34	0.17
11.00	1.00	6,396	197.43	0.18
11.10	1.11	6,708	197.52	0.19
11.20	1.26	7,065	197.62	0.19
11.30	1.42	7,477	197.73	0.20
11.40	1.60	7,891	197.85	0.60
11.50	1.77	8,180	197.92	1.15
11.60	2.15	8,376	197.98	1.60
11.70	2.84	8,603	198.03	2.18
11.80	3.46	8,828	198.09	2.81
11.90	4.70	9,120	198.17	3.69
12.00	7.17	9,612	198.29	5.31
12.10	12.23	10,551	198.52	8.75
12.20	14.82	11,678	198.78	13.29
12.30	8.96	11,300	198.70	11.73
12.40	5.76	10,363	198.48	8.03
12.50	4.23	9,702	198.31	5.62
12.60	3.42	9,313	198.22	4.31
12.70	2.58	9,009	198.14	3.35
12.80	2.23	8,788	198.08	2.70
12.90	2.00	8,651	198.05	2.31
13.00	1.81	8,553	198.02	2.05
13.10	1.62	8,470	198.00	1.83
13.20	1.45	8,394	197.98	1.65
13.30	1.33	8,329	197.96	1.49
13.40	1.22	8,274	197.95	1.36
13.50	1.12	8,225	197.94	1.25
13.60	1.01	8,177	197.92	1.14
13.70	0.93	8,132	197.91	1.05
13.80	0.89	8,094	197.90	0.97
13.90	0.86	8,068	197.89	0.92
14.00	0.83	8,047	197.89	0.88
14.10	0.80	8,031	197.88	0.85
14.20	0.78	8,016	197.88	0.82
14.30	0.75	8,001	197.88	0.79
14.40	0.72	7,986	197.87	0.76
14.50	0.70	7,971	197.87	0.74
14.60	0.67	7,956	197.86	0.71
14.70	0.64	7,941	197.86	0.68
14.80	0.61	7,926	197.86	0.66
14.90	0.59	7,911	197.85	0.63
15.00	0.56	7,895	197.85	0.60
15.10	0.53	7,880	197.84	0.58
15.20	0.51	7,865	197.84	0.55
15.30	0.50	7,852	197.84	0.53
15.40	0.49	7,841	197.83	0.52
15.50	0.49	7,833	197.83	0.51

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	7,826	197.83	0.50
15.70	0.47	7,819	197.83	0.49
15.80	0.46	7,813	197.82	0.48
15.90	0.46	7,808	197.82	0.47
16.00	0.45	7,803	197.82	0.46
16.10	0.44	7,797	197.82	0.46
16.20	0.44	7,792	197.82	0.45
16.30	0.43	7,788	197.82	0.44
16.40	0.42	7,782	197.82	0.44
16.50	0.41	7,777	197.81	0.43
16.60	0.41	7,772	197.81	0.42
16.70	0.40	7,767	197.81	0.41
16.80	0.39	7,762	197.81	0.41
16.90	0.39	7,757	197.81	0.40
17.00	0.38	7,752	197.81	0.39
17.10	0.37	7,747	197.81	0.39
17.20	0.37	7,742	197.81	0.38
17.30	0.36	7,737	197.80	0.37
17.40	0.35	7,732	197.80	0.36
17.50	0.34	7,727	197.80	0.36
17.60	0.34	7,722	197.80	0.35
17.70	0.33	7,716	197.80	0.35
17.80	0.32	7,710	197.80	0.34
17.90	0.31	7,703	197.79	0.33
18.00	0.31	7,696	197.79	0.33
18.10	0.30	7,689	197.79	0.32
18.20	0.29	7,682	197.79	0.31
18.30	0.29	7,676	197.79	0.31
18.40	0.29	7,670	197.79	0.30
18.50	0.29	7,666	197.78	0.30
18.60	0.29	7,662	197.78	0.30
18.70	0.28	7,659	197.78	0.29
18.80	0.28	7,656	197.78	0.29
18.90	0.28	7,653	197.78	0.29
19.00	0.28	7,651	197.78	0.28
19.10	0.28	7,649	197.78	0.28
19.20	0.27	7,647	197.78	0.28
19.30	0.27	7,644	197.78	0.28
19.40	0.27	7,642	197.78	0.28
19.50	0.27	7,640	197.78	0.28
19.60	0.27	7,638	197.78	0.27
19.70	0.27	7,636	197.78	0.27
19.80	0.26	7,634	197.78	0.27
19.90	0.26	7,633	197.78	0.27
20.00	0.26	7,631	197.77	0.27
20.10	0.26	7,629	197.77	0.26
20.20	0.26	7,627	197.77	0.26
20.30	0.26	7,625	197.77	0.26
20.40	0.25	7,623	197.77	0.26
20.50	0.25	7,621	197.77	0.26
20.60	0.25	7,619	197.77	0.26
20.70	0.25	7,617	197.77	0.25

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	7,615	197.77	0.25
20.90	0.24	7,613	197.77	0.25
21.00	0.24	7,611	197.77	0.25
21.10	0.24	7,609	197.77	0.25
21.20	0.24	7,607	197.77	0.24
21.30	0.24	7,605	197.77	0.24
21.40	0.24	7,604	197.77	0.24
21.50	0.23	7,602	197.77	0.24
21.60	0.23	7,600	197.77	0.24
21.70	0.23	7,598	197.77	0.24
21.80	0.23	7,596	197.77	0.23
21.90	0.23	7,594	197.76	0.23
22.00	0.22	7,592	197.76	0.23
22.10	0.22	7,590	197.76	0.23
22.20	0.22	7,588	197.76	0.23
22.30	0.22	7,586	197.76	0.23
22.40	0.22	7,584	197.76	0.22
22.50	0.22	7,582	197.76	0.22
22.60	0.21	7,580	197.76	0.22
22.70	0.21	7,579	197.76	0.22
22.80	0.21	7,577	197.76	0.22
22.90	0.21	7,574	197.76	0.22
23.00	0.21	7,572	197.76	0.21
23.10	0.21	7,569	197.76	0.21
23.20	0.20	7,566	197.76	0.21
23.30	0.20	7,563	197.76	0.21
23.40	0.20	7,560	197.76	0.21
23.50	0.20	7,556	197.75	0.21
23.60	0.20	7,552	197.75	0.21
23.70	0.19	7,548	197.75	0.21
23.80	0.19	7,545	197.75	0.20
23.90	0.19	7,541	197.75	0.20
24.00	0.20	7,537	197.75	0.20
24.10	0.17	7,535	197.75	0.20
24.20	0.05	7,500	197.74	0.20
24.30	0.01	7,437	197.72	0.20
24.40	0.00	7,368	197.70	0.20
24.50	0.00	7,297	197.68	0.20
24.60	0.00	7,226	197.66	0.20
24.70	0.00	7,155	197.64	0.19
24.80	0.00	7,086	197.62	0.19
24.90	0.00	7,016	197.60	0.19
25.00	0.00	6,947	197.58	0.19
25.10	0.00	6,879	197.56	0.19
25.20	0.00	6,811	197.55	0.19
25.30	0.00	6,743	197.53	0.19
25.40	0.00	6,677	197.51	0.19
25.50	0.00	6,610	197.49	0.18
25.60	0.00	6,544	197.47	0.18
25.70	0.00	6,479	197.45	0.18
25.80	0.00	6,414	197.43	0.18
25.90	0.00	6,350	197.41	0.18

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,286	197.39	0.18
26.10	0.00	6,222	197.37	0.18
26.20	0.00	6,160	197.36	0.17
26.30	0.00	6,097	197.34	0.17
26.40	0.00	6,036	197.32	0.17
26.50	0.00	5,974	197.30	0.17
26.60	0.00	5,914	197.28	0.17
26.70	0.00	5,853	197.26	0.17
26.80	0.00	5,794	197.25	0.17
26.90	0.00	5,734	197.23	0.16
27.00	0.00	5,676	197.21	0.16
27.10	0.00	5,618	197.19	0.16
27.20	0.00	5,560	197.17	0.16
27.30	0.00	5,503	197.16	0.16
27.40	0.00	5,447	197.14	0.16
27.50	0.00	5,391	197.12	0.15
27.60	0.00	5,335	197.10	0.15
27.70	0.00	5,281	197.09	0.15
27.80	0.00	5,226	197.07	0.15
27.90	0.00	5,173	197.05	0.15
28.00	0.00	5,119	197.04	0.15
28.10	0.00	5,067	197.02	0.15
28.20	0.00	5,015	197.00	0.14
28.30	0.00	4,963	196.99	0.14
28.40	0.00	4,912	196.97	0.14
28.50	0.00	4,862	196.95	0.14
28.60	0.00	4,812	196.94	0.14
28.70	0.00	4,763	196.92	0.14
28.80	0.00	4,714	196.91	0.13
28.90	0.00	4,666	196.89	0.13
29.00	0.00	4,619	196.87	0.13
29.10	0.00	4,572	196.86	0.13
29.20	0.00	4,525	196.84	0.13
29.30	0.00	4,479	196.83	0.13
29.40	0.00	4,434	196.81	0.12
29.50	0.00	4,390	196.80	0.12
29.60	0.00	4,345	196.78	0.12
29.70	0.00	4,302	196.77	0.12
29.80	0.00	4,259	196.75	0.12
29.90	0.00	4,217	196.74	0.12
30.00	0.00	4,175	196.73	0.12
30.10	0.00	4,134	196.71	0.11
30.20	0.00	4,093	196.70	0.11
30.30	0.00	4,054	196.68	0.11
30.40	0.00	4,014	196.67	0.11
30.50	0.00	3,975	196.66	0.11
30.60	0.00	3,937	196.64	0.11
30.70	0.00	3,900	196.63	0.10
30.80	0.00	3,863	196.62	0.10
30.90	0.00	3,827	196.61	0.10
31.00	0.00	3,791	196.59	0.10
31.10	0.00	3,756	196.58	0.10

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,721	196.57	0.09
31.30	0.00	3,687	196.56	0.09
31.40	0.00	3,654	196.55	0.09
31.50	0.00	3,622	196.53	0.09
31.60	0.00	3,590	196.52	0.09
31.70	0.00	3,558	196.51	0.09
31.80	0.00	3,527	196.50	0.08
31.90	0.00	3,497	196.49	0.08
32.00	0.00	3,468	196.48	0.08
32.10	0.00	3,439	196.47	0.08
32.20	0.00	3,411	196.46	0.08
32.30	0.00	3,383	196.45	0.08
32.40	0.00	3,356	196.44	0.07
32.50	0.00	3,329	196.43	0.07
32.60	0.00	3,304	196.42	0.07
32.70	0.00	3,279	196.41	0.07
32.80	0.00	3,254	196.40	0.07
32.90	0.00	3,230	196.39	0.07
33.00	0.00	3,207	196.38	0.06
33.10	0.00	3,185	196.38	0.06
33.20	0.00	3,163	196.37	0.06
33.30	0.00	3,141	196.36	0.06
33.40	0.00	3,121	196.35	0.06
33.50	0.00	3,101	196.35	0.05
33.60	0.00	3,081	196.34	0.05
33.70	0.00	3,063	196.33	0.05
33.80	0.00	3,044	196.32	0.05
33.90	0.00	3,027	196.32	0.05
34.00	0.00	3,010	196.31	0.05
34.10	0.00	2,994	196.31	0.04
34.20	0.00	2,979	196.30	0.04
34.30	0.00	2,964	196.29	0.04
34.40	0.00	2,950	196.29	0.04
34.50	0.00	2,937	196.28	0.04
34.60	0.00	2,924	196.28	0.03
34.70	0.00	2,912	196.28	0.03
34.80	0.00	2,900	196.27	0.03
34.90	0.00	2,889	196.27	0.03
35.00	0.00	2,879	196.26	0.03
35.10	0.00	2,869	196.26	0.03
35.20	0.00	2,859	196.26	0.03
35.30	0.00	2,850	196.25	0.02
35.40	0.00	2,841	196.25	0.02
35.50	0.00	2,833	196.25	0.02
35.60	0.00	2,825	196.24	0.02
35.70	0.00	2,818	196.24	0.02
35.80	0.00	2,810	196.24	0.02
35.90	0.00	2,803	196.23	0.02
36.00	0.00	2,797	196.23	0.02
36.10	0.00	2,790	196.23	0.02
36.20	0.00	2,784	196.23	0.02
36.30	0.00	2,778	196.22	0.02

Hydrograph for Pond B-19: Basin #19 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,772	196.22	0.02
36.50	0.00	2,767	196.22	0.01
36.60	0.00	2,762	196.22	0.01
36.70	0.00	2,757	196.22	0.01
36.80	0.00	2,752	196.21	0.01
36.90	0.00	2,747	196.21	0.01
37.00	0.00	2,743	196.21	0.01
37.10	0.00	2,738	196.21	0.01
37.20	0.00	2,734	196.21	0.01
37.30	0.00	2,730	196.21	0.01
37.40	0.00	2,726	196.20	0.01
37.50	0.00	2,723	196.20	0.01
37.60	0.00	2,719	196.20	0.01
37.70	0.00	2,716	196.20	0.01
37.80	0.00	2,712	196.20	0.01
37.90	0.00	2,709	196.20	0.01
38.00	0.00	2,706	196.20	0.01
38.10	0.00	2,703	196.20	0.01
38.20	0.00	2,700	196.19	0.01
38.30	0.00	2,697	196.19	0.01
38.40	0.00	2,694	196.19	0.01
38.50	0.00	2,692	196.19	0.01
38.60	0.00	2,689	196.19	0.01
38.70	0.00	2,686	196.19	0.01
38.80	0.00	2,684	196.19	0.01
38.90	0.00	2,681	196.19	0.01
39.00	0.00	2,679	196.19	0.01
39.10	0.00	2,677	196.19	0.01
39.20	0.00	2,674	196.18	0.01
39.30	0.00	2,672	196.18	0.01
39.40	0.00	2,670	196.18	0.01
39.50	0.00	2,668	196.18	0.01
39.60	0.00	2,666	196.18	0.01
39.70	0.00	2,664	196.18	0.01
39.80	0.00	2,662	196.18	0.01
39.90	0.00	2,660	196.18	0.01
40.00	0.00	2,658	196.18	0.01

Stage-Discharge for Pond B-19: Basin #19

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	0.00	196.56	0.09
195.01	0.00	195.53	0.00	196.05	0.00	196.57	0.10
195.02	0.00	195.54	0.00	196.06	0.00	196.58	0.10
195.03	0.00	195.55	0.00	196.07	0.00	196.59	0.10
195.04	0.00	195.56	0.00	196.08	0.00	196.60	0.10
195.05	0.00	195.57	0.00	196.09	0.00	196.61	0.10
195.06	0.00	195.58	0.00	196.10	0.00	196.62	0.10
195.07	0.00	195.59	0.00	196.11	0.00	196.63	0.10
195.08	0.00	195.60	0.00	196.12	0.00	196.64	0.10
195.09	0.00	195.61	0.00	196.13	0.00	196.65	0.11
195.10	0.00	195.62	0.00	196.14	0.00	196.66	0.11
195.11	0.00	195.63	0.00	196.15	0.00	196.67	0.11
195.12	0.00	195.64	0.00	196.16	0.00	196.68	0.11
195.13	0.00	195.65	0.00	196.17	0.00	196.69	0.11
195.14	0.00	195.66	0.00	196.18	0.00	196.70	0.11
195.15	0.00	195.67	0.00	196.19	0.01	196.71	0.11
195.16	0.00	195.68	0.00	196.20	0.01	196.72	0.11
195.17	0.00	195.69	0.00	196.21	0.01	196.73	0.12
195.18	0.00	195.70	0.00	196.22	0.01	196.74	0.12
195.19	0.00	195.71	0.00	196.23	0.02	196.75	0.12
195.20	0.00	195.72	0.00	196.24	0.02	196.76	0.12
195.21	0.00	195.73	0.00	196.25	0.02	196.77	0.12
195.22	0.00	195.74	0.00	196.26	0.03	196.78	0.12
195.23	0.00	195.75	0.00	196.27	0.03	196.79	0.12
195.24	0.00	195.76	0.00	196.28	0.03	196.80	0.12
195.25	0.00	195.77	0.00	196.29	0.04	196.81	0.12
195.26	0.00	195.78	0.00	196.30	0.04	196.82	0.13
195.27	0.00	195.79	0.00	196.31	0.05	196.83	0.13
195.28	0.00	195.80	0.00	196.32	0.05	196.84	0.13
195.29	0.00	195.81	0.00	196.33	0.05	196.85	0.13
195.30	0.00	195.82	0.00	196.34	0.05	196.86	0.13
195.31	0.00	195.83	0.00	196.35	0.06	196.87	0.13
195.32	0.00	195.84	0.00	196.36	0.06	196.88	0.13
195.33	0.00	195.85	0.00	196.37	0.06	196.89	0.13
195.34	0.00	195.86	0.00	196.38	0.06	196.90	0.13
195.35	0.00	195.87	0.00	196.39	0.06	196.91	0.13
195.36	0.00	195.88	0.00	196.40	0.07	196.92	0.14
195.37	0.00	195.89	0.00	196.41	0.07	196.93	0.14
195.38	0.00	195.90	0.00	196.42	0.07	196.94	0.14
195.39	0.00	195.91	0.00	196.43	0.07	196.95	0.14
195.40	0.00	195.92	0.00	196.44	0.07	196.96	0.14
195.41	0.00	195.93	0.00	196.45	0.08	196.97	0.14
195.42	0.00	195.94	0.00	196.46	0.08	196.98	0.14
195.43	0.00	195.95	0.00	196.47	0.08	196.99	0.14
195.44	0.00	195.96	0.00	196.48	0.08	197.00	0.14
195.45	0.00	195.97	0.00	196.49	0.08	197.01	0.14
195.46	0.00	195.98	0.00	196.50	0.08	197.02	0.15
195.47	0.00	195.99	0.00	196.51	0.09	197.03	0.15
195.48	0.00	196.00	0.00	196.52	0.09	197.04	0.15
195.49	0.00	196.01	0.00	196.53	0.09	197.05	0.15
195.50	0.00	196.02	0.00	196.54	0.09	197.06	0.15
195.51	0.00	196.03	0.00	196.55	0.09	197.07	0.15

Stage-Discharge for Pond B-19: Basin #19 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	0.15	197.60	0.19	198.12	3.11	198.64	10.75
197.09	0.15	197.61	0.19	198.13	3.23	198.65	10.92
197.10	0.15	197.62	0.19	198.14	3.35	198.66	11.09
197.11	0.15	197.63	0.19	198.15	3.47	198.67	11.27
197.12	0.15	197.64	0.19	198.16	3.59	198.68	11.44
197.13	0.16	197.65	0.20	198.17	3.71	198.69	11.62
197.14	0.16	197.66	0.20	198.18	3.84	198.70	11.79
197.15	0.16	197.67	0.20	198.19	3.96	198.71	11.97
197.16	0.16	197.68	0.20	198.20	4.09	198.72	12.15
197.17	0.16	197.69	0.20	198.21	4.22	198.73	12.33
197.18	0.16	197.70	0.20	198.22	4.35	198.74	12.51
197.19	0.16	197.71	0.20	198.23	4.48	198.75	12.69
197.20	0.16	197.72	0.20	198.24	4.61	198.76	12.87
197.21	0.16	197.73	0.20	198.25	4.74	198.77	13.05
197.22	0.16	197.74	0.20	198.26	4.88	198.78	13.23
197.23	0.16	197.75	0.20	198.27	5.01	198.79	13.41
197.24	0.16	197.76	0.22	198.28	5.15	198.80	13.60
197.25	0.17	197.77	0.24	198.29	5.29	198.81	13.78
197.26	0.17	197.78	0.27	198.30	5.42	198.82	13.97
197.27	0.17	197.79	0.31	198.31	5.56	198.83	14.15
197.28	0.17	197.80	0.35	198.32	5.71	198.84	14.34
197.29	0.17	197.81	0.40	198.33	5.85	198.85	14.53
197.30	0.17	197.82	0.45	198.34	5.99	198.86	14.71
197.31	0.17	197.83	0.50	198.35	6.14	198.87	14.90
197.32	0.17	197.84	0.56	198.36	6.28	198.88	15.09
197.33	0.17	197.85	0.62	198.37	6.43	198.89	15.28
197.34	0.17	197.86	0.68	198.38	6.58	198.90	15.47
197.35	0.17	197.87	0.75	198.39	6.72	198.91	15.66
197.36	0.17	197.88	0.82	198.40	6.87	198.92	15.85
197.37	0.17	197.89	0.89	198.41	7.02	198.93	16.05
197.38	0.18	197.90	0.97	198.42	7.18	198.94	16.24
197.39	0.18	197.91	1.04	198.43	7.33	198.95	16.43
197.40	0.18	197.92	1.12	198.44	7.48	198.96	16.74
197.41	0.18	197.93	1.20	198.45	7.64	198.97	17.15
197.42	0.18	197.94	1.29	198.46	7.79	198.98	17.48
197.43	0.18	197.95	1.37	198.47	7.95	198.99	17.83
197.44	0.18	197.96	1.46	198.48	8.11	199.00	18.22
197.45	0.18	197.97	1.55	198.49	8.26		
197.46	0.18	197.98	1.64	198.50	8.42		
197.47	0.18	197.99	1.74	198.51	8.58		
197.48	0.18	198.00	1.83	198.52	8.75		
197.49	0.18	198.01	1.93	198.53	8.91		
197.50	0.18	198.02	2.03	198.54	9.07		
197.51	0.19	198.03	2.13	198.55	9.23		
197.52	0.19	198.04	2.23	198.56	9.40		
197.53	0.19	198.05	2.34	198.57	9.57		
197.54	0.19	198.06	2.44	198.58	9.73		
197.55	0.19	198.07	2.55	198.59	9.90		
197.56	0.19	198.08	2.66	198.60	10.07		
197.57	0.19	198.09	2.77	198.61	10.24		
197.58	0.19	198.10	2.89	198.62	10.41		
197.59	0.19	198.11	3.00	198.63	10.58		

Stage-Area-Storage for Pond B-19: Basin #19

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	1,916	0	195.52	2,214	1,074
195.01	1,922	19	195.53	2,220	1,096
195.02	1,927	38	195.54	2,226	1,118
195.03	1,933	58	195.55	2,232	1,141
195.04	1,939	77	195.56	2,237	1,163
195.05	1,945	97	195.57	2,243	1,185
195.06	1,950	116	195.58	2,249	1,208
195.07	1,956	136	195.59	2,255	1,230
195.08	1,962	155	195.60	2,260	1,253
195.09	1,968	175	195.61	2,266	1,276
195.10	1,973	194	195.62	2,272	1,298
195.11	1,979	214	195.63	2,278	1,321
195.12	1,985	234	195.64	2,283	1,344
195.13	1,991	254	195.65	2,289	1,367
195.14	1,996	274	195.66	2,295	1,390
195.15	2,002	294	195.67	2,301	1,413
195.16	2,008	314	195.68	2,306	1,436
195.17	2,014	334	195.69	2,312	1,459
195.18	2,019	354	195.70	2,318	1,482
195.19	2,025	374	195.71	2,324	1,505
195.20	2,031	395	195.72	2,329	1,528
195.21	2,037	415	195.73	2,335	1,552
195.22	2,042	435	195.74	2,341	1,575
195.23	2,048	456	195.75	2,347	1,598
195.24	2,054	476	195.76	2,352	1,622
195.25	2,060	497	195.77	2,358	1,645
195.26	2,065	518	195.78	2,364	1,669
195.27	2,071	538	195.79	2,369	1,693
195.28	2,077	559	195.80	2,375	1,716
195.29	2,082	580	195.81	2,381	1,740
195.30	2,088	601	195.82	2,387	1,764
195.31	2,094	622	195.83	2,392	1,788
195.32	2,100	643	195.84	2,398	1,812
195.33	2,105	664	195.85	2,404	1,836
195.34	2,111	685	195.86	2,410	1,860
195.35	2,117	706	195.87	2,415	1,884
195.36	2,123	727	195.88	2,421	1,908
195.37	2,128	748	195.89	2,427	1,933
195.38	2,134	770	195.90	2,433	1,957
195.39	2,140	791	195.91	2,438	1,981
195.40	2,146	812	195.92	2,444	2,006
195.41	2,151	834	195.93	2,450	2,030
195.42	2,157	855	195.94	2,456	2,055
195.43	2,163	877	195.95	2,461	2,079
195.44	2,169	899	195.96	2,467	2,104
195.45	2,174	920	195.97	2,473	2,129
195.46	2,180	942	195.98	2,479	2,153
195.47	2,186	964	195.99	2,484	2,178
195.48	2,192	986	196.00	2,490	2,203
195.49	2,197	1,008	196.01	2,496	2,228
195.50	2,203	1,030	196.02	2,503	2,253
195.51	2,209	1,052	196.03	2,509	2,278

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	2,515	2,303	196.56	2,842	3,696
196.05	2,521	2,328	196.57	2,849	3,724
196.06	2,528	2,354	196.58	2,855	3,753
196.07	2,534	2,379	196.59	2,861	3,782
196.08	2,540	2,404	196.60	2,867	3,810
196.09	2,547	2,430	196.61	2,874	3,839
196.10	2,553	2,455	196.62	2,880	3,868
196.11	2,559	2,481	196.63	2,886	3,897
196.12	2,565	2,506	196.64	2,893	3,925
196.13	2,572	2,532	196.65	2,899	3,954
196.14	2,578	2,558	196.66	2,905	3,983
196.15	2,584	2,584	196.67	2,911	4,012
196.16	2,591	2,609	196.68	2,918	4,042
196.17	2,597	2,635	196.69	2,924	4,071
196.18	2,603	2,661	196.70	2,930	4,100
196.19	2,610	2,687	196.71	2,937	4,129
196.20	2,616	2,714	196.72	2,943	4,159
196.21	2,622	2,740	196.73	2,949	4,188
196.22	2,628	2,766	196.74	2,955	4,218
196.23	2,635	2,792	196.75	2,962	4,247
196.24	2,641	2,819	196.76	2,968	4,277
196.25	2,647	2,845	196.77	2,974	4,307
196.26	2,654	2,872	196.78	2,981	4,337
196.27	2,660	2,898	196.79	2,987	4,366
196.28	2,666	2,925	196.80	2,993	4,396
196.29	2,672	2,952	196.81	2,999	4,426
196.30	2,679	2,978	196.82	3,006	4,456
196.31	2,685	3,005	196.83	3,012	4,486
196.32	2,691	3,032	196.84	3,018	4,517
196.33	2,698	3,059	196.85	3,025	4,547
196.34	2,704	3,086	196.86	3,031	4,577
196.35	2,710	3,113	196.87	3,037	4,607
196.36	2,716	3,140	196.88	3,044	4,638
196.37	2,723	3,167	196.89	3,050	4,668
196.38	2,729	3,195	196.90	3,056	4,699
196.39	2,735	3,222	196.91	3,062	4,729
196.40	2,742	3,249	196.92	3,069	4,760
196.41	2,748	3,277	196.93	3,075	4,791
196.42	2,754	3,304	196.94	3,081	4,821
196.43	2,760	3,332	196.95	3,088	4,852
196.44	2,767	3,359	196.96	3,094	4,883
196.45	2,773	3,387	196.97	3,100	4,914
196.46	2,779	3,415	196.98	3,106	4,945
196.47	2,786	3,443	196.99	3,113	4,976
196.48	2,792	3,471	197.00	3,119	5,008
196.49	2,798	3,499	197.01	3,126	5,039
196.50	2,805	3,527	197.02	3,133	5,070
196.51	2,811	3,555	197.03	3,140	5,101
196.52	2,817	3,583	197.04	3,146	5,133
196.53	2,823	3,611	197.05	3,153	5,164
196.54	2,830	3,639	197.06	3,160	5,196
196.55	2,836	3,668	197.07	3,167	5,228

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	3,174	5,259	197.60	3,531	7,003
197.09	3,181	5,291	197.61	3,538	7,038
197.10	3,188	5,323	197.62	3,545	7,073
197.11	3,195	5,355	197.63	3,552	7,109
197.12	3,201	5,387	197.64	3,559	7,144
197.13	3,208	5,419	197.65	3,566	7,180
197.14	3,215	5,451	197.66	3,572	7,216
197.15	3,222	5,483	197.67	3,579	7,251
197.16	3,229	5,515	197.68	3,586	7,287
197.17	3,236	5,548	197.69	3,593	7,323
197.18	3,243	5,580	197.70	3,600	7,359
197.19	3,250	5,613	197.71	3,607	7,395
197.20	3,256	5,645	197.72	3,614	7,431
197.21	3,263	5,678	197.73	3,621	7,467
197.22	3,270	5,710	197.74	3,627	7,504
197.23	3,277	5,743	197.75	3,634	7,540
197.24	3,284	5,776	197.76	3,641	7,576
197.25	3,291	5,809	197.77	3,648	7,613
197.26	3,298	5,842	197.78	3,655	7,649
197.27	3,304	5,875	197.79	3,662	7,686
197.28	3,311	5,908	197.80	3,669	7,723
197.29	3,318	5,941	197.81	3,675	7,759
197.30	3,325	5,974	197.82	3,682	7,796
197.31	3,332	6,007	197.83	3,689	7,833
197.32	3,339	6,041	197.84	3,696	7,870
197.33	3,346	6,074	197.85	3,703	7,907
197.34	3,353	6,108	197.86	3,710	7,944
197.35	3,359	6,141	197.87	3,717	7,981
197.36	3,366	6,175	197.88	3,724	8,018
197.37	3,373	6,209	197.89	3,730	8,055
197.38	3,380	6,242	197.90	3,737	8,093
197.39	3,387	6,276	197.91	3,744	8,130
197.40	3,394	6,310	197.92	3,751	8,168
197.41	3,401	6,344	197.93	3,758	8,205
197.42	3,408	6,378	197.94	3,765	8,243
197.43	3,414	6,412	197.95	3,772	8,281
197.44	3,421	6,446	197.96	3,779	8,318
197.45	3,428	6,481	197.97	3,785	8,356
197.46	3,435	6,515	197.98	3,792	8,394
197.47	3,442	6,549	197.99	3,799	8,432
197.48	3,449	6,584	198.00	3,806	8,470
197.49	3,456	6,618	198.01	3,813	8,508
197.50	3,463	6,653	198.02	3,821	8,546
197.51	3,469	6,688	198.03	3,828	8,585
197.52	3,476	6,722	198.04	3,836	8,623
197.53	3,483	6,757	198.05	3,843	8,661
197.54	3,490	6,792	198.06	3,851	8,700
197.55	3,497	6,827	198.07	3,858	8,738
197.56	3,504	6,862	198.08	3,865	8,777
197.57	3,511	6,897	198.09	3,873	8,816
197.58	3,517	6,932	198.10	3,880	8,854
197.59	3,524	6,967	198.11	3,888	8,893

Stage-Area-Storage for Pond B-19: Basin #19 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
198.12	3,895	8,932	198.64	4,281	11,058
198.13	3,902	8,971	198.65	4,288	11,101
198.14	3,910	9,010	198.66	4,296	11,144
198.15	3,917	9,049	198.67	4,303	11,187
198.16	3,925	9,088	198.68	4,311	11,230
198.17	3,932	9,128	198.69	4,318	11,273
198.18	3,940	9,167	198.70	4,325	11,316
198.19	3,947	9,207	198.71	4,333	11,359
198.20	3,954	9,246	198.72	4,340	11,403
198.21	3,962	9,286	198.73	4,348	11,446
198.22	3,969	9,325	198.74	4,355	11,490
198.23	3,977	9,365	198.75	4,363	11,533
198.24	3,984	9,405	198.76	4,370	11,577
198.25	3,992	9,445	198.77	4,377	11,621
198.26	3,999	9,485	198.78	4,385	11,664
198.27	4,006	9,525	198.79	4,392	11,708
198.28	4,014	9,565	198.80	4,400	11,752
198.29	4,021	9,605	198.81	4,407	11,796
198.30	4,029	9,645	198.82	4,414	11,840
198.31	4,036	9,686	198.83	4,422	11,885
198.32	4,043	9,726	198.84	4,429	11,929
198.33	4,051	9,766	198.85	4,437	11,973
198.34	4,058	9,807	198.86	4,444	12,018
198.35	4,066	9,848	198.87	4,452	12,062
198.36	4,073	9,888	198.88	4,459	12,107
198.37	4,081	9,929	198.89	4,466	12,151
198.38	4,088	9,970	198.90	4,474	12,196
198.39	4,095	10,011	198.91	4,481	12,241
198.40	4,103	10,052	198.92	4,489	12,286
198.41	4,110	10,093	198.93	4,496	12,330
198.42	4,118	10,134	198.94	4,503	12,375
198.43	4,125	10,175	198.95	4,511	12,421
198.44	4,132	10,216	198.96	4,518	12,466
198.45	4,140	10,258	198.97	4,526	12,511
198.46	4,147	10,299	198.98	4,533	12,556
198.47	4,155	10,341	198.99	4,541	12,602
198.48	4,162	10,382	199.00	4,548	12,647
198.49	4,170	10,424			
198.50	4,177	10,466			
198.51	4,184	10,508			
198.52	4,192	10,549			
198.53	4,199	10,591			
198.54	4,207	10,633			
198.55	4,214	10,676			
198.56	4,222	10,718			
198.57	4,229	10,760			
198.58	4,236	10,802			
198.59	4,244	10,845			
198.60	4,251	10,887			
198.61	4,259	10,930			
198.62	4,266	10,972			
198.63	4,273	11,015			

Summary for Pond B-20: Basin #20

Inflow Area = 2.453 ac, 46.07% Impervious, Inflow Depth = 9.14" for Future 100 yr event
 Inflow = 22.45 cfs @ 12.17 hrs, Volume= 1.867 af
 Outflow = 13.33 cfs @ 12.30 hrs, Volume= 1.732 af, Atten= 41%, Lag= 7.9 min
 Primary = 13.33 cfs @ 12.30 hrs, Volume= 1.732 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 154.20' @ 12.30 hrs Surf.Area= 8,523 sf Storage= 23,085 cf

Plug-Flow detention time= 181.4 min calculated for 1.732 af (93% of inflow)
 Center-of-Mass det. time= 141.0 min (913.9 - 772.9)

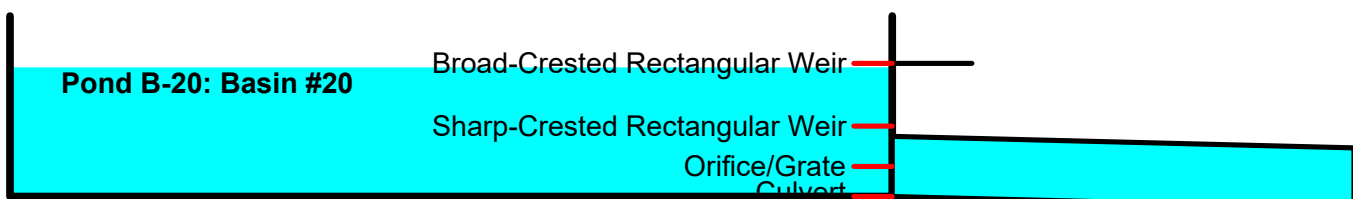
Volume	Invert	Avail.Storage	Storage Description
#1	151.00'	34,845 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
151.00	5,926	0	0
152.00	6,706	6,316	6,316
153.00	7,514	7,110	13,426
154.00	8,347	7,931	21,357
155.00	9,205	8,776	30,133
155.50	9,643	4,712	34,845

Device	Routing	Invert	Outlet Devices
#1	Primary	151.00'	18.0" Round Culvert L= 29.0' Ke= 0.500 Inlet / Outlet Invert= 151.00' / 150.71' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	151.75'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.75'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.32'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

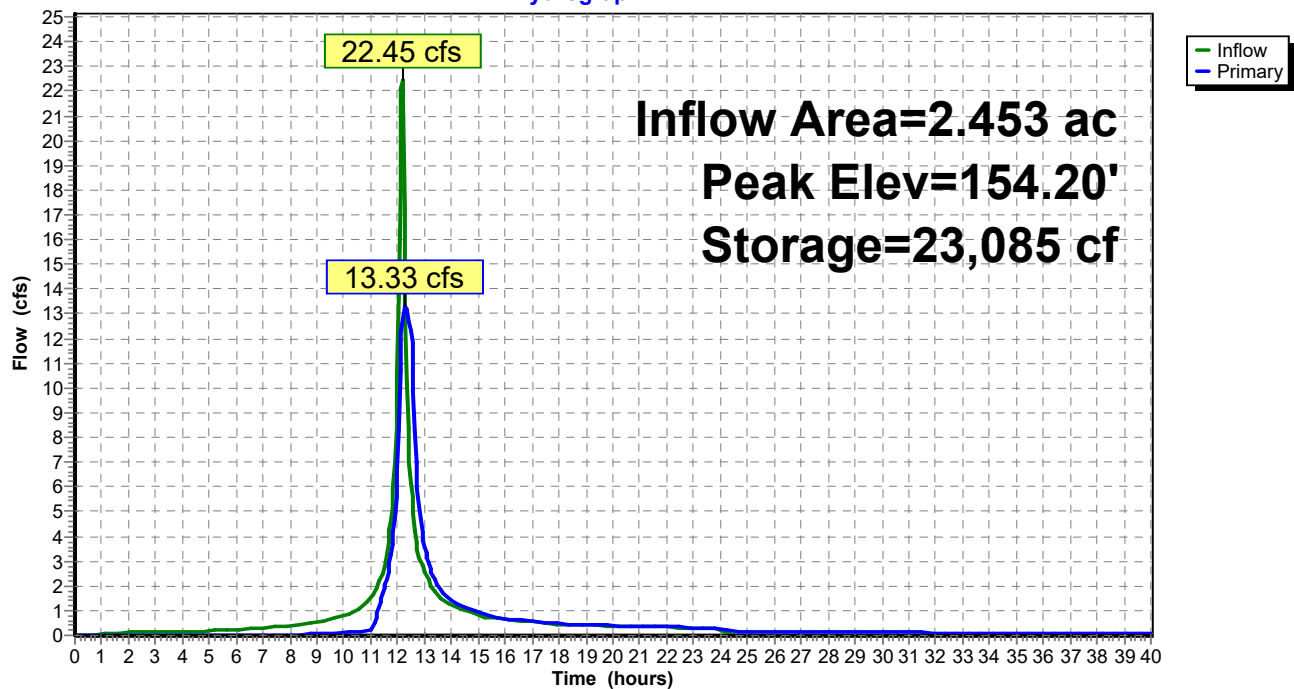
Primary OutFlow Max=13.33 cfs @ 12.30 hrs HW=154.20' (Free Discharge)

1=Culvert (Inlet Controls 13.33 cfs @ 7.54 fps)
 2=Orifice/Grate (Passes < 0.25 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 21.26 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-20: Basin #20

Hydrograph



Hydrograph for Pond B-20: Basin #20

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	151.00	0.00
0.10	0.00	0	151.00	0.00
0.20	0.00	0	151.00	0.00
0.30	0.00	0	151.00	0.00
0.40	0.00	0	151.00	0.00
0.50	0.01	1	151.00	0.00
0.60	0.02	5	151.00	0.00
0.70	0.03	12	151.00	0.00
0.80	0.04	24	151.00	0.00
0.90	0.05	40	151.01	0.00
1.00	0.06	58	151.01	0.00
1.10	0.06	80	151.01	0.00
1.20	0.07	104	151.02	0.00
1.30	0.08	131	151.02	0.00
1.40	0.08	160	151.03	0.00
1.50	0.09	191	151.03	0.00
1.60	0.09	224	151.04	0.00
1.70	0.10	258	151.04	0.00
1.80	0.10	294	151.05	0.00
1.90	0.11	332	151.06	0.00
2.00	0.11	371	151.06	0.00
2.10	0.11	411	151.07	0.00
2.20	0.12	453	151.08	0.00
2.30	0.12	495	151.08	0.00
2.40	0.12	539	151.09	0.00
2.50	0.13	584	151.10	0.00
2.60	0.13	630	151.11	0.00
2.70	0.13	677	151.11	0.00
2.80	0.13	725	151.12	0.00
2.90	0.14	774	151.13	0.00
3.00	0.14	824	151.14	0.00
3.10	0.14	875	151.15	0.00
3.20	0.14	926	151.15	0.00
3.30	0.15	978	151.16	0.00
3.40	0.15	1,031	151.17	0.00
3.50	0.15	1,085	151.18	0.00
3.60	0.15	1,140	151.19	0.00
3.70	0.15	1,195	151.20	0.00
3.80	0.16	1,251	151.21	0.00
3.90	0.16	1,308	151.22	0.00
4.00	0.16	1,365	151.23	0.00
4.10	0.16	1,423	151.24	0.00
4.20	0.16	1,481	151.25	0.00
4.30	0.17	1,541	151.26	0.00
4.40	0.17	1,601	151.27	0.00
4.50	0.17	1,662	151.28	0.00
4.60	0.17	1,723	151.29	0.00
4.70	0.17	1,785	151.30	0.00
4.80	0.17	1,847	151.31	0.00
4.90	0.18	1,910	151.32	0.00
5.00	0.18	1,974	151.33	0.00
5.10	0.18	2,038	151.34	0.00

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.18	2,103	151.35	0.00
5.30	0.19	2,169	151.36	0.00
5.40	0.19	2,236	151.37	0.00
5.50	0.19	2,305	151.38	0.00
5.60	0.20	2,375	151.39	0.00
5.70	0.20	2,447	151.40	0.00
5.80	0.20	2,519	151.41	0.00
5.90	0.21	2,593	151.43	0.00
6.00	0.21	2,669	151.44	0.00
6.10	0.22	2,746	151.45	0.00
6.20	0.22	2,825	151.46	0.00
6.30	0.23	2,906	151.48	0.00
6.40	0.24	2,991	151.49	0.00
6.50	0.25	3,078	151.50	0.00
6.60	0.26	3,168	151.52	0.00
6.70	0.26	3,262	151.53	0.00
6.80	0.27	3,358	151.55	0.00
6.90	0.28	3,457	151.56	0.00
7.00	0.29	3,560	151.58	0.00
7.10	0.30	3,665	151.60	0.00
7.20	0.31	3,774	151.61	0.00
7.30	0.32	3,887	151.63	0.00
7.40	0.32	4,002	151.65	0.00
7.50	0.33	4,121	151.67	0.00
7.60	0.34	4,243	151.69	0.00
7.70	0.35	4,369	151.70	0.00
7.80	0.36	4,498	151.72	0.00
7.90	0.37	4,630	151.74	0.00
8.00	0.38	4,766	151.77	0.00
8.10	0.39	4,905	151.79	0.00
8.20	0.40	5,047	151.81	0.01
8.30	0.41	5,190	151.83	0.01
8.40	0.42	5,335	151.85	0.02
8.50	0.43	5,482	151.87	0.03
8.60	0.44	5,629	151.90	0.03
8.70	0.45	5,777	151.92	0.04
8.80	0.47	5,927	151.94	0.05
8.90	0.48	6,078	151.96	0.05
9.00	0.49	6,231	151.99	0.06
9.10	0.50	6,386	152.01	0.06
9.20	0.53	6,547	152.03	0.07
9.30	0.56	6,717	152.06	0.07
9.40	0.59	6,897	152.09	0.08
9.50	0.62	7,086	152.11	0.08
9.60	0.66	7,286	152.14	0.09
9.70	0.69	7,495	152.17	0.09
9.80	0.72	7,716	152.21	0.10
9.90	0.76	7,946	152.24	0.10
10.00	0.79	8,188	152.27	0.11
10.10	0.83	8,441	152.31	0.11
10.20	0.87	8,706	152.35	0.12
10.30	0.90	8,981	152.39	0.12

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.94	9,269	152.43	0.12
10.50	0.98	9,568	152.47	0.13
10.60	1.04	9,881	152.52	0.13
10.70	1.14	10,224	152.56	0.14
10.80	1.27	10,606	152.62	0.14
10.90	1.39	11,032	152.68	0.15
11.00	1.53	11,503	152.74	0.15
11.10	1.69	11,995	152.81	0.35
11.20	1.91	12,454	152.87	0.71
11.30	2.16	12,857	152.92	1.12
11.40	2.41	13,205	152.97	1.52
11.50	2.66	13,505	153.01	1.89
11.60	3.22	13,794	153.05	2.29
11.70	4.25	14,219	153.10	2.90
11.80	5.16	14,715	153.17	3.67
11.90	6.97	15,366	153.25	4.76
12.00	10.59	16,419	153.39	6.69
12.10	17.94	18,383	153.64	10.67
12.20	21.63	21,596	154.03	12.84
12.30	13.06	23,085	154.20	13.33
12.40	8.37	22,111	154.09	13.02
12.50	6.14	20,110	153.85	12.33
12.60	4.96	17,991	153.59	9.84
12.70	3.74	16,554	153.41	6.94
12.80	3.22	15,629	153.29	5.23
12.90	2.90	15,042	153.21	4.21
13.00	2.61	14,641	153.16	3.55
13.10	2.34	14,340	153.12	3.09
13.20	2.09	14,093	153.09	2.72
13.30	1.92	13,891	153.06	2.42
13.40	1.76	13,724	153.04	2.19
13.50	1.61	13,580	153.02	1.99
13.60	1.47	13,448	153.00	1.82
13.70	1.34	13,326	152.99	1.66
13.80	1.28	13,223	152.97	1.54
13.90	1.24	13,140	152.96	1.44
14.00	1.20	13,075	152.95	1.36
14.10	1.16	13,021	152.95	1.30
14.20	1.12	12,974	152.94	1.24
14.30	1.08	12,932	152.93	1.19
14.40	1.04	12,892	152.93	1.15
14.50	1.01	12,854	152.92	1.11
14.60	0.97	12,816	152.92	1.07
14.70	0.93	12,778	152.91	1.03
14.80	0.89	12,741	152.91	0.99
14.90	0.85	12,704	152.90	0.95
15.00	0.81	12,667	152.90	0.91
15.10	0.77	12,630	152.89	0.87
15.20	0.74	12,594	152.89	0.84
15.30	0.72	12,561	152.88	0.81
15.40	0.71	12,533	152.88	0.78
15.50	0.70	12,509	152.88	0.76

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.69	12,489	152.87	0.74
15.70	0.68	12,472	152.87	0.73
15.80	0.67	12,456	152.87	0.71
15.90	0.66	12,441	152.87	0.70
16.00	0.65	12,427	152.87	0.69
16.10	0.64	12,414	152.86	0.67
16.20	0.63	12,402	152.86	0.66
16.30	0.62	12,390	152.86	0.65
16.40	0.61	12,378	152.86	0.64
16.50	0.60	12,366	152.86	0.63
16.60	0.59	12,354	152.86	0.62
16.70	0.58	12,343	152.85	0.61
16.80	0.57	12,332	152.85	0.60
16.90	0.56	12,320	152.85	0.59
17.00	0.55	12,308	152.85	0.58
17.10	0.54	12,297	152.85	0.57
17.20	0.53	12,286	152.85	0.56
17.30	0.52	12,275	152.85	0.55
17.40	0.50	12,263	152.84	0.54
17.50	0.50	12,250	152.84	0.53
17.60	0.49	12,238	152.84	0.52
17.70	0.47	12,225	152.84	0.51
17.80	0.46	12,212	152.84	0.50
17.90	0.45	12,198	152.84	0.49
18.00	0.44	12,184	152.83	0.48
18.10	0.43	12,170	152.83	0.47
18.20	0.42	12,157	152.83	0.46
18.30	0.42	12,144	152.83	0.45
18.40	0.42	12,133	152.83	0.45
18.50	0.41	12,124	152.83	0.44
18.60	0.41	12,116	152.82	0.43
18.70	0.41	12,109	152.82	0.43
18.80	0.41	12,103	152.82	0.42
18.90	0.40	12,097	152.82	0.42
19.00	0.40	12,092	152.82	0.42
19.10	0.40	12,087	152.82	0.41
19.20	0.40	12,083	152.82	0.41
19.30	0.39	12,078	152.82	0.41
19.40	0.39	12,074	152.82	0.40
19.50	0.39	12,070	152.82	0.40
19.60	0.39	12,066	152.82	0.40
19.70	0.38	12,062	152.82	0.39
19.80	0.38	12,059	152.82	0.39
19.90	0.38	12,055	152.82	0.39
20.00	0.38	12,052	152.82	0.39
20.10	0.37	12,048	152.81	0.38
20.20	0.37	12,044	152.81	0.38
20.30	0.37	12,041	152.81	0.38
20.40	0.37	12,037	152.81	0.38
20.50	0.36	12,033	152.81	0.37
20.60	0.36	12,029	152.81	0.37
20.70	0.36	12,026	152.81	0.37

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.36	12,023	152.81	0.37
20.90	0.35	12,019	152.81	0.36
21.00	0.35	12,015	152.81	0.36
21.10	0.35	12,012	152.81	0.36
21.20	0.34	12,008	152.81	0.35
21.30	0.34	12,004	152.81	0.35
21.40	0.34	12,001	152.81	0.35
21.50	0.34	11,998	152.81	0.35
21.60	0.33	11,994	152.81	0.34
21.70	0.33	11,990	152.81	0.34
21.80	0.33	11,986	152.81	0.34
21.90	0.33	11,983	152.81	0.34
22.00	0.32	11,980	152.81	0.33
22.10	0.32	11,976	152.80	0.33
22.20	0.32	11,972	152.80	0.33
22.30	0.32	11,969	152.80	0.33
22.40	0.31	11,965	152.80	0.32
22.50	0.31	11,961	152.80	0.32
22.60	0.31	11,958	152.80	0.32
22.70	0.31	11,954	152.80	0.32
22.80	0.30	11,951	152.80	0.31
22.90	0.30	11,947	152.80	0.31
23.00	0.30	11,943	152.80	0.31
23.10	0.30	11,940	152.80	0.31
23.20	0.29	11,936	152.80	0.30
23.30	0.29	11,932	152.80	0.30
23.40	0.29	11,927	152.80	0.30
23.50	0.29	11,923	152.80	0.30
23.60	0.28	11,918	152.80	0.30
23.70	0.28	11,913	152.80	0.29
23.80	0.28	11,908	152.80	0.29
23.90	0.27	11,903	152.80	0.29
24.00	0.29	11,900	152.79	0.29
24.10	0.24	11,897	152.79	0.29
24.20	0.07	11,851	152.79	0.27
24.30	0.02	11,775	152.78	0.23
24.40	0.00	11,700	152.77	0.20
24.50	0.00	11,634	152.76	0.17
24.60	0.00	11,576	152.75	0.16
24.70	0.00	11,520	152.74	0.15
24.80	0.00	11,464	152.74	0.15
24.90	0.00	11,409	152.73	0.15
25.00	0.00	11,354	152.72	0.15
25.10	0.00	11,299	152.71	0.15
25.20	0.00	11,244	152.70	0.15
25.30	0.00	11,190	152.70	0.15
25.40	0.00	11,136	152.69	0.15
25.50	0.00	11,082	152.68	0.15
25.60	0.00	11,028	152.68	0.15
25.70	0.00	10,975	152.67	0.15
25.80	0.00	10,922	152.66	0.15
25.90	0.00	10,869	152.65	0.15

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,816	152.65	0.15
26.10	0.00	10,764	152.64	0.15
26.20	0.00	10,711	152.63	0.14
26.30	0.00	10,659	152.62	0.14
26.40	0.00	10,608	152.62	0.14
26.50	0.00	10,556	152.61	0.14
26.60	0.00	10,505	152.60	0.14
26.70	0.00	10,454	152.60	0.14
26.80	0.00	10,403	152.59	0.14
26.90	0.00	10,353	152.58	0.14
27.00	0.00	10,303	152.57	0.14
27.10	0.00	10,252	152.57	0.14
27.20	0.00	10,203	152.56	0.14
27.30	0.00	10,153	152.55	0.14
27.40	0.00	10,104	152.55	0.14
27.50	0.00	10,055	152.54	0.14
27.60	0.00	10,006	152.53	0.14
27.70	0.00	9,957	152.53	0.13
27.80	0.00	9,909	152.52	0.13
27.90	0.00	9,861	152.51	0.13
28.00	0.00	9,813	152.51	0.13
28.10	0.00	9,766	152.50	0.13
28.20	0.00	9,718	152.49	0.13
28.30	0.00	9,671	152.49	0.13
28.40	0.00	9,624	152.48	0.13
28.50	0.00	9,578	152.47	0.13
28.60	0.00	9,531	152.47	0.13
28.70	0.00	9,485	152.46	0.13
28.80	0.00	9,439	152.45	0.13
28.90	0.00	9,394	152.45	0.13
29.00	0.00	9,348	152.44	0.13
29.10	0.00	9,303	152.43	0.12
29.20	0.00	9,259	152.43	0.12
29.30	0.00	9,214	152.42	0.12
29.40	0.00	9,170	152.42	0.12
29.50	0.00	9,125	152.41	0.12
29.60	0.00	9,082	152.40	0.12
29.70	0.00	9,038	152.40	0.12
29.80	0.00	8,995	152.39	0.12
29.90	0.00	8,951	152.38	0.12
30.00	0.00	8,908	152.38	0.12
30.10	0.00	8,866	152.37	0.12
30.20	0.00	8,823	152.37	0.12
30.30	0.00	8,781	152.36	0.12
30.40	0.00	8,739	152.35	0.12
30.50	0.00	8,698	152.35	0.12
30.60	0.00	8,656	152.34	0.11
30.70	0.00	8,615	152.34	0.11
30.80	0.00	8,574	152.33	0.11
30.90	0.00	8,534	152.32	0.11
31.00	0.00	8,493	152.32	0.11
31.10	0.00	8,453	152.31	0.11

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,413	152.31	0.11
31.30	0.00	8,374	152.30	0.11
31.40	0.00	8,334	152.30	0.11
31.50	0.00	8,295	152.29	0.11
31.60	0.00	8,256	152.28	0.11
31.70	0.00	8,218	152.28	0.11
31.80	0.00	8,179	152.27	0.11
31.90	0.00	8,141	152.27	0.11
32.00	0.00	8,103	152.26	0.10
32.10	0.00	8,066	152.26	0.10
32.20	0.00	8,028	152.25	0.10
32.30	0.00	7,991	152.25	0.10
32.40	0.00	7,954	152.24	0.10
32.50	0.00	7,918	152.24	0.10
32.60	0.00	7,881	152.23	0.10
32.70	0.00	7,845	152.22	0.10
32.80	0.00	7,810	152.22	0.10
32.90	0.00	7,774	152.21	0.10
33.00	0.00	7,739	152.21	0.10
33.10	0.00	7,704	152.20	0.10
33.20	0.00	7,669	152.20	0.10
33.30	0.00	7,634	152.19	0.10
33.40	0.00	7,600	152.19	0.09
33.50	0.00	7,566	152.18	0.09
33.60	0.00	7,532	152.18	0.09
33.70	0.00	7,498	152.17	0.09
33.80	0.00	7,465	152.17	0.09
33.90	0.00	7,432	152.16	0.09
34.00	0.00	7,399	152.16	0.09
34.10	0.00	7,367	152.16	0.09
34.20	0.00	7,334	152.15	0.09
34.30	0.00	7,302	152.15	0.09
34.40	0.00	7,271	152.14	0.09
34.50	0.00	7,239	152.14	0.09
34.60	0.00	7,208	152.13	0.09
34.70	0.00	7,177	152.13	0.09
34.80	0.00	7,146	152.12	0.09
34.90	0.00	7,116	152.12	0.08
35.00	0.00	7,085	152.11	0.08
35.10	0.00	7,055	152.11	0.08
35.20	0.00	7,026	152.11	0.08
35.30	0.00	6,996	152.10	0.08
35.40	0.00	6,967	152.10	0.08
35.50	0.00	6,938	152.09	0.08
35.60	0.00	6,910	152.09	0.08
35.70	0.00	6,881	152.08	0.08
35.80	0.00	6,853	152.08	0.08
35.90	0.00	6,825	152.08	0.08
36.00	0.00	6,797	152.07	0.08
36.10	0.00	6,770	152.07	0.08
36.20	0.00	6,743	152.06	0.07
36.30	0.00	6,716	152.06	0.07

Hydrograph for Pond B-20: Basin #20 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,689	152.06	0.07
36.50	0.00	6,663	152.05	0.07
36.60	0.00	6,637	152.05	0.07
36.70	0.00	6,611	152.04	0.07
36.80	0.00	6,585	152.04	0.07
36.90	0.00	6,560	152.04	0.07
37.00	0.00	6,535	152.03	0.07
37.10	0.00	6,510	152.03	0.07
37.20	0.00	6,486	152.03	0.07
37.30	0.00	6,461	152.02	0.07
37.40	0.00	6,437	152.02	0.07
37.50	0.00	6,414	152.01	0.07
37.60	0.00	6,390	152.01	0.06
37.70	0.00	6,367	152.01	0.06
37.80	0.00	6,344	152.00	0.06
37.90	0.00	6,321	152.00	0.06
38.00	0.00	6,299	152.00	0.06
38.10	0.00	6,276	151.99	0.06
38.20	0.00	6,254	151.99	0.06
38.30	0.00	6,233	151.99	0.06
38.40	0.00	6,211	151.98	0.06
38.50	0.00	6,190	151.98	0.06
38.60	0.00	6,169	151.98	0.06
38.70	0.00	6,149	151.97	0.06
38.80	0.00	6,128	151.97	0.06
38.90	0.00	6,108	151.97	0.06
39.00	0.00	6,088	151.97	0.05
39.10	0.00	6,069	151.96	0.05
39.20	0.00	6,049	151.96	0.05
39.30	0.00	6,030	151.96	0.05
39.40	0.00	6,011	151.95	0.05
39.50	0.00	5,993	151.95	0.05
39.60	0.00	5,974	151.95	0.05
39.70	0.00	5,956	151.95	0.05
39.80	0.00	5,938	151.94	0.05
39.90	0.00	5,921	151.94	0.05
40.00	0.00	5,903	151.94	0.05

Stage-Discharge for Pond B-20: Basin #20

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
151.00	0.00	151.52	0.00	152.04	0.07	152.56	0.14
151.01	0.00	151.53	0.00	152.05	0.07	152.57	0.14
151.02	0.00	151.54	0.00	152.06	0.07	152.58	0.14
151.03	0.00	151.55	0.00	152.07	0.08	152.59	0.14
151.04	0.00	151.56	0.00	152.08	0.08	152.60	0.14
151.05	0.00	151.57	0.00	152.09	0.08	152.61	0.14
151.06	0.00	151.58	0.00	152.10	0.08	152.62	0.14
151.07	0.00	151.59	0.00	152.11	0.08	152.63	0.14
151.08	0.00	151.60	0.00	152.12	0.08	152.64	0.15
151.09	0.00	151.61	0.00	152.13	0.09	152.65	0.15
151.10	0.00	151.62	0.00	152.14	0.09	152.66	0.15
151.11	0.00	151.63	0.00	152.15	0.09	152.67	0.15
151.12	0.00	151.64	0.00	152.16	0.09	152.68	0.15
151.13	0.00	151.65	0.00	152.17	0.09	152.69	0.15
151.14	0.00	151.66	0.00	152.18	0.09	152.70	0.15
151.15	0.00	151.67	0.00	152.19	0.10	152.71	0.15
151.16	0.00	151.68	0.00	152.20	0.10	152.72	0.15
151.17	0.00	151.69	0.00	152.21	0.10	152.73	0.15
151.18	0.00	151.70	0.00	152.22	0.10	152.74	0.15
151.19	0.00	151.71	0.00	152.23	0.10	152.75	0.16
151.20	0.00	151.72	0.00	152.24	0.10	152.76	0.17
151.21	0.00	151.73	0.00	152.25	0.10	152.77	0.19
151.22	0.00	151.74	0.00	152.26	0.10	152.78	0.23
151.23	0.00	151.75	0.00	152.27	0.11	152.79	0.26
151.24	0.00	151.76	0.00	152.28	0.11	152.80	0.31
151.25	0.00	151.77	0.00	152.29	0.11	152.81	0.35
151.26	0.00	151.78	0.00	152.30	0.11	152.82	0.40
151.27	0.00	151.79	0.00	152.31	0.11	152.83	0.46
151.28	0.00	151.80	0.00	152.32	0.11	152.84	0.51
151.29	0.00	151.81	0.01	152.33	0.11	152.85	0.58
151.30	0.00	151.82	0.01	152.34	0.11	152.86	0.64
151.31	0.00	151.83	0.01	152.35	0.12	152.87	0.71
151.32	0.00	151.84	0.01	152.36	0.12	152.88	0.78
151.33	0.00	151.85	0.02	152.37	0.12	152.89	0.85
151.34	0.00	151.86	0.02	152.38	0.12	152.90	0.92
151.35	0.00	151.87	0.02	152.39	0.12	152.91	1.00
151.36	0.00	151.88	0.03	152.40	0.12	152.92	1.08
151.37	0.00	151.89	0.03	152.41	0.12	152.93	1.16
151.38	0.00	151.90	0.03	152.42	0.12	152.94	1.24
151.39	0.00	151.91	0.04	152.43	0.12	152.95	1.33
151.40	0.00	151.92	0.04	152.44	0.13	152.96	1.42
151.41	0.00	151.93	0.05	152.45	0.13	152.97	1.51
151.42	0.00	151.94	0.05	152.46	0.13	152.98	1.60
151.43	0.00	151.95	0.05	152.47	0.13	152.99	1.69
151.44	0.00	151.96	0.05	152.48	0.13	153.00	1.79
151.45	0.00	151.97	0.06	152.49	0.13	153.01	1.89
151.46	0.00	151.98	0.06	152.50	0.13	153.02	1.99
151.47	0.00	151.99	0.06	152.51	0.13	153.03	2.09
151.48	0.00	152.00	0.06	152.52	0.13	153.04	2.19
151.49	0.00	152.01	0.06	152.53	0.13	153.05	2.30
151.50	0.00	152.02	0.07	152.54	0.14	153.06	2.40
151.51	0.00	152.03	0.07	152.55	0.14	153.07	2.51

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
153.08	2.62	153.60	10.03	154.12	13.10	154.64	36.85
153.09	2.73	153.61	10.20	154.13	13.13	154.65	38.02
153.10	2.84	153.62	10.37	154.14	13.15	154.66	39.22
153.11	2.96	153.63	10.54	154.15	13.18	154.67	40.44
153.12	3.07	153.64	10.71	154.16	13.21	154.68	41.68
153.13	3.19	153.65	10.89	154.17	13.24	154.69	42.95
153.14	3.31	153.66	11.06	154.18	13.26	154.70	44.24
153.15	3.43	153.67	11.23	154.19	13.29	154.71	45.55
153.16	3.55	153.68	11.41	154.20	13.32	154.72	46.89
153.17	3.67	153.69	11.58	154.21	13.35	154.73	48.28
153.18	3.80	153.70	11.76	154.22	13.37	154.74	49.70
153.19	3.92	153.71	11.91	154.23	13.40	154.75	51.14
153.20	4.05	153.72	11.94	154.24	13.43	154.76	52.61
153.21	4.18	153.73	11.97	154.25	13.45	154.77	54.11
153.22	4.31	153.74	12.00	154.26	13.48	154.78	55.63
153.23	4.44	153.75	12.03	154.27	13.51	154.79	57.17
153.24	4.57	153.76	12.06	154.28	13.53	154.80	58.75
153.25	4.70	153.77	12.09	154.29	13.56	154.81	60.35
153.26	4.84	153.78	12.12	154.30	13.59	154.82	61.97
153.27	4.97	153.79	12.15	154.31	13.61	154.83	63.63
153.28	5.11	153.80	12.18	154.32	13.64	154.84	65.31
153.29	5.25	153.81	12.21	154.33	13.78	154.85	67.01
153.30	5.39	153.82	12.24	154.34	14.02	154.86	68.74
153.31	5.53	153.83	12.27	154.35	14.33	154.87	70.50
153.32	5.67	153.84	12.30	154.36	14.68	154.88	72.29
153.33	5.81	153.85	12.33	154.37	15.08	154.89	74.10
153.34	5.95	153.86	12.36	154.38	15.52	154.90	75.94
153.35	6.10	153.87	12.39	154.39	16.00	154.91	77.81
153.36	6.24	153.88	12.42	154.40	16.51	154.92	79.70
153.37	6.39	153.89	12.45	154.41	17.05	154.93	81.35
153.38	6.54	153.90	12.48	154.42	17.62	154.94	83.01
153.39	6.69	153.91	12.51	154.43	18.22	154.95	84.69
153.40	6.84	153.92	12.53	154.44	18.85	154.96	86.38
153.41	6.99	153.93	12.56	154.45	19.50	154.97	88.09
153.42	7.14	153.94	12.59	154.46	20.18	154.98	89.80
153.43	7.29	153.95	12.62	154.47	20.88	154.99	91.54
153.44	7.44	153.96	12.65	154.48	21.60	155.00	93.28
153.45	7.60	153.97	12.68	154.49	22.35	155.01	95.04
153.46	7.76	153.98	12.71	154.50	23.12	155.02	96.80
153.47	7.91	153.99	12.73	154.51	23.91	155.03	98.59
153.48	8.07	154.00	12.76	154.52	24.73	155.04	100.38
153.49	8.23	154.01	12.79	154.53	25.60	155.05	102.19
153.50	8.39	154.02	12.82	154.54	26.50	155.06	104.01
153.51	8.55	154.03	12.85	154.55	27.42	155.07	105.84
153.52	8.71	154.04	12.88	154.56	28.37	155.08	107.69
153.53	8.87	154.05	12.90	154.57	29.34	155.09	109.54
153.54	9.03	154.06	12.93	154.58	30.34	155.10	111.41
153.55	9.20	154.07	12.96	154.59	31.36	155.11	113.29
153.56	9.36	154.08	12.99	154.60	32.41	155.12	115.18
153.57	9.53	154.09	13.02	154.61	33.49	155.13	117.13
153.58	9.70	154.10	13.04	154.62	34.58	155.14	119.08
153.59	9.86	154.11	13.07	154.63	35.71	155.15	121.05

Stage-Discharge for Pond B-20: Basin #20 (continued)

Elevation (feet)	Primary (cfs)
155.16	123.03
155.17	125.03
155.18	127.04
155.19	129.06
155.20	131.10
155.21	133.14
155.22	135.20
155.23	137.28
155.24	139.36
155.25	141.46
155.26	143.57
155.27	145.70
155.28	147.84
155.29	149.99
155.30	152.15
155.31	154.32
155.32	156.51
155.33	158.66
155.34	160.81
155.35	162.98
155.36	165.16
155.37	167.35
155.38	169.55
155.39	171.76
155.40	173.98
155.41	176.21
155.42	178.45
155.43	180.70
155.44	182.96
155.45	185.24
155.46	187.52
155.47	189.81
155.48	192.11
155.49	194.43
155.50	196.75

Stage-Area-Storage for Pond B-20: Basin #20

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.00	5,926	0	151.52	6,332	3,187
151.01	5,934	59	151.53	6,339	3,250
151.02	5,942	119	151.54	6,347	3,314
151.03	5,949	178	151.55	6,355	3,377
151.04	5,957	238	151.56	6,363	3,441
151.05	5,965	297	151.57	6,371	3,505
151.06	5,973	357	151.58	6,378	3,568
151.07	5,981	417	151.59	6,386	3,632
151.08	5,988	477	151.60	6,394	3,696
151.09	5,996	536	151.61	6,402	3,760
151.10	6,004	596	151.62	6,410	3,824
151.11	6,012	657	151.63	6,417	3,888
151.12	6,020	717	151.64	6,425	3,952
151.13	6,027	777	151.65	6,433	4,017
151.14	6,035	837	151.66	6,441	4,081
151.15	6,043	898	151.67	6,449	4,145
151.16	6,051	958	151.68	6,456	4,210
151.17	6,059	1,019	151.69	6,464	4,275
151.18	6,066	1,079	151.70	6,472	4,339
151.19	6,074	1,140	151.71	6,480	4,404
151.20	6,082	1,201	151.72	6,488	4,469
151.21	6,090	1,262	151.73	6,495	4,534
151.22	6,098	1,323	151.74	6,503	4,599
151.23	6,105	1,384	151.75	6,511	4,664
151.24	6,113	1,445	151.76	6,519	4,729
151.25	6,121	1,506	151.77	6,527	4,794
151.26	6,129	1,567	151.78	6,534	4,860
151.27	6,137	1,628	151.79	6,542	4,925
151.28	6,144	1,690	151.80	6,550	4,990
151.29	6,152	1,751	151.81	6,558	5,056
151.30	6,160	1,813	151.82	6,566	5,122
151.31	6,168	1,875	151.83	6,573	5,187
151.32	6,176	1,936	151.84	6,581	5,253
151.33	6,183	1,998	151.85	6,589	5,319
151.34	6,191	2,060	151.86	6,597	5,385
151.35	6,199	2,122	151.87	6,605	5,451
151.36	6,207	2,184	151.88	6,612	5,517
151.37	6,215	2,246	151.89	6,620	5,583
151.38	6,222	2,308	151.90	6,628	5,649
151.39	6,230	2,370	151.91	6,636	5,716
151.40	6,238	2,433	151.92	6,644	5,782
151.41	6,246	2,495	151.93	6,651	5,848
151.42	6,254	2,558	151.94	6,659	5,915
151.43	6,261	2,620	151.95	6,667	5,982
151.44	6,269	2,683	151.96	6,675	6,048
151.45	6,277	2,746	151.97	6,683	6,115
151.46	6,285	2,808	151.98	6,690	6,182
151.47	6,293	2,871	151.99	6,698	6,249
151.48	6,300	2,934	152.00	6,706	6,316
151.49	6,308	2,997	152.01	6,714	6,383
151.50	6,316	3,061	152.02	6,722	6,450
151.51	6,324	3,124	152.03	6,730	6,518

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.04	6,738	6,585	152.56	7,158	10,198
152.05	6,746	6,652	152.57	7,167	10,270
152.06	6,754	6,720	152.58	7,175	10,341
152.07	6,763	6,787	152.59	7,183	10,413
152.08	6,771	6,855	152.60	7,191	10,485
152.09	6,779	6,923	152.61	7,199	10,557
152.10	6,787	6,991	152.62	7,207	10,629
152.11	6,795	7,059	152.63	7,215	10,701
152.12	6,803	7,127	152.64	7,223	10,773
152.13	6,811	7,195	152.65	7,231	10,846
152.14	6,819	7,263	152.66	7,239	10,918
152.15	6,827	7,331	152.67	7,247	10,990
152.16	6,835	7,399	152.68	7,255	11,063
152.17	6,843	7,468	152.69	7,264	11,135
152.18	6,851	7,536	152.70	7,272	11,208
152.19	6,860	7,605	152.71	7,280	11,281
152.20	6,868	7,673	152.72	7,288	11,354
152.21	6,876	7,742	152.73	7,296	11,427
152.22	6,884	7,811	152.74	7,304	11,500
152.23	6,892	7,880	152.75	7,312	11,573
152.24	6,900	7,949	152.76	7,320	11,646
152.25	6,908	8,018	152.77	7,328	11,719
152.26	6,916	8,087	152.78	7,336	11,792
152.27	6,924	8,156	152.79	7,344	11,866
152.28	6,932	8,225	152.80	7,352	11,939
152.29	6,940	8,295	152.81	7,360	12,013
152.30	6,948	8,364	152.82	7,369	12,087
152.31	6,956	8,434	152.83	7,377	12,160
152.32	6,965	8,503	152.84	7,385	12,234
152.33	6,973	8,573	152.85	7,393	12,308
152.34	6,981	8,643	152.86	7,401	12,382
152.35	6,989	8,713	152.87	7,409	12,456
152.36	6,997	8,783	152.88	7,417	12,530
152.37	7,005	8,853	152.89	7,425	12,604
152.38	7,013	8,923	152.90	7,433	12,679
152.39	7,021	8,993	152.91	7,441	12,753
152.40	7,029	9,063	152.92	7,449	12,827
152.41	7,037	9,133	152.93	7,457	12,902
152.42	7,045	9,204	152.94	7,466	12,977
152.43	7,053	9,274	152.95	7,474	13,051
152.44	7,062	9,345	152.96	7,482	13,126
152.45	7,070	9,416	152.97	7,490	13,201
152.46	7,078	9,486	152.98	7,498	13,276
152.47	7,086	9,557	152.99	7,506	13,351
152.48	7,094	9,628	153.00	7,514	13,426
152.49	7,102	9,699	153.01	7,522	13,501
152.50	7,110	9,770	153.02	7,531	13,576
152.51	7,118	9,841	153.03	7,539	13,652
152.52	7,126	9,912	153.04	7,547	13,727
152.53	7,134	9,984	153.05	7,556	13,803
152.54	7,142	10,055	153.06	7,564	13,878
152.55	7,150	10,127	153.07	7,572	13,954

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.08	7,581	14,030	153.60	8,014	18,084
153.09	7,589	14,106	153.61	8,022	18,165
153.10	7,597	14,182	153.62	8,030	18,245
153.11	7,606	14,258	153.63	8,039	18,325
153.12	7,614	14,334	153.64	8,047	18,406
153.13	7,622	14,410	153.65	8,055	18,486
153.14	7,631	14,486	153.66	8,064	18,567
153.15	7,639	14,562	153.67	8,072	18,647
153.16	7,647	14,639	153.68	8,080	18,728
153.17	7,656	14,715	153.69	8,089	18,809
153.18	7,664	14,792	153.70	8,097	18,890
153.19	7,672	14,869	153.71	8,105	18,971
153.20	7,681	14,945	153.72	8,114	19,052
153.21	7,689	15,022	153.73	8,122	19,133
153.22	7,697	15,099	153.74	8,130	19,214
153.23	7,706	15,176	153.75	8,139	19,296
153.24	7,714	15,253	153.76	8,147	19,377
153.25	7,722	15,331	153.77	8,155	19,459
153.26	7,731	15,408	153.78	8,164	19,540
153.27	7,739	15,485	153.79	8,172	19,622
153.28	7,747	15,563	153.80	8,180	19,704
153.29	7,756	15,640	153.81	8,189	19,786
153.30	7,764	15,718	153.82	8,197	19,868
153.31	7,772	15,795	153.83	8,205	19,950
153.32	7,781	15,873	153.84	8,214	20,032
153.33	7,789	15,951	153.85	8,222	20,114
153.34	7,797	16,029	153.86	8,230	20,196
153.35	7,806	16,107	153.87	8,239	20,278
153.36	7,814	16,185	153.88	8,247	20,361
153.37	7,822	16,263	153.89	8,255	20,443
153.38	7,831	16,341	153.90	8,264	20,526
153.39	7,839	16,420	153.91	8,272	20,609
153.40	7,847	16,498	153.92	8,280	20,691
153.41	7,856	16,577	153.93	8,289	20,774
153.42	7,864	16,655	153.94	8,297	20,857
153.43	7,872	16,734	153.95	8,305	20,940
153.44	7,881	16,813	153.96	8,314	21,023
153.45	7,889	16,892	153.97	8,322	21,106
153.46	7,897	16,971	153.98	8,330	21,190
153.47	7,906	17,050	153.99	8,339	21,273
153.48	7,914	17,129	154.00	8,347	21,357
153.49	7,922	17,208	154.01	8,356	21,440
153.50	7,931	17,287	154.02	8,364	21,524
153.51	7,939	17,366	154.03	8,373	21,607
153.52	7,947	17,446	154.04	8,381	21,691
153.53	7,955	17,525	154.05	8,390	21,775
153.54	7,964	17,605	154.06	8,398	21,859
153.55	7,972	17,685	154.07	8,407	21,943
153.56	7,980	17,764	154.08	8,416	22,027
153.57	7,989	17,844	154.09	8,424	22,111
153.58	7,997	17,924	154.10	8,433	22,195
153.59	8,005	18,004	154.11	8,441	22,280

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.12	8,450	22,364	154.64	8,896	26,874
154.13	8,459	22,449	154.65	8,905	26,963
154.14	8,467	22,533	154.66	8,913	27,052
154.15	8,476	22,618	154.67	8,922	27,142
154.16	8,484	22,703	154.68	8,930	27,231
154.17	8,493	22,788	154.69	8,939	27,320
154.18	8,501	22,873	154.70	8,948	27,410
154.19	8,510	22,958	154.71	8,956	27,499
154.20	8,519	23,043	154.72	8,965	27,589
154.21	8,527	23,128	154.73	8,973	27,678
154.22	8,536	23,214	154.74	8,982	27,768
154.23	8,544	23,299	154.75	8,991	27,858
154.24	8,553	23,384	154.76	8,999	27,948
154.25	8,562	23,470	154.77	9,008	28,038
154.26	8,570	23,556	154.78	9,016	28,128
154.27	8,579	23,641	154.79	9,025	28,218
154.28	8,587	23,727	154.80	9,033	28,309
154.29	8,596	23,813	154.81	9,042	28,399
154.30	8,604	23,899	154.82	9,051	28,489
154.31	8,613	23,985	154.83	9,059	28,580
154.32	8,622	24,071	154.84	9,068	28,671
154.33	8,630	24,158	154.85	9,076	28,761
154.34	8,639	24,244	154.86	9,085	28,852
154.35	8,647	24,331	154.87	9,093	28,943
154.36	8,656	24,417	154.88	9,102	29,034
154.37	8,664	24,504	154.89	9,111	29,125
154.38	8,673	24,590	154.90	9,119	29,216
154.39	8,682	24,677	154.91	9,128	29,308
154.40	8,690	24,764	154.92	9,136	29,399
154.41	8,699	24,851	154.93	9,145	29,490
154.42	8,707	24,938	154.94	9,154	29,582
154.43	8,716	25,025	154.95	9,162	29,673
154.44	8,725	25,112	154.96	9,171	29,765
154.45	8,733	25,200	154.97	9,179	29,857
154.46	8,742	25,287	154.98	9,188	29,949
154.47	8,750	25,374	154.99	9,196	30,040
154.48	8,759	25,462	155.00	9,205	30,133
154.49	8,767	25,550	155.01	9,214	30,225
154.50	8,776	25,637	155.02	9,223	30,317
154.51	8,785	25,725	155.03	9,231	30,409
154.52	8,793	25,813	155.04	9,240	30,501
154.53	8,802	25,901	155.05	9,249	30,594
154.54	8,810	25,989	155.06	9,258	30,686
154.55	8,819	26,077	155.07	9,266	30,779
154.56	8,827	26,165	155.08	9,275	30,872
154.57	8,836	26,254	155.09	9,284	30,964
154.58	8,845	26,342	155.10	9,293	31,057
154.59	8,853	26,431	155.11	9,301	31,150
154.60	8,862	26,519	155.12	9,310	31,243
154.61	8,870	26,608	155.13	9,319	31,337
154.62	8,879	26,697	155.14	9,328	31,430
154.63	8,888	26,785	155.15	9,336	31,523

Stage-Area-Storage for Pond B-20: Basin #20 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.16	9,345	31,617
155.17	9,354	31,710
155.18	9,363	31,804
155.19	9,371	31,897
155.20	9,380	31,991
155.21	9,389	32,085
155.22	9,398	32,179
155.23	9,406	32,273
155.24	9,415	32,367
155.25	9,424	32,461
155.26	9,433	32,555
155.27	9,442	32,650
155.28	9,450	32,744
155.29	9,459	32,839
155.30	9,468	32,933
155.31	9,477	33,028
155.32	9,485	33,123
155.33	9,494	33,218
155.34	9,503	33,313
155.35	9,512	33,408
155.36	9,520	33,503
155.37	9,529	33,598
155.38	9,538	33,694
155.39	9,547	33,789
155.40	9,555	33,885
155.41	9,564	33,980
155.42	9,573	34,076
155.43	9,582	34,172
155.44	9,590	34,267
155.45	9,599	34,363
155.46	9,608	34,459
155.47	9,617	34,556
155.48	9,625	34,652
155.49	9,634	34,748
155.50	9,643	34,845

Summary for Pond B-21: Basin #21

Inflow Area = 2.500 ac, 35.44% Impervious, Inflow Depth = 8.81" for Future 100 yr event
 Inflow = 22.42 cfs @ 12.17 hrs, Volume= 1.835 af
 Outflow = 16.05 cfs @ 12.27 hrs, Volume= 1.702 af, Atten= 28%, Lag= 5.7 min
 Primary = 16.05 cfs @ 12.27 hrs, Volume= 1.702 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 153.61' @ 12.27 hrs Surf.Area= 8,470 sf Storage= 23,814 cf

Plug-Flow detention time= 216.1 min calculated for 1.702 af (93% of inflow)
 Center-of-Mass det. time= 176.0 min (956.4 - 780.4)

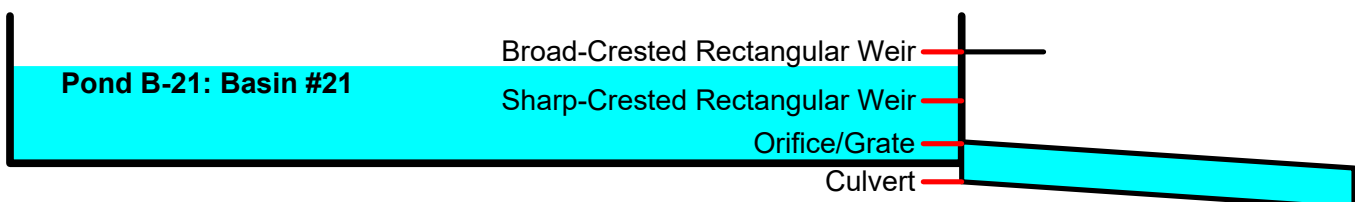
Volume	Invert	Avail.Storage	Storage Description
#1	150.00'	41,867 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
150.00	4,848	0	0
151.00	5,776	5,312	5,312
152.00	6,761	6,269	11,581
153.00	7,802	7,282	18,862
154.00	8,900	8,351	27,213
155.00	10,054	9,477	36,690
155.50	10,653	5,177	41,867

Device	Routing	Invert	Outlet Devices
#1	Primary	149.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 149.30' / 148.32' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	150.72'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	152.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	154.16'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

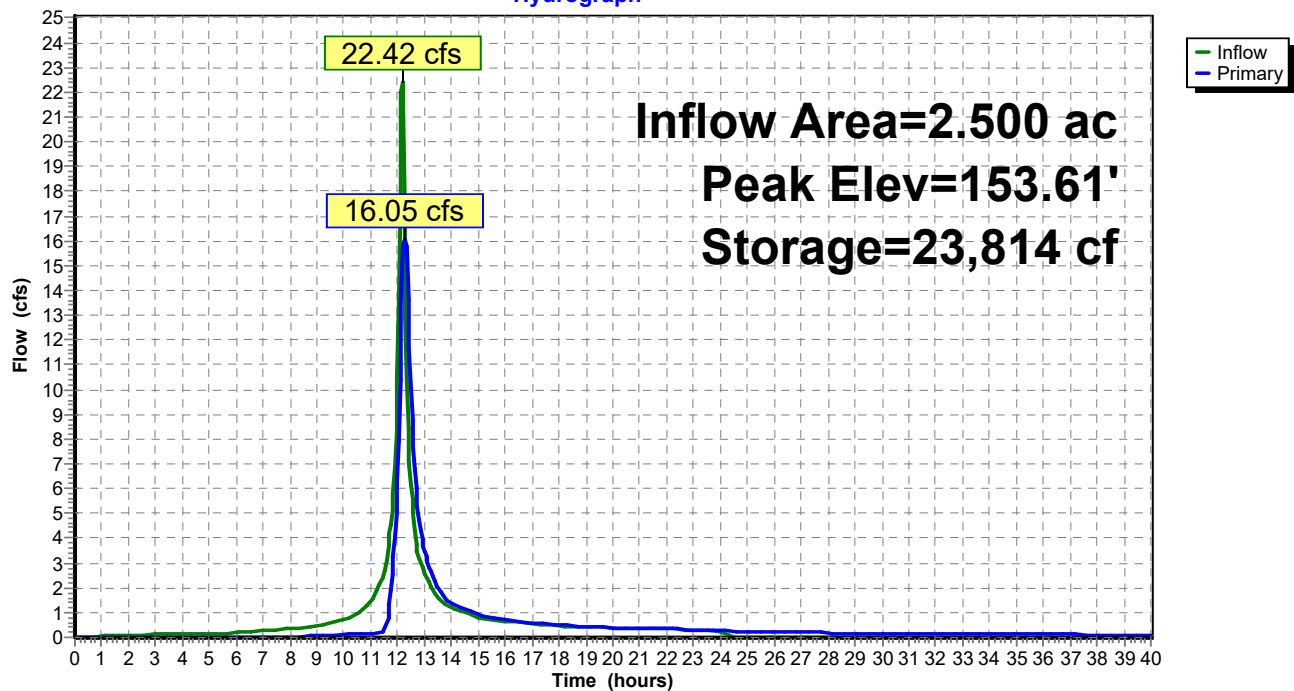
Primary OutFlow Max=16.03 cfs @ 12.27 hrs HW=153.60' (Free Discharge)

1=Culvert (Inlet Controls 16.03 cfs @ 9.07 fps)
 2=Orifice/Grate (Passes < 0.27 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 17.51 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-21: Basin #21

Hydrograph



Hydrograph for Pond B-21: Basin #21

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	150.00	0.00
0.10	0.00	0	150.00	0.00
0.20	0.00	0	150.00	0.00
0.30	0.00	0	150.00	0.00
0.40	0.00	0	150.00	0.00
0.50	0.00	1	150.00	0.00
0.60	0.01	4	150.00	0.00
0.70	0.02	10	150.00	0.00
0.80	0.03	19	150.00	0.00
0.90	0.04	31	150.01	0.00
1.00	0.04	46	150.01	0.00
1.10	0.05	63	150.01	0.00
1.20	0.06	82	150.02	0.00
1.30	0.06	103	150.02	0.00
1.40	0.07	125	150.03	0.00
1.50	0.07	150	150.03	0.00
1.60	0.07	175	150.04	0.00
1.70	0.08	202	150.04	0.00
1.80	0.08	231	150.05	0.00
1.90	0.08	260	150.05	0.00
2.00	0.09	291	150.06	0.00
2.10	0.09	322	150.07	0.00
2.20	0.09	355	150.07	0.00
2.30	0.09	388	150.08	0.00
2.40	0.10	423	150.09	0.00
2.50	0.10	458	150.09	0.00
2.60	0.10	494	150.10	0.00
2.70	0.10	531	150.11	0.00
2.80	0.11	569	150.12	0.00
2.90	0.11	607	150.12	0.00
3.00	0.11	646	150.13	0.00
3.10	0.11	686	150.14	0.00
3.20	0.11	726	150.15	0.00
3.30	0.11	767	150.16	0.00
3.40	0.12	808	150.16	0.00
3.50	0.12	851	150.17	0.00
3.60	0.12	893	150.18	0.00
3.70	0.12	937	150.19	0.00
3.80	0.12	981	150.20	0.00
3.90	0.12	1,025	150.21	0.00
4.00	0.13	1,070	150.22	0.00
4.10	0.13	1,116	150.23	0.00
4.20	0.13	1,162	150.23	0.00
4.30	0.13	1,208	150.24	0.00
4.40	0.13	1,255	150.25	0.00
4.50	0.13	1,303	150.26	0.00
4.60	0.13	1,351	150.27	0.00
4.70	0.14	1,399	150.28	0.00
4.80	0.14	1,448	150.29	0.00
4.90	0.14	1,498	150.30	0.00
5.00	0.14	1,548	150.31	0.00
5.10	0.14	1,598	150.32	0.00

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,649	150.33	0.00
5.30	0.15	1,701	150.34	0.00
5.40	0.15	1,755	150.35	0.00
5.50	0.15	1,809	150.36	0.00
5.60	0.16	1,866	150.37	0.00
5.70	0.16	1,923	150.38	0.00
5.80	0.17	1,982	150.39	0.00
5.90	0.17	2,043	150.41	0.00
6.00	0.17	2,105	150.42	0.00
6.10	0.18	2,168	150.43	0.00
6.20	0.18	2,233	150.44	0.00
6.30	0.19	2,301	150.45	0.00
6.40	0.20	2,372	150.47	0.00
6.50	0.21	2,445	150.48	0.00
6.60	0.22	2,521	150.50	0.00
6.70	0.22	2,600	150.51	0.00
6.80	0.23	2,682	150.53	0.00
6.90	0.24	2,766	150.54	0.00
7.00	0.25	2,854	150.56	0.00
7.10	0.26	2,945	150.58	0.00
7.20	0.27	3,039	150.59	0.00
7.30	0.27	3,136	150.61	0.00
7.40	0.28	3,236	150.63	0.00
7.50	0.29	3,340	150.65	0.00
7.60	0.30	3,447	150.67	0.00
7.70	0.31	3,557	150.69	0.00
7.80	0.32	3,671	150.71	0.00
7.90	0.33	3,788	150.73	0.00
8.00	0.34	3,908	150.75	0.00
8.10	0.35	4,031	150.77	0.01
8.20	0.36	4,156	150.80	0.01
8.30	0.37	4,282	150.82	0.02
8.40	0.38	4,409	150.84	0.02
8.50	0.39	4,538	150.86	0.03
8.60	0.40	4,667	150.89	0.04
8.70	0.41	4,798	150.91	0.05
8.80	0.42	4,930	150.93	0.05
8.90	0.43	5,064	150.96	0.06
9.00	0.44	5,200	150.98	0.06
9.10	0.46	5,338	151.00	0.07
9.20	0.49	5,482	151.03	0.07
9.30	0.51	5,635	151.06	0.08
9.40	0.55	5,797	151.08	0.08
9.50	0.58	5,968	151.11	0.09
9.60	0.61	6,148	151.14	0.09
9.70	0.64	6,339	151.18	0.10
9.80	0.67	6,540	151.21	0.10
9.90	0.71	6,751	151.24	0.11
10.00	0.74	6,974	151.28	0.11
10.10	0.78	7,207	151.32	0.12
10.20	0.81	7,451	151.36	0.12
10.30	0.85	7,706	151.40	0.12

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.89	7,973	151.44	0.13
10.50	0.92	8,252	151.49	0.13
10.60	0.98	8,545	151.54	0.14
10.70	1.09	8,866	151.59	0.14
10.80	1.21	9,226	151.64	0.15
10.90	1.33	9,629	151.70	0.15
11.00	1.46	10,075	151.77	0.16
11.10	1.62	10,570	151.85	0.17
11.20	1.84	11,132	151.93	0.17
11.30	2.08	11,774	152.03	0.18
11.40	2.34	12,503	152.13	0.19
11.50	2.59	13,320	152.25	0.20
11.60	3.14	14,243	152.38	0.38
11.70	4.15	15,270	152.52	1.33
11.80	5.06	16,212	152.65	2.58
11.90	6.87	17,148	152.78	4.05
12.00	10.48	18,369	152.94	6.23
12.10	17.85	20,429	153.20	10.37
12.20	21.62	23,152	153.53	15.87
12.30	13.08	23,625	153.59	16.00
12.40	8.40	21,940	153.38	13.67
12.50	6.17	20,277	153.18	10.05
12.60	4.99	19,122	153.03	7.69
12.70	3.77	18,233	152.92	5.98
12.80	3.25	17,565	152.83	4.77
12.90	2.92	17,106	152.77	3.98
13.00	2.63	16,773	152.73	3.44
13.10	2.36	16,510	152.69	3.02
13.20	2.11	16,284	152.66	2.69
13.30	1.93	16,095	152.64	2.41
13.40	1.78	15,936	152.62	2.19
13.50	1.63	15,797	152.60	2.00
13.60	1.48	15,669	152.58	1.82
13.70	1.36	15,549	152.56	1.67
13.80	1.29	15,446	152.55	1.54
13.90	1.25	15,366	152.54	1.44
14.00	1.21	15,304	152.53	1.37
14.10	1.17	15,251	152.52	1.31
14.20	1.13	15,204	152.52	1.25
14.30	1.09	15,161	152.51	1.21
14.40	1.05	15,121	152.50	1.16
14.50	1.01	15,082	152.50	1.12
14.60	0.98	15,045	152.49	1.08
14.70	0.94	15,008	152.49	1.04
14.80	0.90	14,972	152.48	1.00
14.90	0.86	14,936	152.48	0.96
15.00	0.82	14,900	152.47	0.92
15.10	0.78	14,863	152.47	0.88
15.20	0.75	14,825	152.46	0.85
15.30	0.73	14,791	152.46	0.82
15.40	0.72	14,762	152.45	0.79
15.50	0.71	14,738	152.45	0.77

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.70	14,718	152.45	0.75
15.70	0.69	14,701	152.45	0.73
15.80	0.68	14,685	152.44	0.72
15.90	0.67	14,670	152.44	0.71
16.00	0.66	14,656	152.44	0.69
16.10	0.65	14,643	152.44	0.68
16.20	0.64	14,631	152.44	0.67
16.30	0.63	14,619	152.43	0.66
16.40	0.61	14,608	152.43	0.65
16.50	0.60	14,596	152.43	0.64
16.60	0.59	14,584	152.43	0.63
16.70	0.58	14,573	152.43	0.62
16.80	0.57	14,562	152.43	0.61
16.90	0.56	14,550	152.43	0.59
17.00	0.55	14,539	152.42	0.58
17.10	0.54	14,528	152.42	0.57
17.20	0.53	14,517	152.42	0.56
17.30	0.52	14,505	152.42	0.55
17.40	0.51	14,493	152.42	0.55
17.50	0.50	14,480	152.42	0.54
17.60	0.49	14,467	152.41	0.53
17.70	0.48	14,453	152.41	0.52
17.80	0.47	14,439	152.41	0.51
17.90	0.46	14,424	152.41	0.50
18.00	0.45	14,410	152.41	0.49
18.10	0.44	14,395	152.40	0.48
18.20	0.43	14,380	152.40	0.47
18.30	0.42	14,367	152.40	0.46
18.40	0.42	14,355	152.40	0.45
18.50	0.42	14,345	152.40	0.44
18.60	0.42	14,337	152.40	0.44
18.70	0.41	14,329	152.39	0.43
18.80	0.41	14,322	152.39	0.43
18.90	0.41	14,316	152.39	0.43
19.00	0.41	14,311	152.39	0.42
19.10	0.40	14,305	152.39	0.42
19.20	0.40	14,300	152.39	0.41
19.30	0.40	14,296	152.39	0.41
19.40	0.40	14,291	152.39	0.41
19.50	0.39	14,287	152.39	0.41
19.60	0.39	14,283	152.39	0.40
19.70	0.39	14,279	152.39	0.40
19.80	0.39	14,275	152.39	0.40
19.90	0.38	14,271	152.39	0.39
20.00	0.38	14,267	152.39	0.39
20.10	0.38	14,263	152.39	0.39
20.20	0.37	14,259	152.38	0.39
20.30	0.37	14,255	152.38	0.38
20.40	0.37	14,251	152.38	0.38
20.50	0.37	14,247	152.38	0.38
20.60	0.36	14,243	152.38	0.38
20.70	0.36	14,240	152.38	0.37

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.36	14,236	152.38	0.37
20.90	0.36	14,232	152.38	0.37
21.00	0.35	14,228	152.38	0.36
21.10	0.35	14,224	152.38	0.36
21.20	0.35	14,220	152.38	0.36
21.30	0.35	14,217	152.38	0.36
21.40	0.34	14,213	152.38	0.35
21.50	0.34	14,209	152.38	0.35
21.60	0.34	14,205	152.38	0.35
21.70	0.34	14,201	152.38	0.35
21.80	0.33	14,198	152.38	0.34
21.90	0.33	14,194	152.38	0.34
22.00	0.33	14,190	152.38	0.34
22.10	0.33	14,186	152.37	0.34
22.20	0.32	14,182	152.37	0.33
22.30	0.32	14,179	152.37	0.33
22.40	0.32	14,175	152.37	0.33
22.50	0.31	14,171	152.37	0.33
22.60	0.31	14,167	152.37	0.32
22.70	0.31	14,163	152.37	0.32
22.80	0.31	14,160	152.37	0.32
22.90	0.30	14,156	152.37	0.32
23.00	0.30	14,152	152.37	0.31
23.10	0.30	14,148	152.37	0.31
23.20	0.30	14,144	152.37	0.31
23.30	0.29	14,140	152.37	0.30
23.40	0.29	14,136	152.37	0.30
23.50	0.29	14,133	152.37	0.30
23.60	0.29	14,129	152.37	0.30
23.70	0.28	14,125	152.37	0.29
23.80	0.28	14,121	152.37	0.29
23.90	0.28	14,117	152.36	0.29
24.00	0.29	14,115	152.36	0.29
24.10	0.25	14,114	152.36	0.29
24.20	0.07	14,067	152.36	0.27
24.30	0.02	13,988	152.35	0.24
24.40	0.00	13,909	152.34	0.22
24.50	0.00	13,836	152.33	0.20
24.60	0.00	13,763	152.32	0.20
24.70	0.00	13,691	152.31	0.20
24.80	0.00	13,619	152.29	0.20
24.90	0.00	13,548	152.28	0.20
25.00	0.00	13,477	152.27	0.20
25.10	0.00	13,406	152.26	0.20
25.20	0.00	13,335	152.25	0.20
25.30	0.00	13,264	152.24	0.20
25.40	0.00	13,194	152.23	0.19
25.50	0.00	13,124	152.22	0.19
25.60	0.00	13,054	152.21	0.19
25.70	0.00	12,985	152.20	0.19
25.80	0.00	12,915	152.19	0.19
25.90	0.00	12,846	152.18	0.19

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,778	152.17	0.19
26.10	0.00	12,709	152.16	0.19
26.20	0.00	12,641	152.15	0.19
26.30	0.00	12,573	152.15	0.19
26.40	0.00	12,505	152.14	0.19
26.50	0.00	12,437	152.13	0.19
26.60	0.00	12,370	152.12	0.19
26.70	0.00	12,303	152.11	0.19
26.80	0.00	12,236	152.10	0.19
26.90	0.00	12,170	152.09	0.18
27.00	0.00	12,103	152.08	0.18
27.10	0.00	12,037	152.07	0.18
27.20	0.00	11,972	152.06	0.18
27.30	0.00	11,906	152.05	0.18
27.40	0.00	11,841	152.04	0.18
27.50	0.00	11,776	152.03	0.18
27.60	0.00	11,711	152.02	0.18
27.70	0.00	11,647	152.01	0.18
27.80	0.00	11,583	152.00	0.18
27.90	0.00	11,519	151.99	0.18
28.00	0.00	11,455	151.98	0.18
28.10	0.00	11,392	151.97	0.18
28.20	0.00	11,328	151.96	0.18
28.30	0.00	11,265	151.95	0.17
28.40	0.00	11,203	151.94	0.17
28.50	0.00	11,140	151.93	0.17
28.60	0.00	11,078	151.93	0.17
28.70	0.00	11,016	151.92	0.17
28.80	0.00	10,955	151.91	0.17
28.90	0.00	10,893	151.90	0.17
29.00	0.00	10,832	151.89	0.17
29.10	0.00	10,772	151.88	0.17
29.20	0.00	10,711	151.87	0.17
29.30	0.00	10,651	151.86	0.17
29.40	0.00	10,591	151.85	0.17
29.50	0.00	10,531	151.84	0.17
29.60	0.00	10,471	151.83	0.16
29.70	0.00	10,412	151.82	0.16
29.80	0.00	10,353	151.82	0.16
29.90	0.00	10,294	151.81	0.16
30.00	0.00	10,236	151.80	0.16
30.10	0.00	10,178	151.79	0.16
30.20	0.00	10,120	151.78	0.16
30.30	0.00	10,062	151.77	0.16
30.40	0.00	10,005	151.76	0.16
30.50	0.00	9,948	151.75	0.16
30.60	0.00	9,891	151.75	0.16
30.70	0.00	9,834	151.74	0.16
30.80	0.00	9,778	151.73	0.16
30.90	0.00	9,722	151.72	0.16
31.00	0.00	9,666	151.71	0.15
31.10	0.00	9,611	151.70	0.15

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,556	151.69	0.15
31.30	0.00	9,501	151.69	0.15
31.40	0.00	9,446	151.68	0.15
31.50	0.00	9,392	151.67	0.15
31.60	0.00	9,337	151.66	0.15
31.70	0.00	9,283	151.65	0.15
31.80	0.00	9,230	151.64	0.15
31.90	0.00	9,177	151.63	0.15
32.00	0.00	9,124	151.63	0.15
32.10	0.00	9,071	151.62	0.15
32.20	0.00	9,018	151.61	0.15
32.30	0.00	8,966	151.60	0.14
32.40	0.00	8,914	151.59	0.14
32.50	0.00	8,862	151.59	0.14
32.60	0.00	8,811	151.58	0.14
32.70	0.00	8,760	151.57	0.14
32.80	0.00	8,709	151.56	0.14
32.90	0.00	8,658	151.55	0.14
33.00	0.00	8,608	151.55	0.14
33.10	0.00	8,558	151.54	0.14
33.20	0.00	8,508	151.53	0.14
33.30	0.00	8,459	151.52	0.14
33.40	0.00	8,410	151.51	0.14
33.50	0.00	8,361	151.51	0.14
33.60	0.00	8,312	151.50	0.13
33.70	0.00	8,264	151.49	0.13
33.80	0.00	8,216	151.48	0.13
33.90	0.00	8,168	151.48	0.13
34.00	0.00	8,120	151.47	0.13
34.10	0.00	8,073	151.46	0.13
34.20	0.00	8,026	151.45	0.13
34.30	0.00	7,979	151.44	0.13
34.40	0.00	7,933	151.44	0.13
34.50	0.00	7,887	151.43	0.13
34.60	0.00	7,841	151.42	0.13
34.70	0.00	7,795	151.42	0.13
34.80	0.00	7,750	151.41	0.13
34.90	0.00	7,705	151.40	0.12
35.00	0.00	7,660	151.39	0.12
35.10	0.00	7,616	151.39	0.12
35.20	0.00	7,572	151.38	0.12
35.30	0.00	7,528	151.37	0.12
35.40	0.00	7,484	151.36	0.12
35.50	0.00	7,441	151.36	0.12
35.60	0.00	7,398	151.35	0.12
35.70	0.00	7,355	151.34	0.12
35.80	0.00	7,313	151.34	0.12
35.90	0.00	7,271	151.33	0.12
36.00	0.00	7,229	151.32	0.12
36.10	0.00	7,187	151.32	0.12
36.20	0.00	7,146	151.31	0.11
36.30	0.00	7,105	151.30	0.11

Hydrograph for Pond B-21: Basin #21 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,064	151.30	0.11
36.50	0.00	7,024	151.29	0.11
36.60	0.00	6,984	151.28	0.11
36.70	0.00	6,944	151.28	0.11
36.80	0.00	6,904	151.27	0.11
36.90	0.00	6,865	151.26	0.11
37.00	0.00	6,826	151.26	0.11
37.10	0.00	6,787	151.25	0.11
37.20	0.00	6,749	151.24	0.11
37.30	0.00	6,711	151.24	0.11
37.40	0.00	6,673	151.23	0.10
37.50	0.00	6,636	151.22	0.10
37.60	0.00	6,598	151.22	0.10
37.70	0.00	6,561	151.21	0.10
37.80	0.00	6,525	151.21	0.10
37.90	0.00	6,488	151.20	0.10
38.00	0.00	6,452	151.19	0.10
38.10	0.00	6,416	151.19	0.10
38.20	0.00	6,381	151.18	0.10
38.30	0.00	6,346	151.18	0.10
38.40	0.00	6,311	151.17	0.10
38.50	0.00	6,276	151.16	0.10
38.60	0.00	6,242	151.16	0.09
38.70	0.00	6,208	151.15	0.09
38.80	0.00	6,174	151.15	0.09
38.90	0.00	6,141	151.14	0.09
39.00	0.00	6,108	151.14	0.09
39.10	0.00	6,075	151.13	0.09
39.20	0.00	6,042	151.13	0.09
39.30	0.00	6,010	151.12	0.09
39.40	0.00	5,978	151.11	0.09
39.50	0.00	5,947	151.11	0.09
39.60	0.00	5,915	151.10	0.09
39.70	0.00	5,884	151.10	0.09
39.80	0.00	5,853	151.09	0.09
39.90	0.00	5,823	151.09	0.08
40.00	0.00	5,793	151.08	0.08

Stage-Discharge for Pond B-21: Basin #21

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.00	0.00	150.52	0.00	151.04	0.08	151.56	0.14
150.01	0.00	150.53	0.00	151.05	0.08	151.57	0.14
150.02	0.00	150.54	0.00	151.06	0.08	151.58	0.14
150.03	0.00	150.55	0.00	151.07	0.08	151.59	0.14
150.04	0.00	150.56	0.00	151.08	0.08	151.60	0.14
150.05	0.00	150.57	0.00	151.09	0.08	151.61	0.15
150.06	0.00	150.58	0.00	151.10	0.09	151.62	0.15
150.07	0.00	150.59	0.00	151.11	0.09	151.63	0.15
150.08	0.00	150.60	0.00	151.12	0.09	151.64	0.15
150.09	0.00	150.61	0.00	151.13	0.09	151.65	0.15
150.10	0.00	150.62	0.00	151.14	0.09	151.66	0.15
150.11	0.00	150.63	0.00	151.15	0.09	151.67	0.15
150.12	0.00	150.64	0.00	151.16	0.10	151.68	0.15
150.13	0.00	150.65	0.00	151.17	0.10	151.69	0.15
150.14	0.00	150.66	0.00	151.18	0.10	151.70	0.15
150.15	0.00	150.67	0.00	151.19	0.10	151.71	0.15
150.16	0.00	150.68	0.00	151.20	0.10	151.72	0.16
150.17	0.00	150.69	0.00	151.21	0.10	151.73	0.16
150.18	0.00	150.70	0.00	151.22	0.10	151.74	0.16
150.19	0.00	150.71	0.00	151.23	0.10	151.75	0.16
150.20	0.00	150.72	0.00	151.24	0.11	151.76	0.16
150.21	0.00	150.73	0.00	151.25	0.11	151.77	0.16
150.22	0.00	150.74	0.00	151.26	0.11	151.78	0.16
150.23	0.00	150.75	0.00	151.27	0.11	151.79	0.16
150.24	0.00	150.76	0.00	151.28	0.11	151.80	0.16
150.25	0.00	150.77	0.00	151.29	0.11	151.81	0.16
150.26	0.00	150.78	0.01	151.30	0.11	151.82	0.16
150.27	0.00	150.79	0.01	151.31	0.11	151.83	0.16
150.28	0.00	150.80	0.01	151.32	0.12	151.84	0.17
150.29	0.00	150.81	0.01	151.33	0.12	151.85	0.17
150.30	0.00	150.82	0.02	151.34	0.12	151.86	0.17
150.31	0.00	150.83	0.02	151.35	0.12	151.87	0.17
150.32	0.00	150.84	0.02	151.36	0.12	151.88	0.17
150.33	0.00	150.85	0.03	151.37	0.12	151.89	0.17
150.34	0.00	150.86	0.03	151.38	0.12	151.90	0.17
150.35	0.00	150.87	0.03	151.39	0.12	151.91	0.17
150.36	0.00	150.88	0.04	151.40	0.12	151.92	0.17
150.37	0.00	150.89	0.04	151.41	0.13	151.93	0.17
150.38	0.00	150.90	0.05	151.42	0.13	151.94	0.17
150.39	0.00	150.91	0.05	151.43	0.13	151.95	0.17
150.40	0.00	150.92	0.05	151.44	0.13	151.96	0.17
150.41	0.00	150.93	0.05	151.45	0.13	151.97	0.18
150.42	0.00	150.94	0.06	151.46	0.13	151.98	0.18
150.43	0.00	150.95	0.06	151.47	0.13	151.99	0.18
150.44	0.00	150.96	0.06	151.48	0.13	152.00	0.18
150.45	0.00	150.97	0.06	151.49	0.13	152.01	0.18
150.46	0.00	150.98	0.06	151.50	0.13	152.02	0.18
150.47	0.00	150.99	0.07	151.51	0.14	152.03	0.18
150.48	0.00	151.00	0.07	151.52	0.14	152.04	0.18
150.49	0.00	151.01	0.07	151.53	0.14	152.05	0.18
150.50	0.00	151.02	0.07	151.54	0.14	152.06	0.18
150.51	0.00	151.03	0.07	151.55	0.14	152.07	0.18

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.08	0.18	152.60	2.03	153.12	9.07	153.64	16.12
152.09	0.18	152.61	2.13	153.13	9.23	153.65	16.14
152.10	0.19	152.62	2.23	153.14	9.40	153.66	16.17
152.11	0.19	152.63	2.34	153.15	9.56	153.67	16.19
152.12	0.19	152.64	2.44	153.16	9.73	153.68	16.21
152.13	0.19	152.65	2.55	153.17	9.90	153.69	16.23
152.14	0.19	152.66	2.66	153.18	10.07	153.70	16.26
152.15	0.19	152.67	2.77	153.19	10.24	153.71	16.28
152.16	0.19	152.68	2.88	153.20	10.41	153.72	16.30
152.17	0.19	152.69	3.00	153.21	10.58	153.73	16.32
152.18	0.19	152.70	3.11	153.22	10.75	153.74	16.34
152.19	0.19	152.71	3.23	153.23	10.92	153.75	16.37
152.20	0.19	152.72	3.35	153.24	11.09	153.76	16.39
152.21	0.19	152.73	3.47	153.25	11.27	153.77	16.41
152.22	0.19	152.74	3.59	153.26	11.44	153.78	16.43
152.23	0.19	152.75	3.71	153.27	11.62	153.79	16.46
152.24	0.20	152.76	3.84	153.28	11.79	153.80	16.48
152.25	0.20	152.77	3.96	153.29	11.97	153.81	16.50
152.26	0.20	152.78	4.09	153.30	12.15	153.82	16.52
152.27	0.20	152.79	4.22	153.31	12.33	153.83	16.54
152.28	0.20	152.80	4.35	153.32	12.51	153.84	16.56
152.29	0.20	152.81	4.48	153.33	12.69	153.85	16.59
152.30	0.20	152.82	4.61	153.34	12.87	153.86	16.61
152.31	0.20	152.83	4.74	153.35	13.05	153.87	16.63
152.32	0.20	152.84	4.88	153.36	13.23	153.88	16.65
152.33	0.20	152.85	5.01	153.37	13.41	153.89	16.67
152.34	0.22	152.86	5.15	153.38	13.60	153.90	16.70
152.35	0.24	152.87	5.28	153.39	13.78	153.91	16.72
152.36	0.27	152.88	5.42	153.40	13.97	153.92	16.74
152.37	0.31	152.89	5.56	153.41	14.15	153.93	16.76
152.38	0.35	152.90	5.70	153.42	14.34	153.94	16.78
152.39	0.40	152.91	5.85	153.43	14.53	153.95	16.80
152.40	0.45	152.92	5.99	153.44	14.71	153.96	16.82
152.41	0.50	152.93	6.13	153.45	14.90	153.97	16.85
152.42	0.56	152.94	6.28	153.46	15.09	153.98	16.87
152.43	0.62	152.95	6.43	153.47	15.28	153.99	16.89
152.44	0.68	152.96	6.57	153.48	15.47	154.00	16.91
152.45	0.75	152.97	6.72	153.49	15.66	154.01	16.93
152.46	0.82	152.98	6.87	153.50	15.80	154.02	16.95
152.47	0.89	152.99	7.02	153.51	15.83	154.03	16.97
152.48	0.97	153.00	7.18	153.52	15.85	154.04	17.00
152.49	1.04	153.01	7.33	153.53	15.87	154.05	17.02
152.50	1.12	153.02	7.48	153.54	15.90	154.06	17.04
152.51	1.20	153.03	7.64	153.55	15.92	154.07	17.06
152.52	1.29	153.04	7.79	153.56	15.94	154.08	17.08
152.53	1.37	153.05	7.95	153.57	15.96	154.09	17.10
152.54	1.46	153.06	8.11	153.58	15.99	154.10	17.12
152.55	1.55	153.07	8.26	153.59	16.01	154.11	17.14
152.56	1.64	153.08	8.42	153.60	16.03	154.12	17.17
152.57	1.74	153.09	8.58	153.61	16.05	154.13	17.19
152.58	1.83	153.10	8.75	153.62	16.08	154.14	17.21
152.59	1.93	153.11	8.91	153.63	16.10	154.15	17.23

Stage-Discharge for Pond B-21: Basin #21 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
154.16	17.25	154.68	68.66	155.20	168.30
154.17	17.39	154.69	70.36	155.21	170.49
154.18	17.62	154.70	72.09	155.22	172.68
154.19	17.92	154.71	73.84	155.23	174.89
154.20	18.27	154.72	75.62	155.24	177.11
154.21	18.67	154.73	77.43	155.25	179.33
154.22	19.10	154.74	79.26	155.26	181.57
154.23	19.57	154.75	81.13	155.27	183.82
154.24	20.07	154.76	83.02	155.28	186.08
154.25	20.61	154.77	84.66	155.29	188.35
154.26	21.18	154.78	86.32	155.30	190.63
154.27	21.77	154.79	88.00	155.31	192.91
154.28	22.39	154.80	89.68	155.32	195.21
154.29	23.04	154.81	91.38	155.33	197.52
154.30	23.71	154.82	93.10	155.34	199.84
154.31	24.41	154.83	94.82	155.35	202.17
154.32	25.13	154.84	96.56	155.36	204.51
154.33	25.87	154.85	98.31	155.37	206.89
154.34	26.64	154.86	100.08	155.38	209.29
154.35	27.42	154.87	101.86	155.39	211.70
154.36	28.23	154.88	103.65	155.40	214.11
154.37	29.10	154.89	105.45	155.41	216.54
154.38	29.99	154.90	107.27	155.42	218.98
154.39	30.91	154.91	109.09	155.43	221.43
154.40	31.85	154.92	110.94	155.44	223.89
154.41	32.82	154.93	112.79	155.45	226.35
154.42	33.81	154.94	114.65	155.46	228.83
154.43	34.83	154.95	116.53	155.47	231.33
154.44	35.88	154.96	118.42	155.48	233.83
154.45	36.94	154.97	120.36	155.49	236.34
154.46	38.04	154.98	122.31	155.50	238.86
154.47	39.15	154.99	124.27		
154.48	40.30	155.00	126.25		
154.49	41.46	155.01	128.24		
154.50	42.65	155.02	130.25		
154.51	43.87	155.03	132.27		
154.52	45.10	155.04	134.30		
154.53	46.37	155.05	136.34		
154.54	47.65	155.06	138.40		
154.55	48.96	155.07	140.47		
154.56	50.30	155.08	142.55		
154.57	51.69	155.09	144.65		
154.58	53.10	155.10	146.75		
154.59	54.54	155.11	148.87		
154.60	56.00	155.12	151.01		
154.61	57.49	155.13	153.15		
154.62	59.01	155.14	155.31		
154.63	60.55	155.15	157.48		
154.64	62.12	155.16	159.67		
154.65	63.71	155.17	161.81		
154.66	65.33	155.18	163.96		
154.67	66.98	155.19	166.13		

Stage-Area-Storage for Pond B-21: Basin #21

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.00	4,848	0	150.52	5,331	2,646
150.01	4,857	49	150.53	5,340	2,700
150.02	4,867	97	150.54	5,349	2,753
150.03	4,876	146	150.55	5,358	2,807
150.04	4,885	195	150.56	5,368	2,860
150.05	4,894	244	150.57	5,377	2,914
150.06	4,904	293	150.58	5,386	2,968
150.07	4,913	342	150.59	5,396	3,022
150.08	4,922	391	150.60	5,405	3,076
150.09	4,932	440	150.61	5,414	3,130
150.10	4,941	489	150.62	5,423	3,184
150.11	4,950	539	150.63	5,433	3,238
150.12	4,959	588	150.64	5,442	3,293
150.13	4,969	638	150.65	5,451	3,347
150.14	4,978	688	150.66	5,460	3,402
150.15	4,987	738	150.67	5,470	3,456
150.16	4,996	788	150.68	5,479	3,511
150.17	5,006	838	150.69	5,488	3,566
150.18	5,015	888	150.70	5,498	3,621
150.19	5,024	938	150.71	5,507	3,676
150.20	5,034	988	150.72	5,516	3,731
150.21	5,043	1,039	150.73	5,525	3,786
150.22	5,052	1,089	150.74	5,535	3,842
150.23	5,061	1,140	150.75	5,544	3,897
150.24	5,071	1,190	150.76	5,553	3,952
150.25	5,080	1,241	150.77	5,563	4,008
150.26	5,089	1,292	150.78	5,572	4,064
150.27	5,099	1,343	150.79	5,581	4,120
150.28	5,108	1,394	150.80	5,590	4,175
150.29	5,117	1,445	150.81	5,600	4,231
150.30	5,126	1,496	150.82	5,609	4,287
150.31	5,136	1,547	150.83	5,618	4,343
150.32	5,145	1,599	150.84	5,628	4,400
150.33	5,154	1,650	150.85	5,637	4,456
150.34	5,164	1,702	150.86	5,646	4,512
150.35	5,173	1,754	150.87	5,655	4,569
150.36	5,182	1,805	150.88	5,665	4,626
150.37	5,191	1,857	150.89	5,674	4,682
150.38	5,201	1,909	150.90	5,683	4,739
150.39	5,210	1,961	150.91	5,692	4,796
150.40	5,219	2,013	150.92	5,702	4,853
150.41	5,228	2,066	150.93	5,711	4,910
150.42	5,238	2,118	150.94	5,720	4,967
150.43	5,247	2,170	150.95	5,730	5,024
150.44	5,256	2,223	150.96	5,739	5,082
150.45	5,266	2,276	150.97	5,748	5,139
150.46	5,275	2,328	150.98	5,757	5,197
150.47	5,284	2,381	150.99	5,767	5,254
150.48	5,293	2,434	151.00	5,776	5,312
150.49	5,303	2,487	151.01	5,786	5,370
150.50	5,312	2,540	151.02	5,796	5,428
150.51	5,321	2,593	151.03	5,806	5,486

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.04	5,815	5,544	151.56	6,328	8,701
151.05	5,825	5,602	151.57	6,337	8,764
151.06	5,835	5,660	151.58	6,347	8,828
151.07	5,845	5,719	151.59	6,357	8,891
151.08	5,855	5,777	151.60	6,367	8,955
151.09	5,865	5,836	151.61	6,377	9,019
151.10	5,874	5,895	151.62	6,387	9,082
151.11	5,884	5,953	151.63	6,397	9,146
151.12	5,894	6,012	151.64	6,406	9,210
151.13	5,904	6,071	151.65	6,416	9,274
151.14	5,914	6,130	151.66	6,426	9,339
151.15	5,924	6,189	151.67	6,436	9,403
151.16	5,934	6,249	151.68	6,446	9,467
151.17	5,943	6,308	151.69	6,456	9,532
151.18	5,953	6,368	151.70	6,465	9,597
151.19	5,963	6,427	151.71	6,475	9,661
151.20	5,973	6,487	151.72	6,485	9,726
151.21	5,983	6,547	151.73	6,495	9,791
151.22	5,993	6,607	151.74	6,505	9,856
151.23	6,003	6,667	151.75	6,515	9,921
151.24	6,012	6,727	151.76	6,525	9,986
151.25	6,022	6,787	151.77	6,534	10,052
151.26	6,032	6,847	151.78	6,544	10,117
151.27	6,042	6,907	151.79	6,554	10,182
151.28	6,052	6,968	151.80	6,564	10,248
151.29	6,062	7,028	151.81	6,574	10,314
151.30	6,072	7,089	151.82	6,584	10,379
151.31	6,081	7,150	151.83	6,594	10,445
151.32	6,091	7,211	151.84	6,603	10,511
151.33	6,101	7,272	151.85	6,613	10,577
151.34	6,111	7,333	151.86	6,623	10,644
151.35	6,121	7,394	151.87	6,633	10,710
151.36	6,131	7,455	151.88	6,643	10,776
151.37	6,140	7,517	151.89	6,653	10,843
151.38	6,150	7,578	151.90	6,663	10,909
151.39	6,160	7,640	151.91	6,672	10,976
151.40	6,170	7,701	151.92	6,682	11,043
151.41	6,180	7,763	151.93	6,692	11,110
151.42	6,190	7,825	151.94	6,702	11,177
151.43	6,200	7,887	151.95	6,712	11,244
151.44	6,209	7,949	151.96	6,722	11,311
151.45	6,219	8,011	151.97	6,731	11,378
151.46	6,229	8,073	151.98	6,741	11,445
151.47	6,239	8,136	151.99	6,751	11,513
151.48	6,249	8,198	152.00	6,761	11,581
151.49	6,259	8,260	152.01	6,771	11,648
151.50	6,269	8,323	152.02	6,782	11,716
151.51	6,278	8,386	152.03	6,792	11,784
151.52	6,288	8,449	152.04	6,803	11,852
151.53	6,298	8,512	152.05	6,813	11,920
151.54	6,308	8,575	152.06	6,823	11,988
151.55	6,318	8,638	152.07	6,834	12,056

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.08	6,844	12,125	152.60	7,386	15,824
152.09	6,855	12,193	152.61	7,396	15,898
152.10	6,865	12,262	152.62	7,406	15,972
152.11	6,876	12,331	152.63	7,417	16,047
152.12	6,886	12,399	152.64	7,427	16,121
152.13	6,896	12,468	152.65	7,438	16,195
152.14	6,907	12,537	152.66	7,448	16,269
152.15	6,917	12,606	152.67	7,458	16,344
152.16	6,928	12,676	152.68	7,469	16,419
152.17	6,938	12,745	152.69	7,479	16,493
152.18	6,948	12,814	152.70	7,490	16,568
152.19	6,959	12,884	152.71	7,500	16,643
152.20	6,969	12,954	152.72	7,511	16,718
152.21	6,980	13,023	152.73	7,521	16,793
152.22	6,990	13,093	152.74	7,531	16,869
152.23	7,000	13,163	152.75	7,542	16,944
152.24	7,011	13,233	152.76	7,552	17,020
152.25	7,021	13,303	152.77	7,563	17,095
152.26	7,032	13,374	152.78	7,573	17,171
152.27	7,042	13,444	152.79	7,583	17,247
152.28	7,052	13,514	152.80	7,594	17,322
152.29	7,063	13,585	152.81	7,604	17,398
152.30	7,073	13,656	152.82	7,615	17,475
152.31	7,084	13,726	152.83	7,625	17,551
152.32	7,094	13,797	152.84	7,635	17,627
152.33	7,105	13,868	152.85	7,646	17,703
152.34	7,115	13,939	152.86	7,656	17,780
152.35	7,125	14,011	152.87	7,667	17,857
152.36	7,136	14,082	152.88	7,677	17,933
152.37	7,146	14,153	152.89	7,687	18,010
152.38	7,157	14,225	152.90	7,698	18,087
152.39	7,167	14,296	152.91	7,708	18,164
152.40	7,177	14,368	152.92	7,719	18,241
152.41	7,188	14,440	152.93	7,729	18,318
152.42	7,198	14,512	152.94	7,740	18,396
152.43	7,209	14,584	152.95	7,750	18,473
152.44	7,219	14,656	152.96	7,760	18,551
152.45	7,229	14,728	152.97	7,771	18,628
152.46	7,240	14,801	152.98	7,781	18,706
152.47	7,250	14,873	152.99	7,792	18,784
152.48	7,261	14,946	153.00	7,802	18,862
152.49	7,271	15,018	153.01	7,813	18,940
152.50	7,282	15,091	153.02	7,824	19,018
152.51	7,292	15,164	153.03	7,835	19,097
152.52	7,302	15,237	153.04	7,846	19,175
152.53	7,313	15,310	153.05	7,857	19,253
152.54	7,323	15,383	153.06	7,868	19,332
152.55	7,334	15,457	153.07	7,879	19,411
152.56	7,344	15,530	153.08	7,890	19,490
152.57	7,354	15,603	153.09	7,901	19,569
152.58	7,365	15,677	153.10	7,912	19,648
152.59	7,375	15,751	153.11	7,923	19,727

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
153.12	7,934	19,806	153.64	8,505	24,080
153.13	7,945	19,886	153.65	8,516	24,165
153.14	7,956	19,965	153.66	8,527	24,250
153.15	7,967	20,045	153.67	8,538	24,336
153.16	7,978	20,124	153.68	8,549	24,421
153.17	7,989	20,204	153.69	8,560	24,507
153.18	8,000	20,284	153.70	8,571	24,592
153.19	8,011	20,364	153.71	8,582	24,678
153.20	8,022	20,444	153.72	8,593	24,764
153.21	8,033	20,525	153.73	8,604	24,850
153.22	8,044	20,605	153.74	8,615	24,936
153.23	8,055	20,686	153.75	8,626	25,022
153.24	8,066	20,766	153.76	8,636	25,109
153.25	8,077	20,847	153.77	8,647	25,195
153.26	8,087	20,928	153.78	8,658	25,282
153.27	8,098	21,009	153.79	8,669	25,368
153.28	8,109	21,090	153.80	8,680	25,455
153.29	8,120	21,171	153.81	8,691	25,542
153.30	8,131	21,252	153.82	8,702	25,629
153.31	8,142	21,333	153.83	8,713	25,716
153.32	8,153	21,415	153.84	8,724	25,803
153.33	8,164	21,496	153.85	8,735	25,890
153.34	8,175	21,578	153.86	8,746	25,978
153.35	8,186	21,660	153.87	8,757	26,065
153.36	8,197	21,742	153.88	8,768	26,153
153.37	8,208	21,824	153.89	8,779	26,241
153.38	8,219	21,906	153.90	8,790	26,328
153.39	8,230	21,988	153.91	8,801	26,416
153.40	8,241	22,071	153.92	8,812	26,505
153.41	8,252	22,153	153.93	8,823	26,593
153.42	8,263	22,236	153.94	8,834	26,681
153.43	8,274	22,318	153.95	8,845	26,769
153.44	8,285	22,401	153.96	8,856	26,858
153.45	8,296	22,484	153.97	8,867	26,946
153.46	8,307	22,567	153.98	8,878	27,035
153.47	8,318	22,650	153.99	8,889	27,124
153.48	8,329	22,733	154.00	8,900	27,213
153.49	8,340	22,817	154.01	8,912	27,302
153.50	8,351	22,900	154.02	8,923	27,391
153.51	8,362	22,984	154.03	8,935	27,481
153.52	8,373	23,067	154.04	8,946	27,570
153.53	8,384	23,151	154.05	8,958	27,659
153.54	8,395	23,235	154.06	8,969	27,749
153.55	8,406	23,319	154.07	8,981	27,839
153.56	8,417	23,403	154.08	8,992	27,929
153.57	8,428	23,488	154.09	9,004	28,019
153.58	8,439	23,572	154.10	9,015	28,109
153.59	8,450	23,656	154.11	9,027	28,199
153.60	8,461	23,741	154.12	9,038	28,289
153.61	8,472	23,826	154.13	9,050	28,380
153.62	8,483	23,910	154.14	9,062	28,470
153.63	8,494	23,995	154.15	9,073	28,561

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
154.16	9,085	28,652	154.68	9,685	33,532
154.17	9,096	28,743	154.69	9,696	33,629
154.18	9,108	28,834	154.70	9,708	33,726
154.19	9,119	28,925	154.71	9,719	33,823
154.20	9,131	29,016	154.72	9,731	33,920
154.21	9,142	29,107	154.73	9,742	34,017
154.22	9,154	29,199	154.74	9,754	34,115
154.23	9,165	29,291	154.75	9,766	34,213
154.24	9,177	29,382	154.76	9,777	34,310
154.25	9,189	29,474	154.77	9,789	34,408
154.26	9,200	29,566	154.78	9,800	34,506
154.27	9,212	29,658	154.79	9,812	34,604
154.28	9,223	29,750	154.80	9,823	34,702
154.29	9,235	29,843	154.81	9,835	34,801
154.30	9,246	29,935	154.82	9,846	34,899
154.31	9,258	30,027	154.83	9,858	34,997
154.32	9,269	30,120	154.84	9,869	35,096
154.33	9,281	30,213	154.85	9,881	35,195
154.34	9,292	30,306	154.86	9,892	35,294
154.35	9,304	30,399	154.87	9,904	35,393
154.36	9,315	30,492	154.88	9,916	35,492
154.37	9,327	30,585	154.89	9,927	35,591
154.38	9,339	30,678	154.90	9,939	35,690
154.39	9,350	30,772	154.91	9,950	35,790
154.40	9,362	30,865	154.92	9,962	35,889
154.41	9,373	30,959	154.93	9,973	35,989
154.42	9,385	31,053	154.94	9,985	36,089
154.43	9,396	31,147	154.95	9,996	36,189
154.44	9,408	31,241	154.96	10,008	36,289
154.45	9,419	31,335	154.97	10,019	36,389
154.46	9,431	31,429	154.98	10,031	36,489
154.47	9,442	31,523	154.99	10,042	36,590
154.48	9,454	31,618	155.00	10,054	36,690
154.49	9,465	31,713	155.01	10,066	36,791
154.50	9,477	31,807	155.02	10,078	36,891
154.51	9,489	31,902	155.03	10,090	36,992
154.52	9,500	31,997	155.04	10,102	37,093
154.53	9,512	32,092	155.05	10,114	37,194
154.54	9,523	32,187	155.06	10,126	37,295
154.55	9,535	32,283	155.07	10,138	37,397
154.56	9,546	32,378	155.08	10,150	37,498
154.57	9,558	32,473	155.09	10,162	37,600
154.58	9,569	32,569	155.10	10,174	37,701
154.59	9,581	32,665	155.11	10,186	37,803
154.60	9,592	32,761	155.12	10,198	37,905
154.61	9,604	32,857	155.13	10,210	38,007
154.62	9,615	32,953	155.14	10,222	38,109
154.63	9,627	33,049	155.15	10,234	38,212
154.64	9,639	33,145	155.16	10,246	38,314
154.65	9,650	33,242	155.17	10,258	38,416
154.66	9,662	33,338	155.18	10,270	38,519
154.67	9,673	33,435	155.19	10,282	38,622

Stage-Area-Storage for Pond B-21: Basin #21 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
155.20	10,294	38,725
155.21	10,306	38,828
155.22	10,318	38,931
155.23	10,330	39,034
155.24	10,342	39,137
155.25	10,354	39,241
155.26	10,365	39,345
155.27	10,377	39,448
155.28	10,389	39,552
155.29	10,401	39,656
155.30	10,413	39,760
155.31	10,425	39,864
155.32	10,437	39,969
155.33	10,449	40,073
155.34	10,461	40,178
155.35	10,473	40,282
155.36	10,485	40,387
155.37	10,497	40,492
155.38	10,509	40,597
155.39	10,521	40,702
155.40	10,533	40,807
155.41	10,545	40,913
155.42	10,557	41,018
155.43	10,569	41,124
155.44	10,581	41,230
155.45	10,593	41,336
155.46	10,605	41,442
155.47	10,617	41,548
155.48	10,629	41,654
155.49	10,641	41,760
155.50	10,653	41,867

Summary for Pond B-22: Basin #22

Inflow Area = 2.460 ac, 33.05% Impervious, Inflow Depth = 8.73" for Future 100 yr event
 Inflow = 21.95 cfs @ 12.17 hrs, Volume= 1.791 af
 Outflow = 13.93 cfs @ 12.29 hrs, Volume= 1.667 af, Atten= 37%, Lag= 7.1 min
 Primary = 13.93 cfs @ 12.29 hrs, Volume= 1.667 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 150.73' @ 12.29 hrs Surf.Area= 9,821 sf Storage= 22,765 cf

Plug-Flow detention time= 184.4 min calculated for 1.667 af (93% of inflow)
 Center-of-Mass det. time= 146.0 min (928.2 - 782.2)

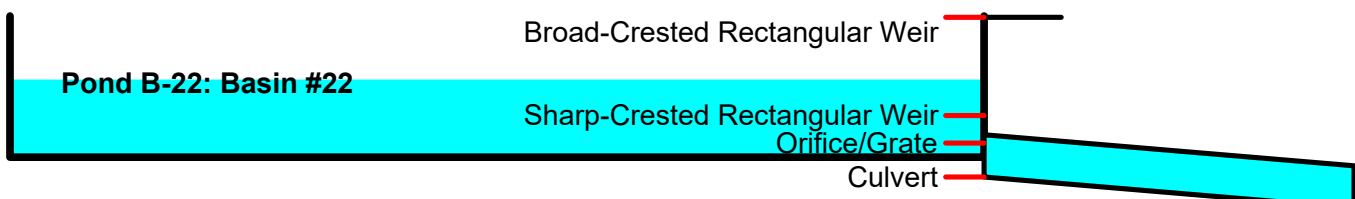
Volume	Invert	Avail.Storage	Storage Description
#1	148.00'	48,103 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
148.00	6,928	0	0
149.00	7,937	7,433	7,433
150.00	9,003	8,470	15,903
151.00	10,125	9,564	25,467
152.00	11,304	10,715	36,181
153.00	12,540	11,922	48,103

Device	Routing	Invert	Outlet Devices
#1	Primary	147.30'	18.0" Round Culvert L= 24.0' Ke= 0.500 Inlet / Outlet Invert= 147.30' / 146.20' S= 0.0458 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	148.50'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	149.47'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	152.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

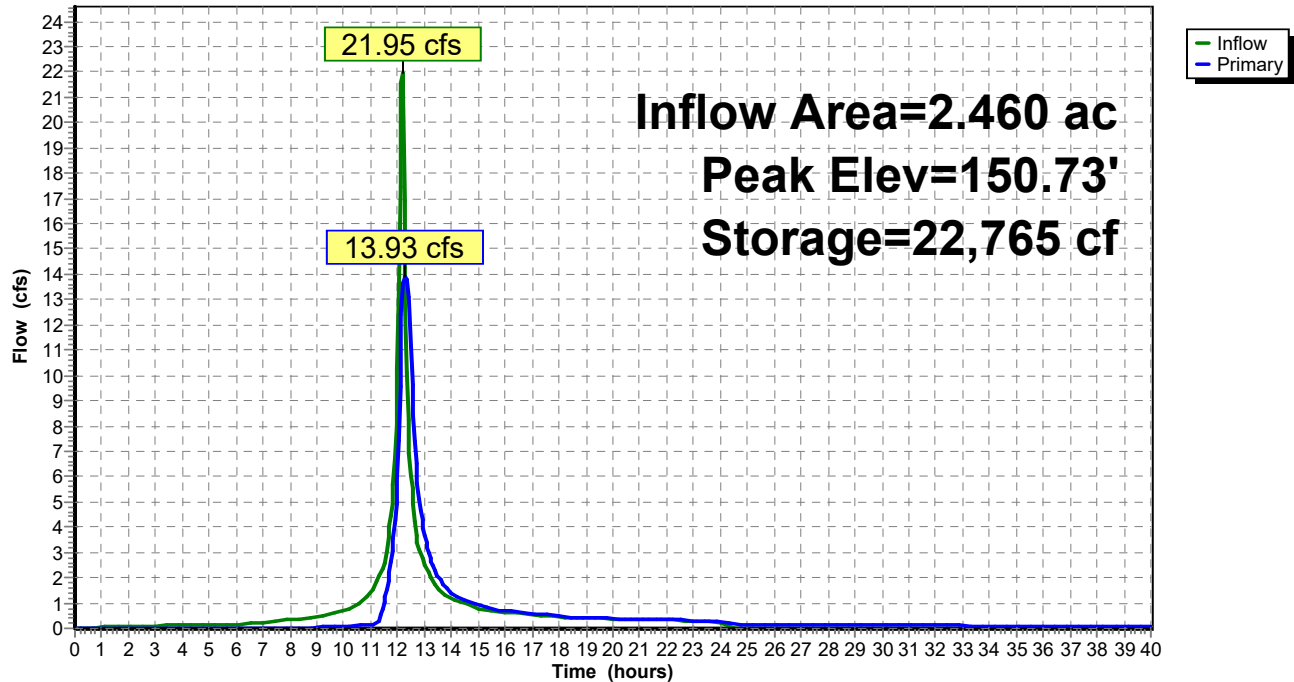
Primary OutFlow Max=13.91 cfs @ 12.29 hrs HW=150.72' (Free Discharge)

1=Culvert (Inlet Controls 13.91 cfs @ 7.87 fps)
 2=Orifice/Grate (Passes < 0.24 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 17.21 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-22: Basin #22

Hydrograph



Hydrograph for Pond B-22: Basin #22

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	148.00	0.00
0.10	0.00	0	148.00	0.00
0.20	0.00	0	148.00	0.00
0.30	0.00	0	148.00	0.00
0.40	0.00	0	148.00	0.00
0.50	0.00	1	148.00	0.00
0.60	0.01	3	148.00	0.00
0.70	0.02	9	148.00	0.00
0.80	0.03	17	148.00	0.00
0.90	0.03	29	148.00	0.00
1.00	0.04	42	148.01	0.00
1.10	0.05	58	148.01	0.00
1.20	0.05	75	148.01	0.00
1.30	0.06	94	148.01	0.00
1.40	0.06	115	148.02	0.00
1.50	0.06	137	148.02	0.00
1.60	0.07	161	148.02	0.00
1.70	0.07	186	148.03	0.00
1.80	0.07	212	148.03	0.00
1.90	0.08	239	148.03	0.00
2.00	0.08	267	148.04	0.00
2.10	0.08	296	148.04	0.00
2.20	0.08	326	148.05	0.00
2.30	0.09	356	148.05	0.00
2.40	0.09	388	148.06	0.00
2.50	0.09	420	148.06	0.00
2.60	0.09	453	148.07	0.00
2.70	0.09	487	148.07	0.00
2.80	0.10	522	148.07	0.00
2.90	0.10	557	148.08	0.00
3.00	0.10	593	148.09	0.00
3.10	0.10	629	148.09	0.00
3.20	0.10	666	148.10	0.00
3.30	0.11	704	148.10	0.00
3.40	0.11	742	148.11	0.00
3.50	0.11	781	148.11	0.00
3.60	0.11	820	148.12	0.00
3.70	0.11	860	148.12	0.00
3.80	0.11	900	148.13	0.00
3.90	0.11	941	148.13	0.00
4.00	0.12	982	148.14	0.00
4.10	0.12	1,024	148.15	0.00
4.20	0.12	1,066	148.15	0.00
4.30	0.12	1,109	148.16	0.00
4.40	0.12	1,152	148.16	0.00
4.50	0.12	1,196	148.17	0.00
4.60	0.12	1,240	148.18	0.00
4.70	0.12	1,284	148.18	0.00
4.80	0.13	1,329	148.19	0.00
4.90	0.13	1,374	148.20	0.00
5.00	0.13	1,420	148.20	0.00
5.10	0.13	1,466	148.21	0.00

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,513	148.22	0.00
5.30	0.14	1,561	148.22	0.00
5.40	0.14	1,610	148.23	0.00
5.50	0.14	1,661	148.24	0.00
5.60	0.15	1,713	148.24	0.00
5.70	0.15	1,766	148.25	0.00
5.80	0.15	1,821	148.26	0.00
5.90	0.16	1,877	148.27	0.00
6.00	0.16	1,935	148.27	0.00
6.10	0.17	1,994	148.28	0.00
6.20	0.17	2,055	148.29	0.00
6.30	0.18	2,118	148.30	0.00
6.40	0.19	2,184	148.31	0.00
6.50	0.19	2,252	148.32	0.00
6.60	0.20	2,324	148.33	0.00
6.70	0.21	2,398	148.34	0.00
6.80	0.22	2,475	148.35	0.00
6.90	0.23	2,554	148.36	0.00
7.00	0.23	2,637	148.37	0.00
7.10	0.24	2,723	148.38	0.00
7.20	0.25	2,811	148.39	0.00
7.30	0.26	2,903	148.41	0.00
7.40	0.27	2,998	148.42	0.00
7.50	0.28	3,096	148.43	0.00
7.60	0.29	3,198	148.45	0.00
7.70	0.30	3,302	148.46	0.00
7.80	0.30	3,410	148.48	0.00
7.90	0.31	3,521	148.49	0.00
8.00	0.32	3,636	148.51	0.00
8.10	0.33	3,754	148.52	0.00
8.20	0.34	3,875	148.54	0.00
8.30	0.35	3,999	148.55	0.01
8.40	0.36	4,125	148.57	0.01
8.50	0.37	4,253	148.59	0.01
8.60	0.38	4,383	148.61	0.02
8.70	0.39	4,515	148.62	0.03
8.80	0.41	4,649	148.64	0.03
8.90	0.42	4,784	148.66	0.04
9.00	0.43	4,921	148.68	0.04
9.10	0.44	5,060	148.70	0.05
9.20	0.47	5,204	148.71	0.05
9.30	0.49	5,357	148.73	0.06
9.40	0.52	5,518	148.75	0.06
9.50	0.55	5,688	148.78	0.07
9.60	0.59	5,868	148.80	0.07
9.70	0.62	6,057	148.82	0.08
9.80	0.65	6,257	148.85	0.08
9.90	0.68	6,467	148.88	0.09
10.00	0.72	6,687	148.91	0.09
10.10	0.75	6,918	148.93	0.09
10.20	0.79	7,160	148.97	0.10
10.30	0.82	7,413	149.00	0.10

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.86	7,677	149.03	0.11
10.50	0.89	7,953	149.07	0.11
10.60	0.95	8,243	149.10	0.12
10.70	1.05	8,561	149.14	0.12
10.80	1.17	8,916	149.18	0.13
10.90	1.29	9,313	149.23	0.13
11.00	1.42	9,753	149.29	0.14
11.10	1.57	10,240	149.35	0.14
11.20	1.79	10,792	149.41	0.15
11.30	2.02	11,420	149.49	0.19
11.40	2.27	12,067	149.56	0.53
11.50	2.52	12,653	149.63	1.01
11.60	3.06	13,182	149.69	1.53
11.70	4.05	13,798	149.76	2.22
11.80	4.94	14,453	149.84	3.05
11.90	6.70	15,242	149.93	4.13
12.00	10.24	16,432	150.06	5.93
12.10	17.47	18,578	150.29	9.56
12.20	21.18	21,624	150.61	13.62
12.30	12.82	22,752	150.73	13.92
12.40	8.24	21,507	150.60	13.59
12.50	6.05	19,459	150.39	11.16
12.60	4.90	17,937	150.22	8.43
12.70	3.70	16,791	150.10	6.51
12.80	3.19	15,935	150.00	5.16
12.90	2.87	15,335	149.94	4.27
13.00	2.58	14,897	149.89	3.64
13.10	2.31	14,553	149.85	3.18
13.20	2.07	14,266	149.82	2.80
13.30	1.90	14,027	149.79	2.50
13.40	1.75	13,826	149.77	2.26
13.50	1.60	13,654	149.75	2.05
13.60	1.45	13,496	149.73	1.87
13.70	1.33	13,351	149.71	1.71
13.80	1.27	13,227	149.70	1.58
13.90	1.23	13,128	149.69	1.47
14.00	1.19	13,047	149.68	1.39
14.10	1.15	12,979	149.67	1.32
14.20	1.11	12,920	149.66	1.26
14.30	1.07	12,868	149.66	1.21
14.40	1.03	12,821	149.65	1.16
14.50	1.00	12,775	149.65	1.12
14.60	0.96	12,731	149.64	1.08
14.70	0.92	12,687	149.63	1.04
14.80	0.88	12,643	149.63	1.00
14.90	0.84	12,600	149.62	0.96
15.00	0.80	12,556	149.62	0.92
15.10	0.77	12,513	149.61	0.89
15.20	0.73	12,470	149.61	0.85
15.30	0.72	12,432	149.61	0.81
15.40	0.71	12,401	149.60	0.79
15.50	0.70	12,374	149.60	0.76

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.69	12,351	149.60	0.75
15.70	0.68	12,330	149.59	0.73
15.80	0.66	12,311	149.59	0.72
15.90	0.65	12,293	149.59	0.70
16.00	0.64	12,276	149.59	0.69
16.10	0.63	12,260	149.59	0.68
16.20	0.63	12,244	149.58	0.67
16.30	0.61	12,229	149.58	0.66
16.40	0.60	12,215	149.58	0.64
16.50	0.59	12,200	149.58	0.63
16.60	0.58	12,186	149.58	0.62
16.70	0.57	12,171	149.57	0.61
16.80	0.56	12,158	149.57	0.60
16.90	0.55	12,143	149.57	0.59
17.00	0.54	12,129	149.57	0.58
17.10	0.53	12,116	149.57	0.57
17.20	0.52	12,102	149.57	0.56
17.30	0.51	12,088	149.57	0.55
17.40	0.50	12,074	149.56	0.54
17.50	0.49	12,060	149.56	0.53
17.60	0.48	12,047	149.56	0.52
17.70	0.47	12,033	149.56	0.51
17.80	0.46	12,019	149.56	0.50
17.90	0.45	12,005	149.56	0.49
18.00	0.44	11,992	149.55	0.48
18.10	0.43	11,978	149.55	0.47
18.20	0.42	11,964	149.55	0.46
18.30	0.42	11,952	149.55	0.45
18.40	0.41	11,940	149.55	0.44
18.50	0.41	11,930	149.55	0.44
18.60	0.41	11,921	149.55	0.43
18.70	0.41	11,912	149.54	0.43
18.80	0.40	11,905	149.54	0.42
18.90	0.40	11,897	149.54	0.42
19.00	0.40	11,891	149.54	0.42
19.10	0.40	11,884	149.54	0.41
19.20	0.39	11,878	149.54	0.41
19.30	0.39	11,872	149.54	0.41
19.40	0.39	11,867	149.54	0.40
19.50	0.39	11,861	149.54	0.40
19.60	0.38	11,856	149.54	0.40
19.70	0.38	11,851	149.54	0.40
19.80	0.38	11,846	149.54	0.39
19.90	0.38	11,841	149.54	0.39
20.00	0.37	11,836	149.54	0.39
20.10	0.37	11,831	149.53	0.38
20.20	0.37	11,826	149.53	0.38
20.30	0.37	11,821	149.53	0.38
20.40	0.36	11,816	149.53	0.38
20.50	0.36	11,811	149.53	0.37
20.60	0.36	11,807	149.53	0.37
20.70	0.36	11,802	149.53	0.37

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	11,798	149.53	0.37
20.90	0.35	11,793	149.53	0.36
21.00	0.35	11,788	149.53	0.36
21.10	0.35	11,783	149.53	0.36
21.20	0.34	11,778	149.53	0.36
21.30	0.34	11,773	149.53	0.35
21.40	0.34	11,769	149.53	0.35
21.50	0.34	11,764	149.53	0.35
21.60	0.33	11,759	149.53	0.35
21.70	0.33	11,755	149.53	0.34
21.80	0.33	11,750	149.53	0.34
21.90	0.33	11,745	149.52	0.34
22.00	0.32	11,741	149.52	0.34
22.10	0.32	11,736	149.52	0.33
22.20	0.32	11,731	149.52	0.33
22.30	0.32	11,727	149.52	0.33
22.40	0.31	11,722	149.52	0.33
22.50	0.31	11,717	149.52	0.32
22.60	0.31	11,712	149.52	0.32
22.70	0.31	11,708	149.52	0.32
22.80	0.30	11,703	149.52	0.32
22.90	0.30	11,698	149.52	0.31
23.00	0.30	11,693	149.52	0.31
23.10	0.29	11,689	149.52	0.31
23.20	0.29	11,684	149.52	0.30
23.30	0.29	11,679	149.52	0.30
23.40	0.29	11,674	149.52	0.30
23.50	0.28	11,670	149.52	0.30
23.60	0.28	11,665	149.52	0.29
23.70	0.28	11,660	149.51	0.29
23.80	0.28	11,655	149.51	0.29
23.90	0.27	11,651	149.51	0.29
24.00	0.29	11,648	149.51	0.28
24.10	0.24	11,646	149.51	0.28
24.20	0.07	11,601	149.51	0.26
24.30	0.02	11,528	149.50	0.22
24.40	0.00	11,455	149.49	0.20
24.50	0.00	11,387	149.48	0.18
24.60	0.00	11,324	149.48	0.16
24.70	0.00	11,268	149.47	0.15
24.80	0.00	11,213	149.46	0.15
24.90	0.00	11,158	149.46	0.15
25.00	0.00	11,104	149.45	0.15
25.10	0.00	11,050	149.44	0.15
25.20	0.00	10,996	149.44	0.15
25.30	0.00	10,942	149.43	0.15
25.40	0.00	10,888	149.42	0.15
25.50	0.00	10,835	149.42	0.15
25.60	0.00	10,782	149.41	0.15
25.70	0.00	10,729	149.40	0.15
25.80	0.00	10,676	149.40	0.15
25.90	0.00	10,623	149.39	0.15

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,571	149.39	0.15
26.10	0.00	10,519	149.38	0.14
26.20	0.00	10,467	149.37	0.14
26.30	0.00	10,415	149.37	0.14
26.40	0.00	10,364	149.36	0.14
26.50	0.00	10,313	149.35	0.14
26.60	0.00	10,262	149.35	0.14
26.70	0.00	10,211	149.34	0.14
26.80	0.00	10,160	149.34	0.14
26.90	0.00	10,110	149.33	0.14
27.00	0.00	10,059	149.32	0.14
27.10	0.00	10,009	149.32	0.14
27.20	0.00	9,960	149.31	0.14
27.30	0.00	9,910	149.31	0.14
27.40	0.00	9,861	149.30	0.14
27.50	0.00	9,811	149.29	0.14
27.60	0.00	9,762	149.29	0.14
27.70	0.00	9,714	149.28	0.14
27.80	0.00	9,665	149.28	0.13
27.90	0.00	9,617	149.27	0.13
28.00	0.00	9,569	149.26	0.13
28.10	0.00	9,521	149.26	0.13
28.20	0.00	9,473	149.25	0.13
28.30	0.00	9,426	149.25	0.13
28.40	0.00	9,378	149.24	0.13
28.50	0.00	9,331	149.24	0.13
28.60	0.00	9,285	149.23	0.13
28.70	0.00	9,238	149.22	0.13
28.80	0.00	9,191	149.22	0.13
28.90	0.00	9,145	149.21	0.13
29.00	0.00	9,099	149.21	0.13
29.10	0.00	9,054	149.20	0.13
29.20	0.00	9,008	149.20	0.13
29.30	0.00	8,963	149.19	0.13
29.40	0.00	8,918	149.18	0.13
29.50	0.00	8,873	149.18	0.12
29.60	0.00	8,828	149.17	0.12
29.70	0.00	8,783	149.17	0.12
29.80	0.00	8,739	149.16	0.12
29.90	0.00	8,695	149.16	0.12
30.00	0.00	8,651	149.15	0.12
30.10	0.00	8,608	149.15	0.12
30.20	0.00	8,564	149.14	0.12
30.30	0.00	8,521	149.14	0.12
30.40	0.00	8,478	149.13	0.12
30.50	0.00	8,435	149.13	0.12
30.60	0.00	8,393	149.12	0.12
30.70	0.00	8,350	149.11	0.12
30.80	0.00	8,308	149.11	0.12
30.90	0.00	8,266	149.10	0.12
31.00	0.00	8,225	149.10	0.12
31.10	0.00	8,183	149.09	0.11

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,142	149.09	0.11
31.30	0.00	8,101	149.08	0.11
31.40	0.00	8,060	149.08	0.11
31.50	0.00	8,020	149.07	0.11
31.60	0.00	7,979	149.07	0.11
31.70	0.00	7,939	149.06	0.11
31.80	0.00	7,899	149.06	0.11
31.90	0.00	7,860	149.05	0.11
32.00	0.00	7,820	149.05	0.11
32.10	0.00	7,781	149.04	0.11
32.20	0.00	7,742	149.04	0.11
32.30	0.00	7,703	149.03	0.11
32.40	0.00	7,664	149.03	0.11
32.50	0.00	7,626	149.02	0.11
32.60	0.00	7,588	149.02	0.11
32.70	0.00	7,550	149.01	0.11
32.80	0.00	7,512	149.01	0.10
32.90	0.00	7,475	149.01	0.10
33.00	0.00	7,437	149.00	0.10
33.10	0.00	7,400	149.00	0.10
33.20	0.00	7,363	148.99	0.10
33.30	0.00	7,327	148.99	0.10
33.40	0.00	7,290	148.98	0.10
33.50	0.00	7,254	148.98	0.10
33.60	0.00	7,218	148.97	0.10
33.70	0.00	7,182	148.97	0.10
33.80	0.00	7,147	148.96	0.10
33.90	0.00	7,111	148.96	0.10
34.00	0.00	7,076	148.95	0.10
34.10	0.00	7,041	148.95	0.10
34.20	0.00	7,007	148.95	0.10
34.30	0.00	6,972	148.94	0.10
34.40	0.00	6,938	148.94	0.09
34.50	0.00	6,904	148.93	0.09
34.60	0.00	6,870	148.93	0.09
34.70	0.00	6,837	148.92	0.09
34.80	0.00	6,804	148.92	0.09
34.90	0.00	6,770	148.92	0.09
35.00	0.00	6,738	148.91	0.09
35.10	0.00	6,705	148.91	0.09
35.20	0.00	6,673	148.90	0.09
35.30	0.00	6,640	148.90	0.09
35.40	0.00	6,608	148.90	0.09
35.50	0.00	6,577	148.89	0.09
35.60	0.00	6,545	148.89	0.09
35.70	0.00	6,514	148.88	0.09
35.80	0.00	6,483	148.88	0.09
35.90	0.00	6,452	148.88	0.09
36.00	0.00	6,421	148.87	0.08
36.10	0.00	6,391	148.87	0.08
36.20	0.00	6,361	148.86	0.08
36.30	0.00	6,331	148.86	0.08

Hydrograph for Pond B-22: Basin #22 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,301	148.86	0.08
36.50	0.00	6,271	148.85	0.08
36.60	0.00	6,242	148.85	0.08
36.70	0.00	6,213	148.84	0.08
36.80	0.00	6,184	148.84	0.08
36.90	0.00	6,155	148.84	0.08
37.00	0.00	6,127	148.83	0.08
37.10	0.00	6,099	148.83	0.08
37.20	0.00	6,071	148.83	0.08
37.30	0.00	6,043	148.82	0.08
37.40	0.00	6,016	148.82	0.08
37.50	0.00	5,988	148.82	0.08
37.60	0.00	5,961	148.81	0.07
37.70	0.00	5,935	148.81	0.07
37.80	0.00	5,908	148.81	0.07
37.90	0.00	5,882	148.80	0.07
38.00	0.00	5,855	148.80	0.07
38.10	0.00	5,830	148.80	0.07
38.20	0.00	5,804	148.79	0.07
38.30	0.00	5,778	148.79	0.07
38.40	0.00	5,753	148.79	0.07
38.50	0.00	5,728	148.78	0.07
38.60	0.00	5,703	148.78	0.07
38.70	0.00	5,679	148.78	0.07
38.80	0.00	5,655	148.77	0.07
38.90	0.00	5,630	148.77	0.07
39.00	0.00	5,607	148.77	0.07
39.10	0.00	5,583	148.76	0.07
39.20	0.00	5,560	148.76	0.06
39.30	0.00	5,536	148.76	0.06
39.40	0.00	5,513	148.75	0.06
39.50	0.00	5,491	148.75	0.06
39.60	0.00	5,468	148.75	0.06
39.70	0.00	5,446	148.75	0.06
39.80	0.00	5,424	148.74	0.06
39.90	0.00	5,402	148.74	0.06
40.00	0.00	5,380	148.74	0.06

Stage-Discharge for Pond B-22: Basin #22

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.00	0.00	148.52	0.00	149.04	0.11	149.56	0.51
148.01	0.00	148.53	0.00	149.05	0.11	149.57	0.57
148.02	0.00	148.54	0.00	149.06	0.11	149.58	0.64
148.03	0.00	148.55	0.00	149.07	0.11	149.59	0.70
148.04	0.00	148.56	0.01	149.08	0.11	149.60	0.77
148.05	0.00	148.57	0.01	149.09	0.11	149.61	0.84
148.06	0.00	148.58	0.01	149.10	0.12	149.62	0.92
148.07	0.00	148.59	0.01	149.11	0.12	149.63	1.00
148.08	0.00	148.60	0.02	149.12	0.12	149.64	1.08
148.09	0.00	148.61	0.02	149.13	0.12	149.65	1.16
148.10	0.00	148.62	0.02	149.14	0.12	149.66	1.24
148.11	0.00	148.63	0.03	149.15	0.12	149.67	1.33
148.12	0.00	148.64	0.03	149.16	0.12	149.68	1.42
148.13	0.00	148.65	0.03	149.17	0.12	149.69	1.51
148.14	0.00	148.66	0.04	149.18	0.12	149.70	1.60
148.15	0.00	148.67	0.04	149.19	0.13	149.71	1.69
148.16	0.00	148.68	0.05	149.20	0.13	149.72	1.79
148.17	0.00	148.69	0.05	149.21	0.13	149.73	1.89
148.18	0.00	148.70	0.05	149.22	0.13	149.74	1.99
148.19	0.00	148.71	0.05	149.23	0.13	149.75	2.09
148.20	0.00	148.72	0.06	149.24	0.13	149.76	2.19
148.21	0.00	148.73	0.06	149.25	0.13	149.77	2.29
148.22	0.00	148.74	0.06	149.26	0.13	149.78	2.40
148.23	0.00	148.75	0.06	149.27	0.13	149.79	2.51
148.24	0.00	148.76	0.06	149.28	0.13	149.80	2.62
148.25	0.00	148.77	0.07	149.29	0.14	149.81	2.73
148.26	0.00	148.78	0.07	149.30	0.14	149.82	2.84
148.27	0.00	148.79	0.07	149.31	0.14	149.83	2.96
148.28	0.00	148.80	0.07	149.32	0.14	149.84	3.07
148.29	0.00	148.81	0.07	149.33	0.14	149.85	3.19
148.30	0.00	148.82	0.08	149.34	0.14	149.86	3.31
148.31	0.00	148.83	0.08	149.35	0.14	149.87	3.43
148.32	0.00	148.84	0.08	149.36	0.14	149.88	3.55
148.33	0.00	148.85	0.08	149.37	0.14	149.89	3.67
148.34	0.00	148.86	0.08	149.38	0.14	149.90	3.80
148.35	0.00	148.87	0.08	149.39	0.15	149.91	3.92
148.36	0.00	148.88	0.09	149.40	0.15	149.92	4.05
148.37	0.00	148.89	0.09	149.41	0.15	149.93	4.18
148.38	0.00	148.90	0.09	149.42	0.15	149.94	4.31
148.39	0.00	148.91	0.09	149.43	0.15	149.95	4.44
148.40	0.00	148.92	0.09	149.44	0.15	149.96	4.57
148.41	0.00	148.93	0.09	149.45	0.15	149.97	4.70
148.42	0.00	148.94	0.10	149.46	0.15	149.98	4.83
148.43	0.00	148.95	0.10	149.47	0.15	149.99	4.97
148.44	0.00	148.96	0.10	149.48	0.17	150.00	5.11
148.45	0.00	148.97	0.10	149.49	0.19	150.01	5.24
148.46	0.00	148.98	0.10	149.50	0.22	150.02	5.38
148.47	0.00	148.99	0.10	149.51	0.26	150.03	5.52
148.48	0.00	149.00	0.10	149.52	0.30	150.04	5.67
148.49	0.00	149.01	0.10	149.53	0.35	150.05	5.81
148.50	0.00	149.02	0.11	149.54	0.40	150.06	5.95
148.51	0.00	149.03	0.11	149.55	0.45	150.07	6.10

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
150.08	6.24	150.60	13.59	151.12	14.91	151.64	16.12
150.09	6.39	150.61	13.61	151.13	14.93	151.65	16.14
150.10	6.54	150.62	13.64	151.14	14.96	151.66	16.17
150.11	6.68	150.63	13.67	151.15	14.98	151.67	16.19
150.12	6.83	150.64	13.69	151.16	15.01	151.68	16.21
150.13	6.98	150.65	13.72	151.17	15.03	151.69	16.23
150.14	7.14	150.66	13.75	151.18	15.05	151.70	16.26
150.15	7.29	150.67	13.77	151.19	15.08	151.71	16.28
150.16	7.44	150.68	13.80	151.20	15.10	151.72	16.30
150.17	7.60	150.69	13.83	151.21	15.13	151.73	16.32
150.18	7.75	150.70	13.85	151.22	15.15	151.74	16.34
150.19	7.91	150.71	13.88	151.23	15.17	151.75	16.37
150.20	8.07	150.72	13.90	151.24	15.20	151.76	16.39
150.21	8.23	150.73	13.93	151.25	15.22	151.77	16.41
150.22	8.39	150.74	13.96	151.26	15.24	151.78	16.43
150.23	8.55	150.75	13.98	151.27	15.27	151.79	16.46
150.24	8.71	150.76	14.01	151.28	15.29	151.80	16.48
150.25	8.87	150.77	14.03	151.29	15.32	151.81	16.50
150.26	9.03	150.78	14.06	151.30	15.34	151.82	16.52
150.27	9.20	150.79	14.08	151.31	15.36	151.83	16.54
150.28	9.36	150.80	14.11	151.32	15.39	151.84	16.56
150.29	9.53	150.81	14.14	151.33	15.41	151.85	16.59
150.30	9.69	150.82	14.16	151.34	15.43	151.86	16.61
150.31	9.86	150.83	14.19	151.35	15.46	151.87	16.63
150.32	10.03	150.84	14.21	151.36	15.48	151.88	16.65
150.33	10.20	150.85	14.24	151.37	15.50	151.89	16.67
150.34	10.37	150.86	14.26	151.38	15.53	151.90	16.70
150.35	10.54	150.87	14.29	151.39	15.55	151.91	16.72
150.36	10.71	150.88	14.31	151.40	15.57	151.92	16.74
150.37	10.88	150.89	14.34	151.41	15.60	151.93	16.76
150.38	11.06	150.90	14.36	151.42	15.62	151.94	16.78
150.39	11.23	150.91	14.39	151.43	15.64	151.95	16.80
150.40	11.41	150.92	14.41	151.44	15.67	151.96	16.82
150.41	11.58	150.93	14.44	151.45	15.69	151.97	16.85
150.42	11.76	150.94	14.46	151.46	15.71	151.98	16.87
150.43	11.93	150.95	14.49	151.47	15.74	151.99	16.89
150.44	12.11	150.96	14.51	151.48	15.76	152.00	16.91
150.45	12.29	150.97	14.54	151.49	15.78	152.01	16.93
150.46	12.47	150.98	14.56	151.50	15.80	152.02	16.95
150.47	12.65	150.99	14.59	151.51	15.83	152.03	16.97
150.48	12.83	151.00	14.61	151.52	15.85	152.04	17.00
150.49	13.01	151.01	14.64	151.53	15.87	152.05	17.02
150.50	13.19	151.02	14.66	151.54	15.90	152.06	17.04
150.51	13.35	151.03	14.69	151.55	15.92	152.07	17.06
150.52	13.37	151.04	14.71	151.56	15.94	152.08	17.08
150.53	13.40	151.05	14.74	151.57	15.96	152.09	17.10
150.54	13.43	151.06	14.76	151.58	15.99	152.10	17.12
150.55	13.45	151.07	14.79	151.59	16.01	152.11	17.14
150.56	13.48	151.08	14.81	151.60	16.03	152.12	17.17
150.57	13.51	151.09	14.84	151.61	16.05	152.13	17.19
150.58	13.53	151.10	14.86	151.62	16.08	152.14	17.21
150.59	13.56	151.11	14.88	151.63	16.10	152.15	17.23

Stage-Discharge for Pond B-22: Basin #22 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
152.16	17.25	152.68	18.31
152.17	17.27	152.69	18.33
152.18	17.29	152.70	18.35
152.19	17.31	152.71	18.37
152.20	17.33	152.72	18.39
152.21	17.35	152.73	18.41
152.22	17.38	152.74	18.43
152.23	17.40	152.75	18.45
152.24	17.42	152.76	18.47
152.25	17.44	152.77	18.49
152.26	17.46	152.78	18.51
152.27	17.48	152.79	18.52
152.28	17.50	152.80	18.54
152.29	17.52	152.81	18.56
152.30	17.54	152.82	18.58
152.31	17.56	152.83	18.60
152.32	17.58	152.84	18.62
152.33	17.60	152.85	18.64
152.34	17.62	152.86	18.66
152.35	17.64	152.87	18.68
152.36	17.66	152.88	18.70
152.37	17.69	152.89	18.72
152.38	17.71	152.90	18.74
152.39	17.73	152.91	18.76
152.40	17.75	152.92	18.78
152.41	17.77	152.93	18.80
152.42	17.79	152.94	18.82
152.43	17.81	152.95	18.83
152.44	17.83	152.96	18.97
152.45	17.85	152.97	19.20
152.46	17.87	152.98	19.50
152.47	17.89	152.99	19.85
152.48	17.91	153.00	20.24
152.49	17.93		
152.50	17.95		
152.51	17.97		
152.52	17.99		
152.53	18.01		
152.54	18.03		
152.55	18.05		
152.56	18.07		
152.57	18.09		
152.58	18.11		
152.59	18.13		
152.60	18.15		
152.61	18.17		
152.62	18.19		
152.63	18.21		
152.64	18.23		
152.65	18.25		
152.66	18.27		
152.67	18.29		

Stage-Area-Storage for Pond B-22: Basin #22

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.00	6,928	0	148.52	7,453	3,739
148.01	6,938	69	148.53	7,463	3,814
148.02	6,948	139	148.54	7,473	3,888
148.03	6,958	208	148.55	7,483	3,963
148.04	6,968	278	148.56	7,493	4,038
148.05	6,978	348	148.57	7,503	4,113
148.06	6,989	417	148.58	7,513	4,188
148.07	6,999	487	148.59	7,523	4,263
148.08	7,009	557	148.60	7,533	4,338
148.09	7,019	628	148.61	7,543	4,414
148.10	7,029	698	148.62	7,554	4,489
148.11	7,039	768	148.63	7,564	4,565
148.12	7,049	839	148.64	7,574	4,641
148.13	7,059	909	148.65	7,584	4,716
148.14	7,069	980	148.66	7,594	4,792
148.15	7,079	1,051	148.67	7,604	4,868
148.16	7,089	1,121	148.68	7,614	4,944
148.17	7,100	1,192	148.69	7,624	5,021
148.18	7,110	1,263	148.70	7,634	5,097
148.19	7,120	1,335	148.71	7,644	5,173
148.20	7,130	1,406	148.72	7,654	5,250
148.21	7,140	1,477	148.73	7,665	5,326
148.22	7,150	1,549	148.74	7,675	5,403
148.23	7,160	1,620	148.75	7,685	5,480
148.24	7,170	1,692	148.76	7,695	5,557
148.25	7,180	1,764	148.77	7,705	5,634
148.26	7,190	1,835	148.78	7,715	5,711
148.27	7,200	1,907	148.79	7,725	5,788
148.28	7,211	1,979	148.80	7,735	5,865
148.29	7,221	2,052	148.81	7,745	5,943
148.30	7,231	2,124	148.82	7,755	6,020
148.31	7,241	2,196	148.83	7,765	6,098
148.32	7,251	2,269	148.84	7,776	6,175
148.33	7,261	2,341	148.85	7,786	6,253
148.34	7,271	2,414	148.86	7,796	6,331
148.35	7,281	2,487	148.87	7,806	6,409
148.36	7,291	2,559	148.88	7,816	6,487
148.37	7,301	2,632	148.89	7,826	6,566
148.38	7,311	2,705	148.90	7,836	6,644
148.39	7,322	2,779	148.91	7,846	6,722
148.40	7,332	2,852	148.92	7,856	6,801
148.41	7,342	2,925	148.93	7,866	6,879
148.42	7,352	2,999	148.94	7,876	6,958
148.43	7,362	3,072	148.95	7,887	7,037
148.44	7,372	3,146	148.96	7,897	7,116
148.45	7,382	3,220	148.97	7,907	7,195
148.46	7,392	3,294	148.98	7,917	7,274
148.47	7,402	3,368	148.99	7,927	7,353
148.48	7,412	3,442	149.00	7,937	7,433
148.49	7,422	3,516	149.01	7,948	7,512
148.50	7,433	3,590	149.02	7,958	7,591
148.51	7,443	3,665	149.03	7,969	7,671

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
149.04	7,980	7,751	149.56	8,534	12,044
149.05	7,990	7,831	149.57	8,545	12,130
149.06	8,001	7,911	149.58	8,555	12,215
149.07	8,012	7,991	149.59	8,566	12,301
149.08	8,022	8,071	149.60	8,577	12,387
149.09	8,033	8,151	149.61	8,587	12,472
149.10	8,044	8,232	149.62	8,598	12,558
149.11	8,054	8,312	149.63	8,609	12,644
149.12	8,065	8,393	149.64	8,619	12,730
149.13	8,076	8,473	149.65	8,630	12,817
149.14	8,086	8,554	149.66	8,641	12,903
149.15	8,097	8,635	149.67	8,651	12,990
149.16	8,108	8,716	149.68	8,662	13,076
149.17	8,118	8,797	149.69	8,673	13,163
149.18	8,129	8,878	149.70	8,683	13,250
149.19	8,140	8,960	149.71	8,694	13,336
149.20	8,150	9,041	149.72	8,705	13,423
149.21	8,161	9,123	149.73	8,715	13,511
149.22	8,172	9,204	149.74	8,726	13,598
149.23	8,182	9,286	149.75	8,737	13,685
149.24	8,193	9,368	149.76	8,747	13,772
149.25	8,204	9,450	149.77	8,758	13,860
149.26	8,214	9,532	149.78	8,768	13,948
149.27	8,225	9,614	149.79	8,779	14,035
149.28	8,235	9,697	149.80	8,790	14,123
149.29	8,246	9,779	149.81	8,800	14,211
149.30	8,257	9,862	149.82	8,811	14,299
149.31	8,267	9,944	149.83	8,822	14,387
149.32	8,278	10,027	149.84	8,832	14,476
149.33	8,289	10,110	149.85	8,843	14,564
149.34	8,299	10,193	149.86	8,854	14,653
149.35	8,310	10,276	149.87	8,864	14,741
149.36	8,321	10,359	149.88	8,875	14,830
149.37	8,331	10,442	149.89	8,886	14,919
149.38	8,342	10,526	149.90	8,896	15,008
149.39	8,353	10,609	149.91	8,907	15,097
149.40	8,363	10,693	149.92	8,918	15,186
149.41	8,374	10,776	149.93	8,928	15,275
149.42	8,385	10,860	149.94	8,939	15,364
149.43	8,395	10,944	149.95	8,950	15,454
149.44	8,406	11,028	149.96	8,960	15,543
149.45	8,417	11,112	149.97	8,971	15,633
149.46	8,427	11,196	149.98	8,982	15,723
149.47	8,438	11,281	149.99	8,992	15,813
149.48	8,449	11,365	150.00	9,003	15,903
149.49	8,459	11,450	150.01	9,014	15,993
149.50	8,470	11,534	150.02	9,025	16,083
149.51	8,481	11,619	150.03	9,037	16,173
149.52	8,491	11,704	150.04	9,048	16,264
149.53	8,502	11,789	150.05	9,059	16,354
149.54	8,513	11,874	150.06	9,070	16,445
149.55	8,523	11,959	150.07	9,082	16,535

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
150.08	9,093	16,626	150.60	9,676	21,506
150.09	9,104	16,717	150.61	9,687	21,603
150.10	9,115	16,808	150.62	9,699	21,700
150.11	9,126	16,900	150.63	9,710	21,797
150.12	9,138	16,991	150.64	9,721	21,894
150.13	9,149	17,082	150.65	9,732	21,991
150.14	9,160	17,174	150.66	9,744	22,089
150.15	9,171	17,266	150.67	9,755	22,186
150.16	9,183	17,357	150.68	9,766	22,284
150.17	9,194	17,449	150.69	9,777	22,382
150.18	9,205	17,541	150.70	9,788	22,479
150.19	9,216	17,633	150.71	9,800	22,577
150.20	9,227	17,726	150.72	9,811	22,675
150.21	9,239	17,818	150.73	9,822	22,774
150.22	9,250	17,910	150.74	9,833	22,872
150.23	9,261	18,003	150.75	9,845	22,970
150.24	9,272	18,096	150.76	9,856	23,069
150.25	9,284	18,188	150.77	9,867	23,167
150.26	9,295	18,281	150.78	9,878	23,266
150.27	9,306	18,374	150.79	9,889	23,365
150.28	9,317	18,467	150.80	9,901	23,464
150.29	9,328	18,561	150.81	9,912	23,563
150.30	9,340	18,654	150.82	9,923	23,662
150.31	9,351	18,747	150.83	9,934	23,761
150.32	9,362	18,841	150.84	9,945	23,861
150.33	9,373	18,935	150.85	9,957	23,960
150.34	9,384	19,028	150.86	9,968	24,060
150.35	9,396	19,122	150.87	9,979	24,160
150.36	9,407	19,216	150.88	9,990	24,260
150.37	9,418	19,310	150.89	10,002	24,360
150.38	9,429	19,405	150.90	10,013	24,460
150.39	9,441	19,499	150.91	10,024	24,560
150.40	9,452	19,593	150.92	10,035	24,660
150.41	9,463	19,688	150.93	10,046	24,760
150.42	9,474	19,783	150.94	10,058	24,861
150.43	9,485	19,878	150.95	10,069	24,962
150.44	9,497	19,972	150.96	10,080	25,062
150.45	9,508	20,067	150.97	10,091	25,163
150.46	9,519	20,163	150.98	10,103	25,264
150.47	9,530	20,258	150.99	10,114	25,365
150.48	9,542	20,353	151.00	10,125	25,467
150.49	9,553	20,449	151.01	10,137	25,568
150.50	9,564	20,544	151.02	10,149	25,669
150.51	9,575	20,640	151.03	10,160	25,771
150.52	9,586	20,736	151.04	10,172	25,872
150.53	9,598	20,832	151.05	10,184	25,974
150.54	9,609	20,928	151.06	10,196	26,076
150.55	9,620	21,024	151.07	10,208	26,178
150.56	9,631	21,120	151.08	10,219	26,280
150.57	9,643	21,216	151.09	10,231	26,383
150.58	9,654	21,313	151.10	10,243	26,485
150.59	9,665	21,410	151.11	10,255	26,587

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
151.12	10,266	26,690	151.64	10,880	32,188
151.13	10,278	26,793	151.65	10,891	32,297
151.14	10,290	26,896	151.66	10,903	32,406
151.15	10,302	26,999	151.67	10,915	32,515
151.16	10,314	27,102	151.68	10,927	32,624
151.17	10,325	27,205	151.69	10,939	32,733
151.18	10,337	27,308	151.70	10,950	32,843
151.19	10,349	27,412	151.71	10,962	32,952
151.20	10,361	27,515	151.72	10,974	33,062
151.21	10,373	27,619	151.73	10,986	33,172
151.22	10,384	27,723	151.74	10,997	33,282
151.23	10,396	27,826	151.75	11,009	33,392
151.24	10,408	27,930	151.76	11,021	33,502
151.25	10,420	28,035	151.77	11,033	33,612
151.26	10,432	28,139	151.78	11,045	33,723
151.27	10,443	28,243	151.79	11,056	33,833
151.28	10,455	28,348	151.80	11,068	33,944
151.29	10,467	28,452	151.81	11,080	34,055
151.30	10,479	28,557	151.82	11,092	34,165
151.31	10,490	28,662	151.83	11,104	34,276
151.32	10,502	28,767	151.84	11,115	34,387
151.33	10,514	28,872	151.85	11,127	34,499
151.34	10,526	28,977	151.86	11,139	34,610
151.35	10,538	29,082	151.87	11,151	34,721
151.36	10,549	29,188	151.88	11,163	34,833
151.37	10,561	29,293	151.89	11,174	34,945
151.38	10,573	29,399	151.90	11,186	35,056
151.39	10,585	29,505	151.91	11,198	35,168
151.40	10,597	29,611	151.92	11,210	35,280
151.41	10,608	29,717	151.93	11,221	35,393
151.42	10,620	29,823	151.94	11,233	35,505
151.43	10,632	29,929	151.95	11,245	35,617
151.44	10,644	30,036	151.96	11,257	35,730
151.45	10,656	30,142	151.97	11,269	35,842
151.46	10,667	30,249	151.98	11,280	35,955
151.47	10,679	30,355	151.99	11,292	36,068
151.48	10,691	30,462	152.00	11,304	36,181
151.49	10,703	30,569	152.01	11,316	36,294
151.50	10,715	30,676	152.02	11,329	36,407
151.51	10,726	30,784	152.03	11,341	36,521
151.52	10,738	30,891	152.04	11,353	36,634
151.53	10,750	30,998	152.05	11,366	36,748
151.54	10,762	31,106	152.06	11,378	36,861
151.55	10,773	31,214	152.07	11,391	36,975
151.56	10,785	31,321	152.08	11,403	37,089
151.57	10,797	31,429	152.09	11,415	37,203
151.58	10,809	31,537	152.10	11,428	37,318
151.59	10,821	31,645	152.11	11,440	37,432
151.60	10,832	31,754	152.12	11,452	37,546
151.61	10,844	31,862	152.13	11,465	37,661
151.62	10,856	31,971	152.14	11,477	37,776
151.63	10,868	32,079	152.15	11,489	37,891

Stage-Area-Storage for Pond B-22: Basin #22 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
152.16	11,502	38,005	152.68	12,144	44,153
152.17	11,514	38,121	152.69	12,157	44,275
152.18	11,526	38,236	152.70	12,169	44,397
152.19	11,539	38,351	152.71	12,182	44,518
152.20	11,551	38,467	152.72	12,194	44,640
152.21	11,564	38,582	152.73	12,206	44,762
152.22	11,576	38,698	152.74	12,219	44,884
152.23	11,588	38,814	152.75	12,231	45,007
152.24	11,601	38,930	152.76	12,243	45,129
152.25	11,613	39,046	152.77	12,256	45,251
152.26	11,625	39,162	152.78	12,268	45,374
152.27	11,638	39,278	152.79	12,280	45,497
152.28	11,650	39,395	152.80	12,293	45,620
152.29	11,662	39,511	152.81	12,305	45,743
152.30	11,675	39,628	152.82	12,318	45,866
152.31	11,687	39,745	152.83	12,330	45,989
152.32	11,700	39,862	152.84	12,342	46,112
152.33	11,712	39,979	152.85	12,355	46,236
152.34	11,724	40,096	152.86	12,367	46,360
152.35	11,737	40,213	152.87	12,379	46,483
152.36	11,749	40,331	152.88	12,392	46,607
152.37	11,761	40,448	152.89	12,404	46,731
152.38	11,774	40,566	152.90	12,416	46,855
152.39	11,786	40,684	152.91	12,429	46,979
152.40	11,798	40,801	152.92	12,441	47,104
152.41	11,811	40,920	152.93	12,453	47,228
152.42	11,823	41,038	152.94	12,466	47,353
152.43	11,835	41,156	152.95	12,478	47,478
152.44	11,848	41,274	152.96	12,491	47,602
152.45	11,860	41,393	152.97	12,503	47,727
152.46	11,873	41,512	152.98	12,515	47,852
152.47	11,885	41,630	152.99	12,528	47,978
152.48	11,897	41,749	153.00	12,540	48,103
152.49	11,910	41,868			
152.50	11,922	41,988			
152.51	11,934	42,107			
152.52	11,947	42,226			
152.53	11,959	42,346			
152.54	11,971	42,465			
152.55	11,984	42,585			
152.56	11,996	42,705			
152.57	12,009	42,825			
152.58	12,021	42,945			
152.59	12,033	43,065			
152.60	12,046	43,186			
152.61	12,058	43,306			
152.62	12,070	43,427			
152.63	12,083	43,548			
152.64	12,095	43,669			
152.65	12,107	43,790			
152.66	12,120	43,911			
152.67	12,132	44,032			

Summary for Pond B-23: Basin #23

Inflow Area = 2.449 ac, 33.56% Impervious, Inflow Depth = 8.75" for Future 100 yr event
 Inflow = 21.88 cfs @ 12.17 hrs, Volume= 1.786 af
 Outflow = 14.14 cfs @ 12.29 hrs, Volume= 1.697 af, Atten= 35%, Lag= 6.9 min
 Primary = 14.14 cfs @ 12.29 hrs, Volume= 1.697 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.81' @ 12.29 hrs Surf.Area= 8,513 sf Storage= 19,612 cf

Plug-Flow detention time= 140.0 min calculated for 1.697 af (95% of inflow)
 Center-of-Mass det. time= 111.0 min (892.8 - 781.8)

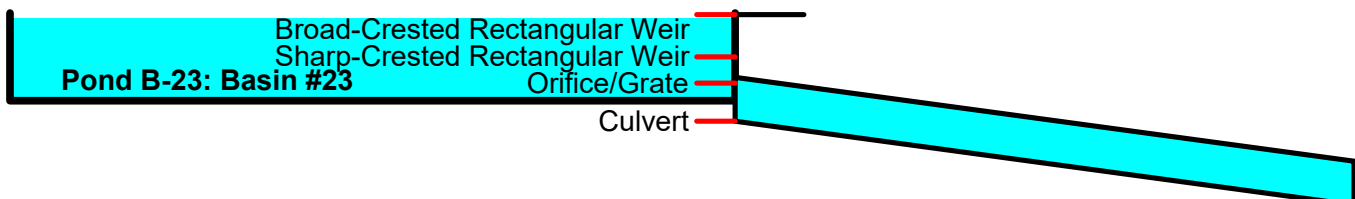
Volume	Invert	Avail.Storage	Storage Description
#1	145.00'	21,246 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
145.00	5,512	0	0
146.00	6,527	6,020	6,020
147.00	7,599	7,063	13,083
148.00	8,727	8,163	21,246

Device	Routing	Invert	Outlet Devices
#1	Primary	144.30'	18.0" Round Culvert L= 45.0' Ke= 0.500 Inlet / Outlet Invert= 144.30' / 141.44' S= 0.0636 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	145.61'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

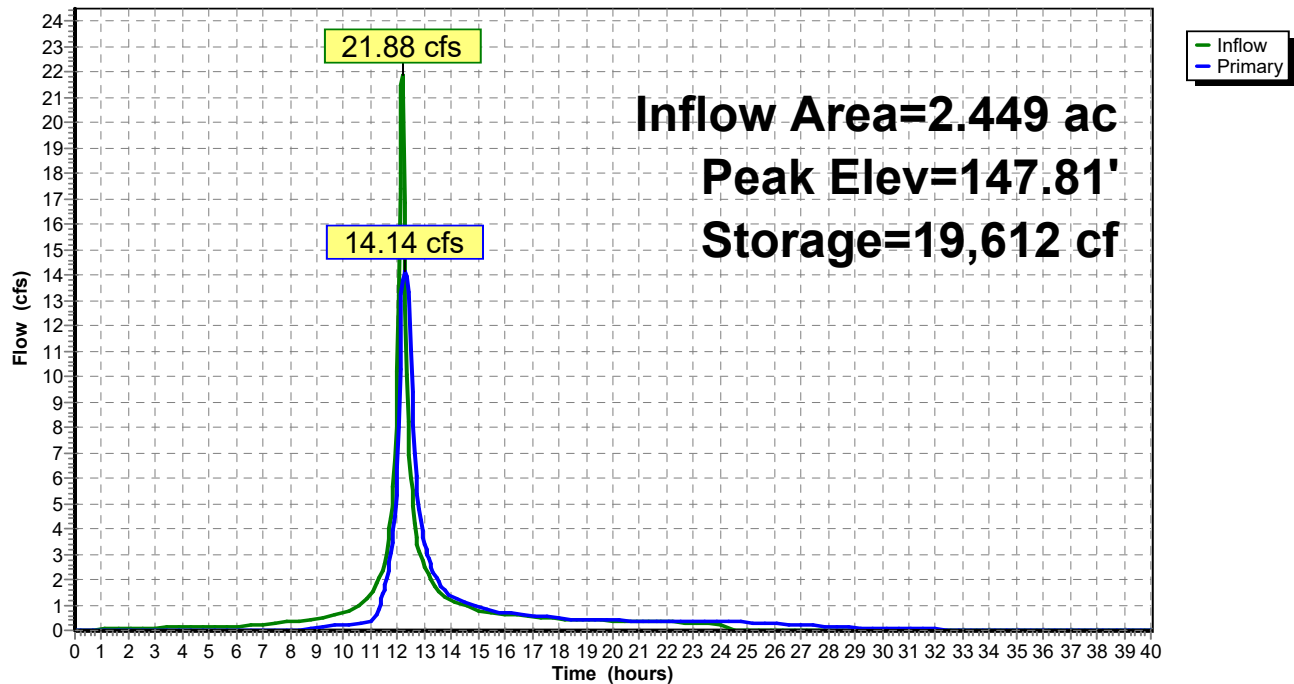
Primary OutFlow Max=14.12 cfs @ 12.29 hrs HW=147.80' (Free Discharge)

1=Culvert (Inlet Controls 14.12 cfs @ 7.99 fps)
 2=Orifice/Grate (Passes < 0.60 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 18.19 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-23: Basin #23

Hydrograph



Hydrograph for Pond B-23: Basin #23

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	145.00	0.00
0.10	0.00	0	145.00	0.00
0.20	0.00	0	145.00	0.00
0.30	0.00	0	145.00	0.00
0.40	0.00	0	145.00	0.00
0.50	0.00	1	145.00	0.00
0.60	0.01	3	145.00	0.00
0.70	0.02	9	145.00	0.00
0.80	0.03	18	145.00	0.00
0.90	0.03	29	145.01	0.00
1.00	0.04	43	145.01	0.00
1.10	0.05	58	145.01	0.00
1.20	0.05	76	145.01	0.00
1.30	0.06	95	145.02	0.00
1.40	0.06	116	145.02	0.00
1.50	0.06	139	145.03	0.00
1.60	0.07	163	145.03	0.00
1.70	0.07	188	145.03	0.00
1.80	0.07	214	145.04	0.00
1.90	0.08	241	145.04	0.00
2.00	0.08	270	145.05	0.00
2.10	0.08	299	145.05	0.00
2.20	0.09	329	145.06	0.00
2.30	0.09	360	145.06	0.00
2.40	0.09	392	145.07	0.00
2.50	0.09	425	145.08	0.00
2.60	0.09	458	145.08	0.00
2.70	0.10	493	145.09	0.00
2.80	0.10	527	145.09	0.00
2.90	0.10	563	145.10	0.00
3.00	0.10	599	145.11	0.00
3.10	0.10	636	145.11	0.00
3.20	0.10	674	145.12	0.00
3.30	0.11	712	145.13	0.00
3.40	0.11	750	145.13	0.00
3.50	0.11	789	145.14	0.00
3.60	0.11	829	145.15	0.00
3.70	0.11	869	145.16	0.00
3.80	0.11	910	145.16	0.00
3.90	0.12	951	145.17	0.00
4.00	0.12	993	145.18	0.00
4.10	0.12	1,035	145.18	0.00
4.20	0.12	1,078	145.19	0.00
4.30	0.12	1,121	145.20	0.00
4.40	0.12	1,165	145.21	0.00
4.50	0.12	1,209	145.22	0.00
4.60	0.12	1,253	145.22	0.00
4.70	0.13	1,298	145.23	0.00
4.80	0.13	1,344	145.24	0.00
4.90	0.13	1,390	145.25	0.00
5.00	0.13	1,436	145.25	0.00
5.10	0.13	1,482	145.26	0.00

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,530	145.27	0.00
5.30	0.14	1,578	145.28	0.00
5.40	0.14	1,628	145.29	0.00
5.50	0.14	1,679	145.30	0.00
5.60	0.15	1,732	145.31	0.00
5.70	0.15	1,786	145.31	0.00
5.80	0.16	1,841	145.32	0.00
5.90	0.16	1,897	145.33	0.00
6.00	0.16	1,955	145.34	0.00
6.10	0.17	2,015	145.35	0.00
6.20	0.17	2,076	145.36	0.00
6.30	0.18	2,140	145.38	0.00
6.40	0.19	2,206	145.39	0.00
6.50	0.20	2,275	145.40	0.00
6.60	0.20	2,347	145.41	0.00
6.70	0.21	2,422	145.42	0.00
6.80	0.22	2,499	145.44	0.00
6.90	0.23	2,579	145.45	0.00
7.00	0.23	2,662	145.46	0.00
7.10	0.24	2,748	145.48	0.00
7.20	0.25	2,837	145.49	0.00
7.30	0.26	2,930	145.51	0.00
7.40	0.27	3,025	145.52	0.00
7.50	0.28	3,123	145.54	0.00
7.60	0.29	3,225	145.56	0.00
7.70	0.30	3,330	145.57	0.00
7.80	0.31	3,438	145.59	0.00
7.90	0.31	3,550	145.61	0.00
8.00	0.32	3,665	145.63	0.00
8.10	0.33	3,783	145.65	0.00
8.20	0.34	3,903	145.67	0.01
8.30	0.35	4,024	145.69	0.01
8.40	0.36	4,147	145.71	0.02
8.50	0.37	4,270	145.73	0.03
8.60	0.38	4,393	145.75	0.04
8.70	0.40	4,516	145.77	0.05
8.80	0.41	4,639	145.78	0.07
8.90	0.42	4,761	145.80	0.08
9.00	0.43	4,881	145.82	0.09
9.10	0.44	5,002	145.84	0.11
9.20	0.47	5,124	145.86	0.12
9.30	0.49	5,251	145.88	0.13
9.40	0.52	5,384	145.90	0.15
9.50	0.55	5,522	145.92	0.16
9.60	0.59	5,667	145.95	0.17
9.70	0.62	5,819	145.97	0.18
9.80	0.65	5,979	145.99	0.20
9.90	0.68	6,146	146.02	0.21
10.00	0.72	6,321	146.05	0.22
10.10	0.75	6,505	146.07	0.23
10.20	0.79	6,697	146.10	0.24
10.30	0.82	6,898	146.13	0.25

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.86	7,108	146.16	0.26
10.50	0.89	7,327	146.20	0.27
10.60	0.95	7,557	146.23	0.28
10.70	1.05	7,813	146.27	0.29
10.80	1.17	8,104	146.31	0.31
10.90	1.29	8,433	146.36	0.32
11.00	1.42	8,802	146.41	0.34
11.10	1.57	9,215	146.47	0.35
11.20	1.78	9,679	146.54	0.46
11.30	2.02	10,138	146.60	0.80
11.40	2.27	10,547	146.66	1.21
11.50	2.51	10,898	146.71	1.62
11.60	3.05	11,223	146.75	2.04
11.70	4.04	11,666	146.81	2.66
11.80	4.92	12,169	146.88	3.43
11.90	6.69	12,816	146.96	4.51
12.00	10.21	13,851	147.10	6.39
12.10	17.41	15,777	147.35	10.27
12.20	21.11	18,555	147.69	13.81
12.30	12.78	19,586	147.81	14.13
12.40	8.21	18,266	147.65	13.72
12.50	6.03	16,152	147.39	11.07
12.60	4.88	14,713	147.21	8.07
12.70	3.68	13,702	147.08	6.11
12.80	3.17	12,980	146.99	4.79
12.90	2.86	12,496	146.92	3.96
13.00	2.57	12,151	146.88	3.40
13.10	2.30	11,881	146.84	2.99
13.20	2.06	11,654	146.81	2.64
13.30	1.89	11,463	146.78	2.37
13.40	1.74	11,304	146.76	2.15
13.50	1.59	11,164	146.74	1.96
13.60	1.45	11,035	146.73	1.79
13.70	1.33	10,915	146.71	1.64
13.80	1.26	10,813	146.69	1.52
13.90	1.22	10,731	146.68	1.42
14.00	1.18	10,667	146.67	1.35
14.10	1.14	10,612	146.67	1.28
14.20	1.11	10,564	146.66	1.23
14.30	1.07	10,521	146.65	1.18
14.40	1.03	10,481	146.65	1.14
14.50	0.99	10,442	146.64	1.10
14.60	0.95	10,404	146.64	1.06
14.70	0.92	10,366	146.63	1.02
14.80	0.88	10,328	146.63	0.98
14.90	0.84	10,290	146.62	0.94
15.00	0.80	10,252	146.62	0.91
15.10	0.76	10,213	146.61	0.87
15.20	0.73	10,174	146.61	0.84
15.30	0.71	10,138	146.60	0.80
15.40	0.70	10,109	146.60	0.78
15.50	0.69	10,084	146.59	0.76

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.68	10,063	146.59	0.74
15.70	0.67	10,045	146.59	0.72
15.80	0.66	10,028	146.59	0.71
15.90	0.65	10,012	146.58	0.70
16.00	0.64	9,997	146.58	0.68
16.10	0.63	9,982	146.58	0.67
16.20	0.62	9,968	146.58	0.66
16.30	0.61	9,954	146.58	0.65
16.40	0.60	9,940	146.57	0.64
16.50	0.59	9,927	146.57	0.63
16.60	0.58	9,913	146.57	0.62
16.70	0.57	9,900	146.57	0.61
16.80	0.56	9,887	146.57	0.60
16.90	0.55	9,873	146.56	0.59
17.00	0.54	9,860	146.56	0.58
17.10	0.53	9,847	146.56	0.57
17.20	0.52	9,834	146.56	0.56
17.30	0.51	9,820	146.56	0.55
17.40	0.50	9,805	146.55	0.54
17.50	0.49	9,790	146.55	0.53
17.60	0.48	9,775	146.55	0.52
17.70	0.47	9,760	146.55	0.51
17.80	0.46	9,744	146.55	0.50
17.90	0.45	9,728	146.54	0.49
18.00	0.44	9,712	146.54	0.48
18.10	0.43	9,696	146.54	0.47
18.20	0.42	9,680	146.54	0.46
18.30	0.42	9,665	146.54	0.45
18.40	0.41	9,652	146.53	0.45
18.50	0.41	9,641	146.53	0.44
18.60	0.41	9,631	146.53	0.43
18.70	0.40	9,622	146.53	0.43
18.80	0.40	9,613	146.53	0.43
18.90	0.40	9,604	146.53	0.42
19.00	0.40	9,596	146.53	0.42
19.10	0.39	9,587	146.52	0.42
19.20	0.39	9,579	146.52	0.41
19.30	0.39	9,571	146.52	0.41
19.40	0.39	9,563	146.52	0.41
19.50	0.38	9,555	146.52	0.41
19.60	0.38	9,547	146.52	0.40
19.70	0.38	9,540	146.52	0.40
19.80	0.38	9,532	146.52	0.40
19.90	0.38	9,525	146.52	0.40
20.00	0.37	9,518	146.51	0.39
20.10	0.37	9,510	146.51	0.39
20.20	0.37	9,503	146.51	0.39
20.30	0.36	9,495	146.51	0.38
20.40	0.36	9,488	146.51	0.38
20.50	0.36	9,480	146.51	0.38
20.60	0.36	9,473	146.51	0.38
20.70	0.36	9,466	146.51	0.37

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	9,459	146.51	0.37
20.90	0.35	9,451	146.50	0.37
21.00	0.35	9,444	146.50	0.37
21.10	0.34	9,436	146.50	0.36
21.20	0.34	9,429	146.50	0.36
21.30	0.34	9,422	146.50	0.36
21.40	0.34	9,415	146.50	0.36
21.50	0.33	9,407	146.50	0.36
21.60	0.33	9,398	146.50	0.36
21.70	0.33	9,388	146.50	0.36
21.80	0.33	9,378	146.49	0.36
21.90	0.32	9,367	146.49	0.36
22.00	0.32	9,355	146.49	0.36
22.10	0.32	9,342	146.49	0.35
22.20	0.32	9,329	146.49	0.35
22.30	0.31	9,315	146.49	0.35
22.40	0.31	9,300	146.48	0.35
22.50	0.31	9,284	146.48	0.35
22.60	0.31	9,268	146.48	0.35
22.70	0.30	9,251	146.48	0.35
22.80	0.30	9,233	146.47	0.35
22.90	0.30	9,215	146.47	0.35
23.00	0.30	9,195	146.47	0.35
23.10	0.29	9,176	146.47	0.35
23.20	0.29	9,155	146.46	0.35
23.30	0.29	9,134	146.46	0.35
23.40	0.28	9,112	146.46	0.35
23.50	0.28	9,090	146.45	0.35
23.60	0.28	9,067	146.45	0.34
23.70	0.28	9,043	146.45	0.34
23.80	0.28	9,019	146.44	0.34
23.90	0.27	8,994	146.44	0.34
24.00	0.28	8,970	146.44	0.34
24.10	0.24	8,948	146.43	0.34
24.20	0.07	8,880	146.42	0.34
24.30	0.02	8,772	146.41	0.33
24.40	0.00	8,656	146.39	0.33
24.50	0.00	8,539	146.37	0.32
24.60	0.00	8,423	146.36	0.32
24.70	0.00	8,308	146.34	0.32
24.80	0.00	8,195	146.32	0.31
24.90	0.00	8,084	146.31	0.31
25.00	0.00	7,975	146.29	0.30
25.10	0.00	7,867	146.28	0.30
25.20	0.00	7,761	146.26	0.29
25.30	0.00	7,656	146.25	0.29
25.40	0.00	7,554	146.23	0.28
25.50	0.00	7,453	146.22	0.28
25.60	0.00	7,353	146.20	0.27
25.70	0.00	7,256	146.19	0.27
25.80	0.00	7,160	146.17	0.26
25.90	0.00	7,065	146.16	0.26

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,973	146.14	0.25
26.10	0.00	6,882	146.13	0.25
26.20	0.00	6,793	146.12	0.25
26.30	0.00	6,705	146.10	0.24
26.40	0.00	6,620	146.09	0.24
26.50	0.00	6,536	146.08	0.23
26.60	0.00	6,453	146.07	0.23
26.70	0.00	6,373	146.05	0.22
26.80	0.00	6,294	146.04	0.22
26.90	0.00	6,217	146.03	0.21
27.00	0.00	6,142	146.02	0.21
27.10	0.00	6,068	146.01	0.20
27.20	0.00	5,997	146.00	0.20
27.30	0.00	5,927	145.99	0.19
27.40	0.00	5,858	145.98	0.19
27.50	0.00	5,792	145.97	0.18
27.60	0.00	5,727	145.96	0.18
27.70	0.00	5,664	145.95	0.17
27.80	0.00	5,602	145.94	0.17
27.90	0.00	5,543	145.93	0.16
28.00	0.00	5,485	145.92	0.16
28.10	0.00	5,429	145.91	0.15
28.20	0.00	5,374	145.90	0.15
28.30	0.00	5,322	145.89	0.14
28.40	0.00	5,272	145.88	0.14
28.50	0.00	5,224	145.88	0.13
28.60	0.00	5,177	145.87	0.13
28.70	0.00	5,133	145.86	0.12
28.80	0.00	5,090	145.86	0.12
28.90	0.00	5,049	145.85	0.11
29.00	0.00	5,009	145.84	0.11
29.10	0.00	4,971	145.84	0.10
29.20	0.00	4,935	145.83	0.10
29.30	0.00	4,900	145.83	0.09
29.40	0.00	4,867	145.82	0.09
29.50	0.00	4,835	145.82	0.09
29.60	0.00	4,804	145.81	0.08
29.70	0.00	4,774	145.81	0.08
29.80	0.00	4,746	145.80	0.08
29.90	0.00	4,718	145.80	0.07
30.00	0.00	4,692	145.79	0.07
30.10	0.00	4,666	145.79	0.07
30.20	0.00	4,642	145.79	0.07
30.30	0.00	4,619	145.78	0.06
30.40	0.00	4,596	145.78	0.06
30.50	0.00	4,574	145.77	0.06
30.60	0.00	4,553	145.77	0.06
30.70	0.00	4,533	145.77	0.06
30.80	0.00	4,513	145.76	0.05
30.90	0.00	4,494	145.76	0.05
31.00	0.00	4,476	145.76	0.05
31.10	0.00	4,458	145.76	0.05

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,441	145.75	0.05
31.30	0.00	4,425	145.75	0.04
31.40	0.00	4,409	145.75	0.04
31.50	0.00	4,394	145.75	0.04
31.60	0.00	4,379	145.74	0.04
31.70	0.00	4,364	145.74	0.04
31.80	0.00	4,350	145.74	0.04
31.90	0.00	4,337	145.74	0.04
32.00	0.00	4,323	145.73	0.04
32.10	0.00	4,311	145.73	0.04
32.20	0.00	4,298	145.73	0.03
32.30	0.00	4,286	145.73	0.03
32.40	0.00	4,274	145.73	0.03
32.50	0.00	4,263	145.73	0.03
32.60	0.00	4,252	145.72	0.03
32.70	0.00	4,241	145.72	0.03
32.80	0.00	4,231	145.72	0.03
32.90	0.00	4,221	145.72	0.03
33.00	0.00	4,211	145.72	0.03
33.10	0.00	4,202	145.72	0.03
33.20	0.00	4,192	145.71	0.03
33.30	0.00	4,183	145.71	0.03
33.40	0.00	4,174	145.71	0.02
33.50	0.00	4,166	145.71	0.02
33.60	0.00	4,157	145.71	0.02
33.70	0.00	4,149	145.71	0.02
33.80	0.00	4,141	145.71	0.02
33.90	0.00	4,133	145.70	0.02
34.00	0.00	4,125	145.70	0.02
34.10	0.00	4,118	145.70	0.02
34.20	0.00	4,110	145.70	0.02
34.30	0.00	4,103	145.70	0.02
34.40	0.00	4,096	145.70	0.02
34.50	0.00	4,090	145.70	0.02
34.60	0.00	4,083	145.70	0.02
34.70	0.00	4,077	145.70	0.02
34.80	0.00	4,070	145.69	0.02
34.90	0.00	4,064	145.69	0.02
35.00	0.00	4,058	145.69	0.02
35.10	0.00	4,052	145.69	0.02
35.20	0.00	4,047	145.69	0.02
35.30	0.00	4,041	145.69	0.02
35.40	0.00	4,036	145.69	0.02
35.50	0.00	4,030	145.69	0.01
35.60	0.00	4,025	145.69	0.01
35.70	0.00	4,020	145.69	0.01
35.80	0.00	4,015	145.69	0.01
35.90	0.00	4,010	145.68	0.01
36.00	0.00	4,005	145.68	0.01
36.10	0.00	4,000	145.68	0.01
36.20	0.00	3,995	145.68	0.01
36.30	0.00	3,991	145.68	0.01

Hydrograph for Pond B-23: Basin #23 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,986	145.68	0.01
36.50	0.00	3,982	145.68	0.01
36.60	0.00	3,977	145.68	0.01
36.70	0.00	3,973	145.68	0.01
36.80	0.00	3,969	145.68	0.01
36.90	0.00	3,964	145.68	0.01
37.00	0.00	3,960	145.68	0.01
37.10	0.00	3,956	145.68	0.01
37.20	0.00	3,952	145.68	0.01
37.30	0.00	3,948	145.67	0.01
37.40	0.00	3,945	145.67	0.01
37.50	0.00	3,941	145.67	0.01
37.60	0.00	3,937	145.67	0.01
37.70	0.00	3,933	145.67	0.01
37.80	0.00	3,930	145.67	0.01
37.90	0.00	3,926	145.67	0.01
38.00	0.00	3,923	145.67	0.01
38.10	0.00	3,920	145.67	0.01
38.20	0.00	3,916	145.67	0.01
38.30	0.00	3,913	145.67	0.01
38.40	0.00	3,910	145.67	0.01
38.50	0.00	3,907	145.67	0.01
38.60	0.00	3,904	145.67	0.01
38.70	0.00	3,901	145.67	0.01
38.80	0.00	3,898	145.67	0.01
38.90	0.00	3,895	145.67	0.01
39.00	0.00	3,892	145.67	0.01
39.10	0.00	3,889	145.66	0.01
39.20	0.00	3,886	145.66	0.01
39.30	0.00	3,884	145.66	0.01
39.40	0.00	3,881	145.66	0.01
39.50	0.00	3,878	145.66	0.01
39.60	0.00	3,876	145.66	0.01
39.70	0.00	3,873	145.66	0.01
39.80	0.00	3,871	145.66	0.01
39.90	0.00	3,868	145.66	0.01
40.00	0.00	3,866	145.66	0.01

Stage-Discharge for Pond B-23: Basin #23

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
145.00	0.00	145.52	0.00	146.04	0.22	146.56	0.56
145.01	0.00	145.53	0.00	146.05	0.22	146.57	0.62
145.02	0.00	145.54	0.00	146.06	0.22	146.58	0.67
145.03	0.00	145.55	0.00	146.07	0.23	146.59	0.73
145.04	0.00	145.56	0.00	146.08	0.23	146.60	0.79
145.05	0.00	145.57	0.00	146.09	0.24	146.61	0.86
145.06	0.00	145.58	0.00	146.10	0.24	146.62	0.93
145.07	0.00	145.59	0.00	146.11	0.24	146.63	1.00
145.08	0.00	145.60	0.00	146.12	0.25	146.64	1.07
145.09	0.00	145.61	0.00	146.13	0.25	146.65	1.15
145.10	0.00	145.62	0.00	146.14	0.25	146.66	1.23
145.11	0.00	145.63	0.00	146.15	0.26	146.67	1.31
145.12	0.00	145.64	0.00	146.16	0.26	146.68	1.39
145.13	0.00	145.65	0.00	146.17	0.26	146.69	1.47
145.14	0.00	145.66	0.01	146.18	0.27	146.70	1.56
145.15	0.00	145.67	0.01	146.19	0.27	146.71	1.65
145.16	0.00	145.68	0.01	146.20	0.27	146.72	1.74
145.17	0.00	145.69	0.02	146.21	0.28	146.73	1.84
145.18	0.00	145.70	0.02	146.22	0.28	146.74	1.93
145.19	0.00	145.71	0.02	146.23	0.28	146.75	2.03
145.20	0.00	145.72	0.03	146.24	0.29	146.76	2.13
145.21	0.00	145.73	0.03	146.25	0.29	146.77	2.23
145.22	0.00	145.74	0.04	146.26	0.29	146.78	2.33
145.23	0.00	145.75	0.04	146.27	0.30	146.79	2.44
145.24	0.00	145.76	0.05	146.28	0.30	146.80	2.54
145.25	0.00	145.77	0.06	146.29	0.30	146.81	2.65
145.26	0.00	145.78	0.06	146.30	0.30	146.82	2.76
145.27	0.00	145.79	0.07	146.31	0.31	146.83	2.87
145.28	0.00	145.80	0.08	146.32	0.31	146.84	2.98
145.29	0.00	145.81	0.08	146.33	0.31	146.85	3.10
145.30	0.00	145.82	0.09	146.34	0.32	146.86	3.21
145.31	0.00	145.83	0.10	146.35	0.32	146.87	3.33
145.32	0.00	145.84	0.10	146.36	0.32	146.88	3.45
145.33	0.00	145.85	0.11	146.37	0.32	146.89	3.57
145.34	0.00	145.86	0.12	146.38	0.33	146.90	3.69
145.35	0.00	145.87	0.13	146.39	0.33	146.91	3.81
145.36	0.00	145.88	0.13	146.40	0.33	146.92	3.93
145.37	0.00	145.89	0.14	146.41	0.33	146.93	4.06
145.38	0.00	145.90	0.15	146.42	0.34	146.94	4.19
145.39	0.00	145.91	0.15	146.43	0.34	146.95	4.31
145.40	0.00	145.92	0.16	146.44	0.34	146.96	4.44
145.41	0.00	145.93	0.17	146.45	0.34	146.97	4.57
145.42	0.00	145.94	0.17	146.46	0.35	146.98	4.71
145.43	0.00	145.95	0.17	146.47	0.35	146.99	4.84
145.44	0.00	145.96	0.18	146.48	0.35	147.00	4.97
145.45	0.00	145.97	0.18	146.49	0.35	147.01	5.11
145.46	0.00	145.98	0.19	146.50	0.36	147.02	5.25
145.47	0.00	145.99	0.19	146.51	0.37	147.03	5.38
145.48	0.00	146.00	0.20	146.52	0.40	147.04	5.52
145.49	0.00	146.01	0.20	146.53	0.43	147.05	5.66
145.50	0.00	146.02	0.21	146.54	0.47	147.06	5.80
145.51	0.00	146.03	0.21	146.55	0.52	147.07	5.95

Stage-Discharge for Pond B-23: Basin #23 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
147.08	6.09	147.60	13.59
147.09	6.23	147.61	13.61
147.10	6.38	147.62	13.64
147.11	6.53	147.63	13.67
147.12	6.67	147.64	13.69
147.13	6.82	147.65	13.72
147.14	6.97	147.66	13.75
147.15	7.12	147.67	13.77
147.16	7.28	147.68	13.80
147.17	7.43	147.69	13.83
147.18	7.58	147.70	13.85
147.19	7.74	147.71	13.88
147.20	7.89	147.72	13.90
147.21	8.05	147.73	13.93
147.22	8.21	147.74	13.96
147.23	8.37	147.75	13.98
147.24	8.53	147.76	14.01
147.25	8.69	147.77	14.03
147.26	8.85	147.78	14.06
147.27	9.01	147.79	14.08
147.28	9.17	147.80	14.11
147.29	9.34	147.81	14.14
147.30	9.50	147.82	14.16
147.31	9.67	147.83	14.19
147.32	9.84	147.84	14.21
147.33	10.00	147.85	14.24
147.34	10.17	147.86	14.26
147.35	10.34	147.87	14.29
147.36	10.51	147.88	14.31
147.37	10.68	147.89	14.34
147.38	10.85	147.90	14.36
147.39	11.03	147.91	14.39
147.40	11.20	147.92	14.41
147.41	11.37	147.93	14.44
147.42	11.55	147.94	14.46
147.43	11.73	147.95	14.49
147.44	11.90	147.96	14.63
147.45	12.08	147.97	14.87
147.46	12.26	147.98	15.17
147.47	12.44	147.99	15.53
147.48	12.62	148.00	15.93
147.49	12.80		
147.50	12.98		
147.51	13.16		
147.52	13.34		
147.53	13.40		
147.54	13.43		
147.55	13.45		
147.56	13.48		
147.57	13.51		
147.58	13.53		
147.59	13.56		

Stage-Area-Storage for Pond B-23: Basin #23

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.00	5,512	0	145.52	6,040	3,003
145.01	5,522	55	145.53	6,050	3,064
145.02	5,532	110	145.54	6,060	3,124
145.03	5,542	166	145.55	6,070	3,185
145.04	5,553	221	145.56	6,080	3,246
145.05	5,563	277	145.57	6,091	3,307
145.06	5,573	333	145.58	6,101	3,368
145.07	5,583	388	145.59	6,111	3,429
145.08	5,593	444	145.60	6,121	3,490
145.09	5,603	500	145.61	6,131	3,551
145.10	5,613	556	145.62	6,141	3,613
145.11	5,624	612	145.63	6,151	3,674
145.12	5,634	669	145.64	6,162	3,736
145.13	5,644	725	145.65	6,172	3,797
145.14	5,654	782	145.66	6,182	3,859
145.15	5,664	838	145.67	6,192	3,921
145.16	5,674	895	145.68	6,202	3,983
145.17	5,685	952	145.69	6,212	4,045
145.18	5,695	1,009	145.70	6,222	4,107
145.19	5,705	1,066	145.71	6,233	4,169
145.20	5,715	1,123	145.72	6,243	4,232
145.21	5,725	1,180	145.73	6,253	4,294
145.22	5,735	1,237	145.74	6,263	4,357
145.23	5,745	1,295	145.75	6,273	4,419
145.24	5,756	1,352	145.76	6,283	4,482
145.25	5,766	1,410	145.77	6,294	4,545
145.26	5,776	1,467	145.78	6,304	4,608
145.27	5,786	1,525	145.79	6,314	4,671
145.28	5,796	1,583	145.80	6,324	4,734
145.29	5,806	1,641	145.81	6,334	4,798
145.30	5,817	1,699	145.82	6,344	4,861
145.31	5,827	1,757	145.83	6,354	4,925
145.32	5,837	1,816	145.84	6,365	4,988
145.33	5,847	1,874	145.85	6,375	5,052
145.34	5,857	1,933	145.86	6,385	5,116
145.35	5,867	1,991	145.87	6,395	5,180
145.36	5,877	2,050	145.88	6,405	5,244
145.37	5,888	2,109	145.89	6,415	5,308
145.38	5,898	2,168	145.90	6,426	5,372
145.39	5,908	2,227	145.91	6,436	5,436
145.40	5,918	2,286	145.92	6,446	5,501
145.41	5,928	2,345	145.93	6,456	5,565
145.42	5,938	2,405	145.94	6,466	5,630
145.43	5,948	2,464	145.95	6,476	5,694
145.44	5,959	2,524	145.96	6,486	5,759
145.45	5,969	2,583	145.97	6,497	5,824
145.46	5,979	2,643	145.98	6,507	5,889
145.47	5,989	2,703	145.99	6,517	5,954
145.48	5,999	2,763	146.00	6,527	6,020
145.49	6,009	2,823	146.01	6,538	6,085
145.50	6,020	2,883	146.02	6,548	6,150
145.51	6,030	2,943	146.03	6,559	6,216

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.04	6,570	6,281	146.56	7,127	9,843
146.05	6,581	6,347	146.57	7,138	9,914
146.06	6,591	6,413	146.58	7,149	9,985
146.07	6,602	6,479	146.59	7,159	10,057
146.08	6,613	6,545	146.60	7,170	10,129
146.09	6,623	6,611	146.61	7,181	10,200
146.10	6,634	6,678	146.62	7,192	10,272
146.11	6,645	6,744	146.63	7,202	10,344
146.12	6,656	6,810	146.64	7,213	10,416
146.13	6,666	6,877	146.65	7,224	10,489
146.14	6,677	6,944	146.66	7,235	10,561
146.15	6,688	7,011	146.67	7,245	10,633
146.16	6,699	7,078	146.68	7,256	10,706
146.17	6,709	7,145	146.69	7,267	10,778
146.18	6,720	7,212	146.70	7,277	10,851
146.19	6,731	7,279	146.71	7,288	10,924
146.20	6,741	7,346	146.72	7,299	10,997
146.21	6,752	7,414	146.73	7,310	11,070
146.22	6,763	7,481	146.74	7,320	11,143
146.23	6,774	7,549	146.75	7,331	11,216
146.24	6,784	7,617	146.76	7,342	11,290
146.25	6,795	7,685	146.77	7,352	11,363
146.26	6,806	7,753	146.78	7,363	11,437
146.27	6,816	7,821	146.79	7,374	11,510
146.28	6,827	7,889	146.80	7,385	11,584
146.29	6,838	7,957	146.81	7,395	11,658
146.30	6,849	8,026	146.82	7,406	11,732
146.31	6,859	8,094	146.83	7,417	11,806
146.32	6,870	8,163	146.84	7,427	11,880
146.33	6,881	8,232	146.85	7,438	11,955
146.34	6,891	8,301	146.86	7,449	12,029
146.35	6,902	8,370	146.87	7,460	12,104
146.36	6,913	8,439	146.88	7,470	12,178
146.37	6,924	8,508	146.89	7,481	12,253
146.38	6,934	8,577	146.90	7,492	12,328
146.39	6,945	8,647	146.91	7,503	12,403
146.40	6,956	8,716	146.92	7,513	12,478
146.41	6,967	8,786	146.93	7,524	12,553
146.42	6,977	8,855	146.94	7,535	12,628
146.43	6,988	8,925	146.95	7,545	12,704
146.44	6,999	8,995	146.96	7,556	12,779
146.45	7,009	9,065	146.97	7,567	12,855
146.46	7,020	9,135	146.98	7,578	12,931
146.47	7,031	9,206	146.99	7,588	13,007
146.48	7,042	9,276	147.00	7,599	13,083
146.49	7,052	9,346	147.01	7,610	13,159
146.50	7,063	9,417	147.02	7,622	13,235
146.51	7,074	9,488	147.03	7,633	13,311
146.52	7,084	9,558	147.04	7,644	13,387
146.53	7,095	9,629	147.05	7,655	13,464
146.54	7,106	9,700	147.06	7,667	13,540
146.55	7,117	9,771	147.07	7,678	13,617

Stage-Area-Storage for Pond B-23: Basin #23 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.08	7,689	13,694	147.60	8,276	17,845
147.09	7,701	13,771	147.61	8,287	17,928
147.10	7,712	13,848	147.62	8,298	18,011
147.11	7,723	13,925	147.63	8,310	18,094
147.12	7,734	14,003	147.64	8,321	18,177
147.13	7,746	14,080	147.65	8,332	18,260
147.14	7,757	14,157	147.66	8,343	18,344
147.15	7,768	14,235	147.67	8,355	18,427
147.16	7,779	14,313	147.68	8,366	18,511
147.17	7,791	14,391	147.69	8,377	18,594
147.18	7,802	14,469	147.70	8,389	18,678
147.19	7,813	14,547	147.71	8,400	18,762
147.20	7,825	14,625	147.72	8,411	18,846
147.21	7,836	14,703	147.73	8,422	18,930
147.22	7,847	14,782	147.74	8,434	19,015
147.23	7,858	14,860	147.75	8,445	19,099
147.24	7,870	14,939	147.76	8,456	19,184
147.25	7,881	15,018	147.77	8,468	19,268
147.26	7,892	15,096	147.78	8,479	19,353
147.27	7,904	15,175	147.79	8,490	19,438
147.28	7,915	15,254	147.80	8,501	19,523
147.29	7,926	15,334	147.81	8,513	19,608
147.30	7,937	15,413	147.82	8,524	19,693
147.31	7,949	15,492	147.83	8,535	19,778
147.32	7,960	15,572	147.84	8,547	19,864
147.33	7,971	15,652	147.85	8,558	19,949
147.34	7,983	15,731	147.86	8,569	20,035
147.35	7,994	15,811	147.87	8,580	20,121
147.36	8,005	15,891	147.88	8,592	20,206
147.37	8,016	15,971	147.89	8,603	20,292
147.38	8,028	16,052	147.90	8,614	20,378
147.39	8,039	16,132	147.91	8,625	20,465
147.40	8,050	16,212	147.92	8,637	20,551
147.41	8,061	16,293	147.93	8,648	20,637
147.42	8,073	16,374	147.94	8,659	20,724
147.43	8,084	16,454	147.95	8,671	20,811
147.44	8,095	16,535	147.96	8,682	20,897
147.45	8,107	16,616	147.97	8,693	20,984
147.46	8,118	16,697	147.98	8,704	21,071
147.47	8,129	16,779	147.99	8,716	21,158
147.48	8,140	16,860	148.00	8,727	21,246
147.49	8,152	16,941			
147.50	8,163	17,023			
147.51	8,174	17,105			
147.52	8,186	17,186			
147.53	8,197	17,268			
147.54	8,208	17,350			
147.55	8,219	17,433			
147.56	8,231	17,515			
147.57	8,242	17,597			
147.58	8,253	17,680			
147.59	8,265	17,762			

Summary for Pond B-24: Basin #24

Inflow Area = 2.408 ac, 37.46% Impervious, Inflow Depth = 8.87" for Future 100 yr event
 Inflow = 21.68 cfs @ 12.17 hrs, Volume= 1.780 af
 Outflow = 20.91 cfs @ 12.20 hrs, Volume= 1.680 af, Atten= 4%, Lag= 2.0 min
 Primary = 20.91 cfs @ 12.20 hrs, Volume= 1.680 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 148.21' @ 12.20 hrs Surf.Area= 10,636 sf Storage= 20,953 cf

Plug-Flow detention time= 171.7 min calculated for 1.678 af (94% of inflow)
 Center-of-Mass det. time= 140.6 min (919.5 - 779.0)

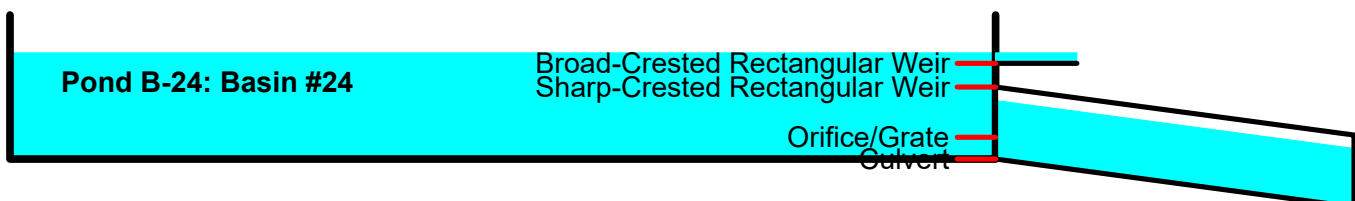
Volume	Invert	Avail.Storage	Storage Description
#1	146.00'	29,667 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
146.00	8,327	0	0
147.00	9,353	8,840	8,840
148.00	10,406	9,880	18,720
149.00	11,488	10,947	29,667

Device	Routing	Invert	Outlet Devices
#1	Primary	146.00'	18.0" Round Culvert L= 22.0' Ke= 0.500 Inlet / Outlet Invert= 146.00' / 145.00' S= 0.0455 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	146.45'	5.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	147.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.99'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

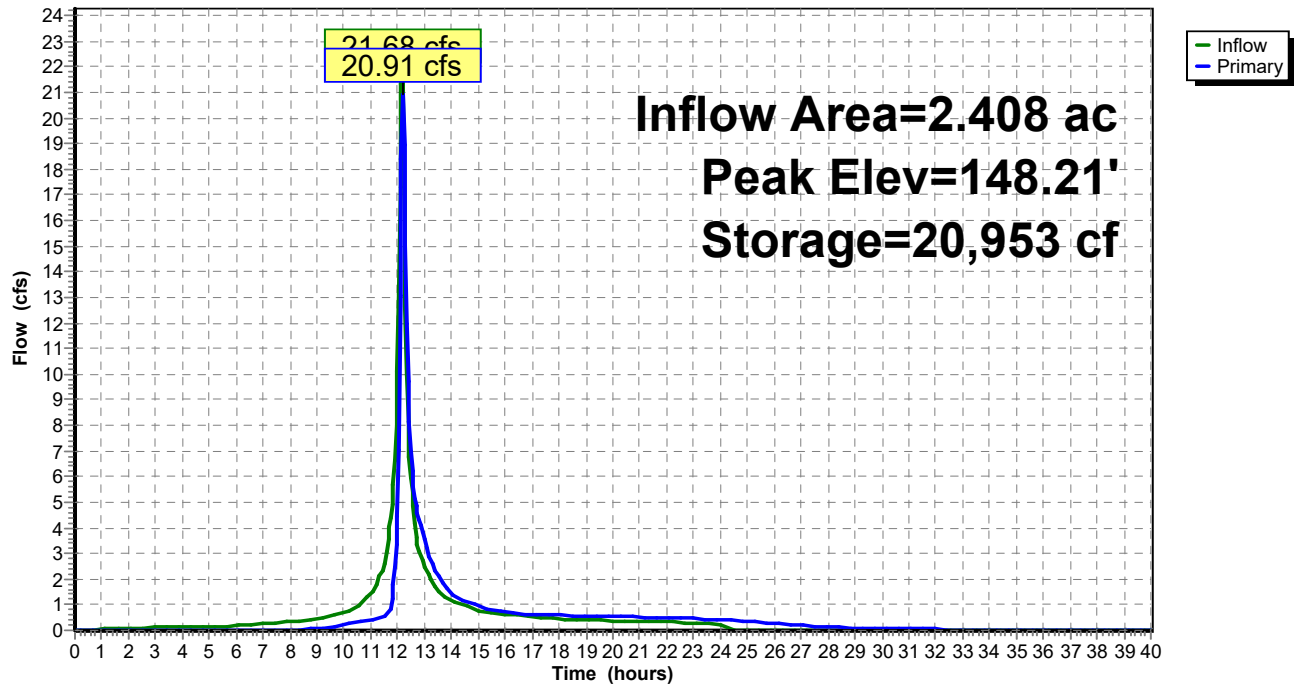
Primary OutFlow Max=20.76 cfs @ 12.20 hrs HW=148.21' (Free Discharge)

1=Culvert (Passes 8.38 cfs of 10.28 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.82 cfs @ 6.00 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 7.56 cfs @ 2.76 fps)
 4=Broad-Crested Rectangular Weir (Weir Controls 12.38 cfs @ 1.11 fps)



Pond B-24: Basin #24

Hydrograph



Hydrograph for Pond B-24: Basin #24

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	146.00	0.00
0.10	0.00	0	146.00	0.00
0.20	0.00	0	146.00	0.00
0.30	0.00	0	146.00	0.00
0.40	0.00	0	146.00	0.00
0.50	0.00	1	146.00	0.00
0.60	0.01	4	146.00	0.00
0.70	0.02	10	146.00	0.00
0.80	0.03	19	146.00	0.00
0.90	0.04	32	146.00	0.00
1.00	0.04	47	146.01	0.00
1.10	0.05	64	146.01	0.00
1.20	0.06	83	146.01	0.00
1.30	0.06	105	146.01	0.00
1.40	0.07	128	146.02	0.00
1.50	0.07	152	146.02	0.00
1.60	0.07	178	146.02	0.00
1.70	0.08	206	146.02	0.00
1.80	0.08	235	146.03	0.00
1.90	0.08	265	146.03	0.00
2.00	0.09	296	146.04	0.00
2.10	0.09	328	146.04	0.00
2.20	0.09	361	146.04	0.00
2.30	0.10	395	146.05	0.00
2.40	0.10	430	146.05	0.00
2.50	0.10	466	146.06	0.00
2.60	0.10	503	146.06	0.00
2.70	0.11	541	146.06	0.00
2.80	0.11	579	146.07	0.00
2.90	0.11	618	146.07	0.00
3.00	0.11	658	146.08	0.00
3.10	0.11	698	146.08	0.00
3.20	0.11	739	146.09	0.00
3.30	0.12	781	146.09	0.00
3.40	0.12	823	146.10	0.00
3.50	0.12	866	146.10	0.00
3.60	0.12	910	146.11	0.00
3.70	0.12	954	146.11	0.00
3.80	0.12	998	146.12	0.00
3.90	0.13	1,044	146.12	0.00
4.00	0.13	1,089	146.13	0.00
4.10	0.13	1,136	146.14	0.00
4.20	0.13	1,183	146.14	0.00
4.30	0.13	1,230	146.15	0.00
4.40	0.13	1,278	146.15	0.00
4.50	0.14	1,326	146.16	0.00
4.60	0.14	1,375	146.16	0.00
4.70	0.14	1,425	146.17	0.00
4.80	0.14	1,474	146.18	0.00
4.90	0.14	1,525	146.18	0.00
5.00	0.14	1,576	146.19	0.00
5.10	0.14	1,627	146.19	0.00

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,679	146.20	0.00
5.30	0.15	1,732	146.21	0.00
5.40	0.15	1,786	146.21	0.00
5.50	0.16	1,842	146.22	0.00
5.60	0.16	1,899	146.22	0.00
5.70	0.16	1,957	146.23	0.00
5.80	0.17	2,017	146.24	0.00
5.90	0.17	2,077	146.25	0.00
6.00	0.17	2,140	146.25	0.00
6.10	0.18	2,203	146.26	0.00
6.20	0.19	2,269	146.27	0.00
6.30	0.19	2,337	146.28	0.00
6.40	0.20	2,408	146.28	0.00
6.50	0.21	2,482	146.29	0.00
6.60	0.22	2,558	146.30	0.00
6.70	0.22	2,637	146.31	0.00
6.80	0.23	2,718	146.32	0.00
6.90	0.24	2,803	146.33	0.00
7.00	0.25	2,891	146.34	0.00
7.10	0.26	2,981	146.35	0.00
7.20	0.26	3,075	146.36	0.00
7.30	0.27	3,172	146.37	0.00
7.40	0.28	3,271	146.38	0.00
7.50	0.29	3,374	146.40	0.00
7.60	0.30	3,481	146.41	0.00
7.70	0.31	3,590	146.42	0.00
7.80	0.32	3,703	146.43	0.00
7.90	0.33	3,819	146.45	0.00
8.00	0.34	3,938	146.46	0.00
8.10	0.35	4,061	146.47	0.00
8.20	0.36	4,186	146.49	0.00
8.30	0.37	4,314	146.50	0.01
8.40	0.38	4,444	146.52	0.01
8.50	0.39	4,575	146.53	0.02
8.60	0.40	4,708	146.55	0.03
8.70	0.41	4,842	146.56	0.03
8.80	0.42	4,976	146.58	0.04
8.90	0.43	5,111	146.59	0.05
9.00	0.44	5,246	146.61	0.06
9.10	0.45	5,381	146.62	0.08
9.20	0.48	5,519	146.64	0.09
9.30	0.51	5,661	146.65	0.10
9.40	0.54	5,810	146.67	0.12
9.50	0.57	5,963	146.69	0.13
9.60	0.60	6,121	146.70	0.15
9.70	0.63	6,285	146.72	0.17
9.80	0.66	6,453	146.74	0.19
9.90	0.69	6,626	146.76	0.21
10.00	0.73	6,804	146.78	0.23
10.10	0.76	6,987	146.80	0.25
10.20	0.80	7,176	146.82	0.26
10.30	0.83	7,370	146.84	0.28

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.87	7,572	146.86	0.30
10.50	0.90	7,780	146.89	0.31
10.60	0.96	7,999	146.91	0.33
10.70	1.06	8,241	146.94	0.35
10.80	1.18	8,516	146.97	0.36
10.90	1.30	8,827	147.00	0.38
11.00	1.43	9,176	147.04	0.40
11.10	1.58	9,566	147.08	0.42
11.20	1.79	10,015	147.12	0.45
11.30	2.03	10,536	147.18	0.47
11.40	2.27	11,135	147.24	0.50
11.50	2.51	11,811	147.31	0.53
11.60	3.05	12,597	147.39	0.56
11.70	4.03	13,670	147.50	0.61
11.80	4.91	14,943	147.63	1.26
11.90	6.66	16,339	147.77	2.49
12.00	10.15	18,067	147.94	4.44
12.10	17.27	20,046	148.13	13.04
12.20	20.91	20,952	148.21	20.90
12.30	12.64	20,316	148.15	15.19
12.40	8.12	19,576	148.08	9.73
12.50	5.96	19,101	148.04	6.97
12.60	4.82	18,791	148.01	5.63
12.70	3.64	18,422	147.97	4.89
12.80	3.13	17,976	147.93	4.33
12.90	2.82	17,577	147.89	3.85
13.00	2.54	17,230	147.86	3.45
13.10	2.28	16,920	147.83	3.10
13.20	2.04	16,634	147.80	2.79
13.30	1.87	16,379	147.77	2.53
13.40	1.72	16,154	147.75	2.31
13.50	1.57	15,952	147.73	2.11
13.60	1.43	15,764	147.71	1.94
13.70	1.31	15,587	147.69	1.78
13.80	1.25	15,431	147.68	1.64
13.90	1.21	15,300	147.67	1.54
14.00	1.17	15,190	147.65	1.45
14.10	1.13	15,096	147.65	1.37
14.20	1.09	15,012	147.64	1.31
14.30	1.05	14,937	147.63	1.26
14.40	1.02	14,867	147.62	1.20
14.50	0.98	14,801	147.62	1.16
14.60	0.94	14,738	147.61	1.12
14.70	0.90	14,676	147.60	1.07
14.80	0.87	14,615	147.60	1.03
14.90	0.83	14,555	147.59	0.99
15.00	0.79	14,495	147.59	0.96
15.10	0.75	14,433	147.58	0.92
15.20	0.72	14,372	147.57	0.89
15.30	0.70	14,315	147.57	0.86
15.40	0.69	14,263	147.56	0.83
15.50	0.68	14,218	147.56	0.80

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.67	14,176	147.55	0.79
15.70	0.66	14,138	147.55	0.77
15.80	0.65	14,101	147.55	0.75
15.90	0.64	14,067	147.54	0.74
16.00	0.63	14,034	147.54	0.72
16.10	0.62	14,003	147.54	0.71
16.20	0.61	13,974	147.53	0.69
16.30	0.60	13,946	147.53	0.68
16.40	0.59	13,917	147.53	0.67
16.50	0.58	13,888	147.52	0.67
16.60	0.57	13,858	147.52	0.66
16.70	0.56	13,827	147.52	0.65
16.80	0.55	13,796	147.51	0.64
16.90	0.54	13,764	147.51	0.63
17.00	0.53	13,731	147.51	0.62
17.10	0.52	13,698	147.51	0.62
17.20	0.51	13,665	147.50	0.61
17.30	0.50	13,631	147.50	0.60
17.40	0.49	13,594	147.49	0.60
17.50	0.48	13,553	147.49	0.60
17.60	0.47	13,510	147.49	0.60
17.70	0.46	13,464	147.48	0.60
17.80	0.45	13,415	147.48	0.59
17.90	0.44	13,362	147.47	0.59
18.00	0.43	13,307	147.47	0.59
18.10	0.42	13,249	147.46	0.59
18.20	0.41	13,188	147.45	0.59
18.30	0.41	13,126	147.45	0.58
18.40	0.41	13,064	147.44	0.58
18.50	0.40	13,001	147.43	0.58
18.60	0.40	12,939	147.43	0.58
18.70	0.40	12,876	147.42	0.57
18.80	0.40	12,813	147.42	0.57
18.90	0.39	12,750	147.41	0.57
19.00	0.39	12,688	147.40	0.57
19.10	0.39	12,625	147.40	0.56
19.20	0.39	12,562	147.39	0.56
19.30	0.38	12,499	147.38	0.56
19.40	0.38	12,436	147.38	0.56
19.50	0.38	12,373	147.37	0.55
19.60	0.38	12,311	147.36	0.55
19.70	0.37	12,248	147.36	0.55
19.80	0.37	12,185	147.35	0.55
19.90	0.37	12,122	147.34	0.54
20.00	0.37	12,060	147.34	0.54
20.10	0.36	11,997	147.33	0.54
20.20	0.36	11,934	147.32	0.54
20.30	0.36	11,872	147.32	0.53
20.40	0.36	11,809	147.31	0.53
20.50	0.35	11,746	147.31	0.53
20.60	0.35	11,684	147.30	0.53
20.70	0.35	11,621	147.29	0.52

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	11,559	147.29	0.52
20.90	0.34	11,497	147.28	0.52
21.00	0.34	11,434	147.27	0.51
21.10	0.34	11,372	147.27	0.51
21.20	0.34	11,310	147.26	0.51
21.30	0.33	11,247	147.25	0.51
21.40	0.33	11,186	147.25	0.50
21.50	0.33	11,124	147.24	0.50
21.60	0.33	11,062	147.23	0.50
21.70	0.32	11,000	147.23	0.50
21.80	0.32	10,938	147.22	0.49
21.90	0.32	10,877	147.22	0.49
22.00	0.32	10,816	147.21	0.49
22.10	0.31	10,754	147.20	0.48
22.20	0.31	10,693	147.20	0.48
22.30	0.31	10,632	147.19	0.48
22.40	0.31	10,571	147.18	0.48
22.50	0.30	10,510	147.18	0.47
22.60	0.30	10,449	147.17	0.47
22.70	0.30	10,389	147.16	0.47
22.80	0.30	10,329	147.16	0.46
22.90	0.29	10,268	147.15	0.46
23.00	0.29	10,208	147.15	0.46
23.10	0.29	10,148	147.14	0.46
23.20	0.29	10,088	147.13	0.45
23.30	0.28	10,029	147.13	0.45
23.40	0.28	9,969	147.12	0.45
23.50	0.28	9,910	147.11	0.44
23.60	0.28	9,851	147.11	0.44
23.70	0.27	9,792	147.10	0.44
23.80	0.27	9,733	147.09	0.43
23.90	0.27	9,675	147.09	0.43
24.00	0.28	9,618	147.08	0.43
24.10	0.24	9,563	147.08	0.42
24.20	0.07	9,464	147.07	0.42
24.30	0.02	9,328	147.05	0.41
24.40	0.00	9,184	147.04	0.40
24.50	0.00	9,041	147.02	0.40
24.60	0.00	8,900	147.01	0.39
24.70	0.00	8,762	146.99	0.38
24.80	0.00	8,627	146.98	0.37
24.90	0.00	8,495	146.96	0.36
25.00	0.00	8,366	146.95	0.35
25.10	0.00	8,240	146.94	0.35
25.20	0.00	8,117	146.92	0.34
25.30	0.00	7,998	146.91	0.33
25.40	0.00	7,881	146.90	0.32
25.50	0.00	7,767	146.88	0.31
25.60	0.00	7,656	146.87	0.30
25.70	0.00	7,548	146.86	0.30
25.80	0.00	7,443	146.85	0.29
25.90	0.00	7,340	146.84	0.28

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,241	146.83	0.27
26.10	0.00	7,145	146.82	0.26
26.20	0.00	7,053	146.81	0.25
26.30	0.00	6,963	146.80	0.24
26.40	0.00	6,877	146.79	0.23
26.50	0.00	6,795	146.78	0.23
26.60	0.00	6,715	146.77	0.22
26.70	0.00	6,639	146.76	0.21
26.80	0.00	6,566	146.75	0.20
26.90	0.00	6,495	146.75	0.19
27.00	0.00	6,428	146.74	0.18
27.10	0.00	6,363	146.73	0.18
27.20	0.00	6,300	146.72	0.17
27.30	0.00	6,240	146.72	0.16
27.40	0.00	6,183	146.71	0.16
27.50	0.00	6,127	146.71	0.15
27.60	0.00	6,074	146.70	0.14
27.70	0.00	6,023	146.69	0.14
27.80	0.00	5,974	146.69	0.13
27.90	0.00	5,927	146.68	0.13
28.00	0.00	5,881	146.68	0.12
28.10	0.00	5,837	146.67	0.12
28.20	0.00	5,795	146.67	0.12
28.30	0.00	5,754	146.66	0.11
28.40	0.00	5,715	146.66	0.11
28.50	0.00	5,677	146.66	0.10
28.60	0.00	5,640	146.65	0.10
28.70	0.00	5,605	146.65	0.10
28.80	0.00	5,571	146.64	0.09
28.90	0.00	5,538	146.64	0.09
29.00	0.00	5,506	146.64	0.09
29.10	0.00	5,475	146.63	0.08
29.20	0.00	5,446	146.63	0.08
29.30	0.00	5,417	146.63	0.08
29.40	0.00	5,389	146.62	0.08
29.50	0.00	5,362	146.62	0.07
29.60	0.00	5,336	146.62	0.07
29.70	0.00	5,310	146.61	0.07
29.80	0.00	5,286	146.61	0.07
29.90	0.00	5,262	146.61	0.07
30.00	0.00	5,239	146.61	0.06
30.10	0.00	5,216	146.60	0.06
30.20	0.00	5,195	146.60	0.06
30.30	0.00	5,173	146.60	0.06
30.40	0.00	5,153	146.60	0.06
30.50	0.00	5,133	146.59	0.05
30.60	0.00	5,114	146.59	0.05
30.70	0.00	5,095	146.59	0.05
30.80	0.00	5,076	146.59	0.05
30.90	0.00	5,058	146.59	0.05
31.00	0.00	5,041	146.58	0.05
31.10	0.00	5,024	146.58	0.05

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,007	146.58	0.05
31.30	0.00	4,991	146.58	0.04
31.40	0.00	4,976	146.58	0.04
31.50	0.00	4,960	146.58	0.04
31.60	0.00	4,945	146.57	0.04
31.70	0.00	4,931	146.57	0.04
31.80	0.00	4,917	146.57	0.04
31.90	0.00	4,903	146.57	0.04
32.00	0.00	4,890	146.57	0.04
32.10	0.00	4,876	146.57	0.04
32.20	0.00	4,864	146.56	0.04
32.30	0.00	4,851	146.56	0.03
32.40	0.00	4,839	146.56	0.03
32.50	0.00	4,827	146.56	0.03
32.60	0.00	4,815	146.56	0.03
32.70	0.00	4,803	146.56	0.03
32.80	0.00	4,792	146.56	0.03
32.90	0.00	4,781	146.56	0.03
33.00	0.00	4,770	146.55	0.03
33.10	0.00	4,760	146.55	0.03
33.20	0.00	4,749	146.55	0.03
33.30	0.00	4,739	146.55	0.03
33.40	0.00	4,729	146.55	0.03
33.50	0.00	4,720	146.55	0.03
33.60	0.00	4,710	146.55	0.03
33.70	0.00	4,701	146.55	0.03
33.80	0.00	4,692	146.55	0.02
33.90	0.00	4,683	146.54	0.02
34.00	0.00	4,674	146.54	0.02
34.10	0.00	4,666	146.54	0.02
34.20	0.00	4,658	146.54	0.02
34.30	0.00	4,649	146.54	0.02
34.40	0.00	4,641	146.54	0.02
34.50	0.00	4,634	146.54	0.02
34.60	0.00	4,626	146.54	0.02
34.70	0.00	4,618	146.54	0.02
34.80	0.00	4,611	146.54	0.02
34.90	0.00	4,604	146.54	0.02
35.00	0.00	4,596	146.53	0.02
35.10	0.00	4,589	146.53	0.02
35.20	0.00	4,582	146.53	0.02
35.30	0.00	4,575	146.53	0.02
35.40	0.00	4,569	146.53	0.02
35.50	0.00	4,562	146.53	0.02
35.60	0.00	4,555	146.53	0.02
35.70	0.00	4,549	146.53	0.02
35.80	0.00	4,543	146.53	0.02
35.90	0.00	4,536	146.53	0.02
36.00	0.00	4,530	146.53	0.02
36.10	0.00	4,524	146.53	0.02
36.20	0.00	4,518	146.53	0.02
36.30	0.00	4,513	146.52	0.02

Hydrograph for Pond B-24: Basin #24 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,507	146.52	0.02
36.50	0.00	4,501	146.52	0.02
36.60	0.00	4,496	146.52	0.02
36.70	0.00	4,490	146.52	0.02
36.80	0.00	4,485	146.52	0.01
36.90	0.00	4,479	146.52	0.01
37.00	0.00	4,474	146.52	0.01
37.10	0.00	4,469	146.52	0.01
37.20	0.00	4,464	146.52	0.01
37.30	0.00	4,459	146.52	0.01
37.40	0.00	4,454	146.52	0.01
37.50	0.00	4,449	146.52	0.01
37.60	0.00	4,445	146.52	0.01
37.70	0.00	4,440	146.52	0.01
37.80	0.00	4,436	146.52	0.01
37.90	0.00	4,431	146.52	0.01
38.00	0.00	4,427	146.52	0.01
38.10	0.00	4,422	146.51	0.01
38.20	0.00	4,418	146.51	0.01
38.30	0.00	4,414	146.51	0.01
38.40	0.00	4,410	146.51	0.01
38.50	0.00	4,406	146.51	0.01
38.60	0.00	4,402	146.51	0.01
38.70	0.00	4,398	146.51	0.01
38.80	0.00	4,394	146.51	0.01
38.90	0.00	4,390	146.51	0.01
39.00	0.00	4,386	146.51	0.01
39.10	0.00	4,382	146.51	0.01
39.20	0.00	4,379	146.51	0.01
39.30	0.00	4,375	146.51	0.01
39.40	0.00	4,372	146.51	0.01
39.50	0.00	4,368	146.51	0.01
39.60	0.00	4,365	146.51	0.01
39.70	0.00	4,361	146.51	0.01
39.80	0.00	4,358	146.51	0.01
39.90	0.00	4,354	146.51	0.01
40.00	0.00	4,351	146.51	0.01

Stage-Discharge for Pond B-24: Basin #24

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.00	0.00	146.52	0.01	147.04	0.41	147.56	0.82
146.01	0.00	146.53	0.02	147.05	0.41	147.57	0.87
146.02	0.00	146.54	0.02	147.06	0.42	147.58	0.93
146.03	0.00	146.55	0.03	147.07	0.42	147.59	0.99
146.04	0.00	146.56	0.03	147.08	0.43	147.60	1.05
146.05	0.00	146.57	0.04	147.09	0.43	147.61	1.12
146.06	0.00	146.58	0.04	147.10	0.44	147.62	1.18
146.07	0.00	146.59	0.05	147.11	0.44	147.63	1.26
146.08	0.00	146.60	0.06	147.12	0.45	147.64	1.33
146.09	0.00	146.61	0.07	147.13	0.45	147.65	1.41
146.10	0.00	146.62	0.07	147.14	0.46	147.66	1.49
146.11	0.00	146.63	0.08	147.15	0.46	147.67	1.57
146.12	0.00	146.64	0.09	147.16	0.47	147.68	1.65
146.13	0.00	146.65	0.10	147.17	0.47	147.69	1.74
146.14	0.00	146.66	0.11	147.18	0.47	147.70	1.83
146.15	0.00	146.67	0.12	147.19	0.48	147.71	1.92
146.16	0.00	146.68	0.13	147.20	0.48	147.72	2.01
146.17	0.00	146.69	0.14	147.21	0.49	147.73	2.11
146.18	0.00	146.70	0.15	147.22	0.49	147.74	2.20
146.19	0.00	146.71	0.16	147.23	0.50	147.75	2.30
146.20	0.00	146.72	0.17	147.24	0.50	147.76	2.40
146.21	0.00	146.73	0.18	147.25	0.51	147.77	2.50
146.22	0.00	146.74	0.19	147.26	0.51	147.78	2.61
146.23	0.00	146.75	0.20	147.27	0.51	147.79	2.71
146.24	0.00	146.76	0.21	147.28	0.52	147.80	2.82
146.25	0.00	146.77	0.22	147.29	0.52	147.81	2.93
146.26	0.00	146.78	0.23	147.30	0.53	147.82	3.04
146.27	0.00	146.79	0.24	147.31	0.53	147.83	3.15
146.28	0.00	146.80	0.25	147.32	0.53	147.84	3.26
146.29	0.00	146.81	0.26	147.33	0.54	147.85	3.38
146.30	0.00	146.82	0.27	147.34	0.54	147.86	3.49
146.31	0.00	146.83	0.27	147.35	0.55	147.87	3.61
146.32	0.00	146.84	0.28	147.36	0.55	147.88	3.73
146.33	0.00	146.85	0.29	147.37	0.55	147.89	3.85
146.34	0.00	146.86	0.30	147.38	0.56	147.90	3.97
146.35	0.00	146.87	0.30	147.39	0.56	147.91	4.10
146.36	0.00	146.88	0.31	147.40	0.57	147.92	4.22
146.37	0.00	146.89	0.32	147.41	0.57	147.93	4.35
146.38	0.00	146.90	0.32	147.42	0.57	147.94	4.48
146.39	0.00	146.91	0.33	147.43	0.58	147.95	4.61
146.40	0.00	146.92	0.34	147.44	0.58	147.96	4.74
146.41	0.00	146.93	0.34	147.45	0.58	147.97	4.87
146.42	0.00	146.94	0.35	147.46	0.59	147.98	5.00
146.43	0.00	146.95	0.35	147.47	0.59	147.99	5.13
146.44	0.00	146.96	0.36	147.48	0.60	148.00	5.39
146.45	0.00	146.97	0.37	147.49	0.60	148.01	5.74
146.46	0.00	146.98	0.37	147.50	0.60	148.02	6.15
146.47	0.00	146.99	0.38	147.51	0.62	148.03	6.62
146.48	0.00	147.00	0.38	147.52	0.65	148.04	7.13
146.49	0.00	147.01	0.39	147.53	0.68	148.05	7.69
146.50	0.01	147.02	0.39	147.54	0.72	148.06	8.28
146.51	0.01	147.03	0.40	147.55	0.77	148.07	8.91

Stage-Discharge for Pond B-24: Basin #24 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.08	9.57	148.60	77.75
148.09	10.26	148.61	79.42
148.10	10.98	148.62	81.11
148.11	11.72	148.63	82.80
148.12	12.50	148.64	84.52
148.13	13.30	148.65	86.24
148.14	14.13	148.66	87.98
148.15	14.98	148.67	89.73
148.16	15.85	148.68	91.49
148.17	16.75	148.69	93.27
148.18	17.67	148.70	95.06
148.19	18.62	148.71	96.86
148.20	19.62	148.72	98.67
148.21	20.65	148.73	100.50
148.22	21.71	148.74	102.34
148.23	22.79	148.75	104.19
148.24	23.90	148.76	106.05
148.25	25.03	148.77	107.93
148.26	26.19	148.78	109.82
148.27	27.38	148.79	111.72
148.28	28.59	148.80	113.67
148.29	29.83	148.81	115.63
148.30	31.09	148.82	117.61
148.31	32.38	148.83	119.59
148.32	33.69	148.84	121.60
148.33	35.03	148.85	123.61
148.34	36.39	148.86	125.64
148.35	37.78	148.87	127.68
148.36	39.15	148.88	129.73
148.37	40.45	148.89	131.80
148.38	41.78	148.90	133.88
148.39	43.13	148.91	135.97
148.40	44.53	148.92	138.08
148.41	45.95	148.93	140.20
148.42	47.40	148.94	142.33
148.43	48.88	148.95	144.47
148.44	50.38	148.96	146.63
148.45	51.91	148.97	148.79
148.46	53.47	148.98	150.97
148.47	55.05	148.99	153.17
148.48	56.65	149.00	155.32
148.49	58.29		
148.50	59.95		
148.51	61.64		
148.52	63.35		
148.53	65.09		
148.54	66.86		
148.55	68.65		
148.56	70.47		
148.57	72.32		
148.58	74.19		
148.59	76.09		

Stage-Area-Storage for Pond B-24: Basin #24

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.00	8,327	0	146.52	8,861	4,469
146.01	8,337	83	146.53	8,871	4,557
146.02	8,348	167	146.54	8,881	4,646
146.03	8,358	250	146.55	8,891	4,735
146.04	8,368	334	146.56	8,902	4,824
146.05	8,378	418	146.57	8,912	4,913
146.06	8,389	501	146.58	8,922	5,002
146.07	8,399	585	146.59	8,932	5,092
146.08	8,409	669	146.60	8,943	5,181
146.09	8,419	754	146.61	8,953	5,270
146.10	8,430	838	146.62	8,963	5,360
146.11	8,440	922	146.63	8,973	5,450
146.12	8,450	1,007	146.64	8,984	5,539
146.13	8,460	1,091	146.65	8,994	5,629
146.14	8,471	1,176	146.66	9,004	5,719
146.15	8,481	1,261	146.67	9,014	5,809
146.16	8,491	1,345	146.68	9,025	5,900
146.17	8,501	1,430	146.69	9,035	5,990
146.18	8,512	1,515	146.70	9,045	6,080
146.19	8,522	1,601	146.71	9,055	6,171
146.20	8,532	1,686	146.72	9,066	6,261
146.21	8,542	1,771	146.73	9,076	6,352
146.22	8,553	1,857	146.74	9,086	6,443
146.23	8,563	1,942	146.75	9,097	6,534
146.24	8,573	2,028	146.76	9,107	6,625
146.25	8,584	2,114	146.77	9,117	6,716
146.26	8,594	2,200	146.78	9,127	6,807
146.27	8,604	2,286	146.79	9,138	6,898
146.28	8,614	2,372	146.80	9,148	6,990
146.29	8,625	2,458	146.81	9,158	7,081
146.30	8,635	2,544	146.82	9,168	7,173
146.31	8,645	2,631	146.83	9,179	7,265
146.32	8,655	2,717	146.84	9,189	7,357
146.33	8,666	2,804	146.85	9,199	7,449
146.34	8,676	2,890	146.86	9,209	7,541
146.35	8,686	2,977	146.87	9,220	7,633
146.36	8,696	3,064	146.88	9,230	7,725
146.37	8,707	3,151	146.89	9,240	7,817
146.38	8,717	3,238	146.90	9,250	7,910
146.39	8,727	3,326	146.91	9,261	8,002
146.40	8,737	3,413	146.92	9,271	8,095
146.41	8,748	3,500	146.93	9,281	8,188
146.42	8,758	3,588	146.94	9,291	8,281
146.43	8,768	3,675	146.95	9,302	8,374
146.44	8,778	3,763	146.96	9,312	8,467
146.45	8,789	3,851	146.97	9,322	8,560
146.46	8,799	3,939	146.98	9,332	8,653
146.47	8,809	4,027	146.99	9,343	8,747
146.48	8,819	4,115	147.00	9,353	8,840
146.49	8,830	4,203	147.01	9,364	8,934
146.50	8,840	4,292	147.02	9,374	9,027
146.51	8,850	4,380	147.03	9,385	9,121

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.04	9,395	9,215	147.56	9,943	14,243
147.05	9,406	9,309	147.57	9,953	14,342
147.06	9,416	9,403	147.58	9,964	14,442
147.07	9,427	9,497	147.59	9,974	14,542
147.08	9,437	9,592	147.60	9,985	14,641
147.09	9,448	9,686	147.61	9,995	14,741
147.10	9,458	9,781	147.62	10,006	14,841
147.11	9,469	9,875	147.63	10,016	14,941
147.12	9,479	9,970	147.64	10,027	15,042
147.13	9,490	10,065	147.65	10,037	15,142
147.14	9,500	10,160	147.66	10,048	15,242
147.15	9,511	10,255	147.67	10,059	15,343
147.16	9,521	10,350	147.68	10,069	15,443
147.17	9,532	10,445	147.69	10,080	15,544
147.18	9,543	10,541	147.70	10,090	15,645
147.19	9,553	10,636	147.71	10,101	15,746
147.20	9,564	10,732	147.72	10,111	15,847
147.21	9,574	10,827	147.73	10,122	15,948
147.22	9,585	10,923	147.74	10,132	16,050
147.23	9,595	11,019	147.75	10,143	16,151
147.24	9,606	11,115	147.76	10,153	16,252
147.25	9,616	11,211	147.77	10,164	16,354
147.26	9,627	11,307	147.78	10,174	16,456
147.27	9,637	11,404	147.79	10,185	16,557
147.28	9,648	11,500	147.80	10,195	16,659
147.29	9,658	11,597	147.81	10,206	16,761
147.30	9,669	11,693	147.82	10,216	16,863
147.31	9,679	11,790	147.83	10,227	16,966
147.32	9,690	11,887	147.84	10,238	17,068
147.33	9,700	11,984	147.85	10,248	17,170
147.34	9,711	12,081	147.86	10,259	17,273
147.35	9,722	12,178	147.87	10,269	17,376
147.36	9,732	12,275	147.88	10,280	17,478
147.37	9,743	12,373	147.89	10,290	17,581
147.38	9,753	12,470	147.90	10,301	17,684
147.39	9,764	12,568	147.91	10,311	17,787
147.40	9,774	12,665	147.92	10,322	17,890
147.41	9,785	12,763	147.93	10,332	17,994
147.42	9,795	12,861	147.94	10,343	18,097
147.43	9,806	12,959	147.95	10,353	18,201
147.44	9,816	13,057	147.96	10,364	18,304
147.45	9,827	13,155	147.97	10,374	18,408
147.46	9,837	13,254	147.98	10,385	18,512
147.47	9,848	13,352	147.99	10,395	18,615
147.48	9,858	13,451	148.00	10,406	18,720
147.49	9,869	13,549	148.01	10,417	18,824
147.50	9,880	13,648	148.02	10,428	18,928
147.51	9,890	13,747	148.03	10,438	19,032
147.52	9,901	13,846	148.04	10,449	19,137
147.53	9,911	13,945	148.05	10,460	19,241
147.54	9,922	14,044	148.06	10,471	19,346
147.55	9,932	14,143	148.07	10,482	19,451

Stage-Area-Storage for Pond B-24: Basin #24 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.08	10,493	19,555	148.60	11,055	25,158
148.09	10,503	19,660	148.61	11,066	25,268
148.10	10,514	19,766	148.62	11,077	25,379
148.11	10,525	19,871	148.63	11,088	25,490
148.12	10,536	19,976	148.64	11,098	25,601
148.13	10,547	20,081	148.65	11,109	25,712
148.14	10,557	20,187	148.66	11,120	25,823
148.15	10,568	20,293	148.67	11,131	25,934
148.16	10,579	20,398	148.68	11,142	26,046
148.17	10,590	20,504	148.69	11,153	26,157
148.18	10,601	20,610	148.70	11,163	26,269
148.19	10,612	20,716	148.71	11,174	26,380
148.20	10,622	20,822	148.72	11,185	26,492
148.21	10,633	20,929	148.73	11,196	26,604
148.22	10,644	21,035	148.74	11,207	26,716
148.23	10,655	21,141	148.75	11,218	26,828
148.24	10,666	21,248	148.76	11,228	26,941
148.25	10,677	21,355	148.77	11,239	27,053
148.26	10,687	21,462	148.78	11,250	27,165
148.27	10,698	21,569	148.79	11,261	27,278
148.28	10,709	21,676	148.80	11,272	27,391
148.29	10,720	21,783	148.81	11,282	27,503
148.30	10,731	21,890	148.82	11,293	27,616
148.31	10,741	21,997	148.83	11,304	27,729
148.32	10,752	22,105	148.84	11,315	27,842
148.33	10,763	22,212	148.85	11,326	27,955
148.34	10,774	22,320	148.86	11,337	28,069
148.35	10,785	22,428	148.87	11,347	28,182
148.36	10,796	22,536	148.88	11,358	28,296
148.37	10,806	22,644	148.89	11,369	28,409
148.38	10,817	22,752	148.90	11,380	28,523
148.39	10,828	22,860	148.91	11,391	28,637
148.40	10,839	22,968	148.92	11,401	28,751
148.41	10,850	23,077	148.93	11,412	28,865
148.42	10,860	23,185	148.94	11,423	28,979
148.43	10,871	23,294	148.95	11,434	29,093
148.44	10,882	23,403	148.96	11,445	29,208
148.45	10,893	23,512	148.97	11,456	29,322
148.46	10,904	23,621	148.98	11,466	29,437
148.47	10,915	23,730	148.99	11,477	29,552
148.48	10,925	23,839	149.00	11,488	29,667
148.49	10,936	23,948			
148.50	10,947	24,058			
148.51	10,958	24,167			
148.52	10,969	24,277			
148.53	10,979	24,387			
148.54	10,990	24,496			
148.55	11,001	24,606			
148.56	11,012	24,717			
148.57	11,023	24,827			
148.58	11,034	24,937			
148.59	11,044	25,047			

Summary for Pond B-25: Basin #25

Inflow Area = 2.500 ac, 34.96% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 22.39 cfs @ 12.17 hrs, Volume= 1.832 af
 Outflow = 12.77 cfs @ 12.31 hrs, Volume= 1.741 af, Atten= 43%, Lag= 8.4 min
 Primary = 12.77 cfs @ 12.31 hrs, Volume= 1.741 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.47' @ 12.31 hrs Surf.Area= 7,884 sf Storage= 21,762 cf

Plug-Flow detention time= 138.1 min calculated for 1.739 af (95% of inflow)
 Center-of-Mass det. time= 110.1 min (890.9 - 780.8)

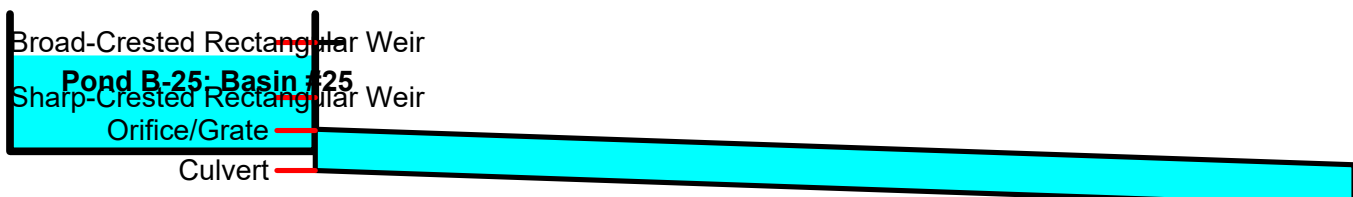
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	34,941 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

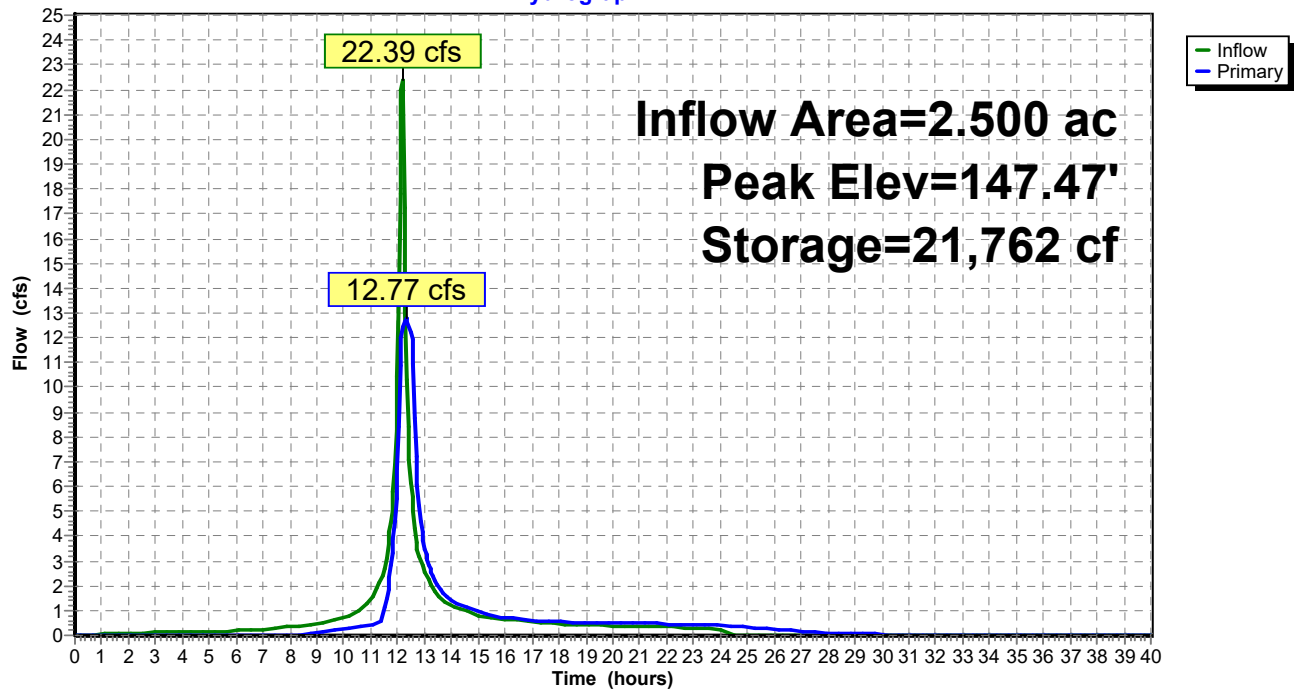
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	4,702	0	0
145.00	5,584	5,143	5,143
146.00	6,492	6,038	11,181
147.00	7,428	6,960	18,141
148.00	8,393	7,911	26,052
149.00	9,386	8,890	34,941

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0070 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.75'	4.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	145.95'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	147.96'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=12.76 cfs @ 12.31 hrs HW=147.47' (Free Discharge)

1=Culvert (Barrel Controls 12.76 cfs @ 7.22 fps)
 2=Orifice/Grate (Passes < 0.85 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 22.58 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-25: Basin #25**Hydrograph**

Hydrograph for Pond B-25: Basin #25

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	1	144.00	0.00
0.60	0.01	4	144.00	0.00
0.70	0.02	10	144.00	0.00
0.80	0.03	19	144.00	0.00
0.90	0.04	31	144.01	0.00
1.00	0.04	45	144.01	0.00
1.10	0.05	62	144.01	0.00
1.20	0.05	81	144.02	0.00
1.30	0.06	101	144.02	0.00
1.40	0.06	124	144.03	0.00
1.50	0.07	148	144.03	0.00
1.60	0.07	173	144.04	0.00
1.70	0.08	200	144.04	0.00
1.80	0.08	227	144.05	0.00
1.90	0.08	256	144.05	0.00
2.00	0.09	287	144.06	0.00
2.10	0.09	318	144.07	0.00
2.20	0.09	350	144.07	0.00
2.30	0.09	383	144.08	0.00
2.40	0.10	417	144.09	0.00
2.50	0.10	452	144.10	0.00
2.60	0.10	487	144.10	0.00
2.70	0.10	524	144.11	0.00
2.80	0.10	561	144.12	0.00
2.90	0.11	599	144.13	0.00
3.00	0.11	637	144.13	0.00
3.10	0.11	676	144.14	0.00
3.20	0.11	716	144.15	0.00
3.30	0.11	757	144.16	0.00
3.40	0.11	797	144.17	0.00
3.50	0.12	839	144.18	0.00
3.60	0.12	881	144.18	0.00
3.70	0.12	924	144.19	0.00
3.80	0.12	967	144.20	0.00
3.90	0.12	1,011	144.21	0.00
4.00	0.12	1,056	144.22	0.00
4.10	0.13	1,100	144.23	0.00
4.20	0.13	1,146	144.24	0.00
4.30	0.13	1,192	144.25	0.00
4.40	0.13	1,238	144.26	0.00
4.50	0.13	1,285	144.27	0.00
4.60	0.13	1,333	144.28	0.00
4.70	0.13	1,380	144.29	0.00
4.80	0.13	1,429	144.30	0.00
4.90	0.14	1,477	144.31	0.00
5.00	0.14	1,527	144.32	0.00
5.10	0.14	1,576	144.33	0.00

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,627	144.34	0.00
5.30	0.14	1,678	144.35	0.00
5.40	0.15	1,731	144.36	0.00
5.50	0.15	1,785	144.37	0.00
5.60	0.16	1,841	144.38	0.00
5.70	0.16	1,898	144.39	0.00
5.80	0.16	1,956	144.40	0.00
5.90	0.17	2,016	144.41	0.00
6.00	0.17	2,077	144.42	0.00
6.10	0.18	2,139	144.44	0.00
6.20	0.18	2,204	144.45	0.00
6.30	0.19	2,271	144.46	0.00
6.40	0.20	2,341	144.48	0.00
6.50	0.21	2,414	144.49	0.00
6.60	0.21	2,489	144.51	0.00
6.70	0.22	2,567	144.52	0.00
6.80	0.23	2,648	144.54	0.00
6.90	0.24	2,732	144.55	0.00
7.00	0.25	2,819	144.57	0.00
7.10	0.25	2,909	144.59	0.00
7.20	0.26	3,002	144.60	0.00
7.30	0.27	3,099	144.62	0.00
7.40	0.28	3,198	144.64	0.00
7.50	0.29	3,301	144.66	0.00
7.60	0.30	3,407	144.68	0.00
7.70	0.31	3,517	144.70	0.00
7.80	0.32	3,630	144.72	0.00
7.90	0.33	3,746	144.74	0.00
8.00	0.34	3,866	144.77	0.00
8.10	0.35	3,988	144.79	0.01
8.20	0.36	4,112	144.81	0.01
8.30	0.37	4,237	144.84	0.02
8.40	0.38	4,363	144.86	0.03
8.50	0.39	4,487	144.88	0.04
8.60	0.40	4,611	144.90	0.06
8.70	0.41	4,733	144.93	0.07
8.80	0.42	4,853	144.95	0.09
8.90	0.43	4,971	144.97	0.11
9.00	0.44	5,087	144.99	0.12
9.10	0.46	5,201	145.01	0.14
9.20	0.48	5,316	145.03	0.16
9.30	0.51	5,434	145.05	0.18
9.40	0.54	5,557	145.07	0.20
9.50	0.57	5,684	145.10	0.21
9.60	0.61	5,817	145.12	0.23
9.70	0.64	5,956	145.14	0.24
9.80	0.67	6,103	145.17	0.26
9.90	0.71	6,256	145.20	0.27
10.00	0.74	6,416	145.22	0.28
10.10	0.77	6,584	145.25	0.30
10.20	0.81	6,759	145.28	0.31
10.30	0.85	6,943	145.31	0.33

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.88	7,135	145.35	0.34
10.50	0.92	7,335	145.38	0.35
10.60	0.98	7,546	145.42	0.37
10.70	1.08	7,781	145.46	0.38
10.80	1.20	8,052	145.50	0.40
10.90	1.33	8,360	145.55	0.42
11.00	1.46	8,709	145.61	0.44
11.10	1.62	9,100	145.67	0.46
11.20	1.84	9,553	145.74	0.48
11.30	2.08	10,081	145.83	0.50
11.40	2.33	10,689	145.92	0.53
11.50	2.58	11,341	146.02	0.83
11.60	3.13	11,941	146.12	1.46
11.70	4.15	12,581	146.21	2.34
11.80	5.05	13,200	146.30	3.33
11.90	6.86	13,902	146.41	4.60
12.00	10.46	14,944	146.56	6.68
12.10	17.83	16,827	146.82	10.90
12.20	21.60	20,073	147.26	12.41
12.30	13.07	21,750	147.47	12.76
12.40	8.40	20,964	147.37	12.60
12.50	6.16	19,074	147.12	12.19
12.60	4.99	16,855	146.82	10.97
12.70	3.77	15,196	146.59	7.21
12.80	3.24	14,236	146.46	5.24
12.90	2.92	13,666	146.37	4.16
13.00	2.63	13,293	146.32	3.50
13.10	2.36	13,020	146.28	3.03
13.20	2.11	12,797	146.24	2.67
13.30	1.93	12,614	146.22	2.39
13.40	1.78	12,463	146.19	2.16
13.50	1.63	12,331	146.17	1.98
13.60	1.48	12,210	146.16	1.81
13.70	1.36	12,096	146.14	1.66
13.80	1.29	11,998	146.12	1.53
13.90	1.25	11,921	146.11	1.44
14.00	1.21	11,861	146.10	1.36
14.10	1.17	11,810	146.10	1.30
14.20	1.13	11,765	146.09	1.25
14.30	1.09	11,723	146.08	1.21
14.40	1.05	11,682	146.08	1.16
14.50	1.01	11,644	146.07	1.12
14.60	0.98	11,606	146.07	1.08
14.70	0.94	11,568	146.06	1.04
14.80	0.90	11,531	146.05	1.00
14.90	0.86	11,495	146.05	0.96
15.00	0.82	11,456	146.04	0.93
15.10	0.78	11,415	146.04	0.89
15.20	0.75	11,374	146.03	0.86
15.30	0.73	11,336	146.02	0.83
15.40	0.72	11,304	146.02	0.80
15.50	0.71	11,278	146.01	0.78

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.70	11,255	146.01	0.76
15.70	0.69	11,235	146.01	0.74
15.80	0.68	11,217	146.01	0.72
15.90	0.67	11,200	146.00	0.71
16.00	0.66	11,185	146.00	0.70
16.10	0.65	11,170	146.00	0.69
16.20	0.64	11,154	146.00	0.68
16.30	0.63	11,138	145.99	0.67
16.40	0.61	11,120	145.99	0.66
16.50	0.60	11,102	145.99	0.66
16.60	0.59	11,083	145.98	0.65
16.70	0.58	11,065	145.98	0.64
16.80	0.57	11,045	145.98	0.63
16.90	0.56	11,026	145.98	0.62
17.00	0.55	11,006	145.97	0.61
17.10	0.54	10,986	145.97	0.60
17.20	0.53	10,966	145.97	0.59
17.30	0.52	10,945	145.96	0.58
17.40	0.51	10,925	145.96	0.57
17.50	0.50	10,904	145.96	0.56
17.60	0.49	10,883	145.95	0.55
17.70	0.48	10,862	145.95	0.54
17.80	0.47	10,840	145.95	0.53
17.90	0.46	10,815	145.94	0.53
18.00	0.45	10,787	145.94	0.53
18.10	0.44	10,755	145.93	0.53
18.20	0.43	10,720	145.93	0.53
18.30	0.42	10,683	145.92	0.53
18.40	0.42	10,646	145.92	0.53
18.50	0.42	10,608	145.91	0.52
18.60	0.42	10,570	145.91	0.52
18.70	0.41	10,531	145.90	0.52
18.80	0.41	10,492	145.89	0.52
18.90	0.41	10,453	145.89	0.52
19.00	0.41	10,413	145.88	0.52
19.10	0.40	10,373	145.87	0.51
19.20	0.40	10,333	145.87	0.51
19.30	0.40	10,293	145.86	0.51
19.40	0.40	10,252	145.86	0.51
19.50	0.39	10,211	145.85	0.51
19.60	0.39	10,169	145.84	0.51
19.70	0.39	10,128	145.84	0.50
19.80	0.39	10,086	145.83	0.50
19.90	0.38	10,044	145.82	0.50
20.00	0.38	10,002	145.82	0.50
20.10	0.38	9,959	145.81	0.50
20.20	0.37	9,916	145.80	0.49
20.30	0.37	9,873	145.80	0.49
20.40	0.37	9,829	145.79	0.49
20.50	0.37	9,786	145.78	0.49
20.60	0.36	9,742	145.77	0.49
20.70	0.36	9,698	145.77	0.48

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.36	9,654	145.76	0.48
20.90	0.36	9,609	145.75	0.48
21.00	0.35	9,565	145.75	0.48
21.10	0.35	9,520	145.74	0.48
21.20	0.35	9,475	145.73	0.47
21.30	0.35	9,430	145.72	0.47
21.40	0.34	9,385	145.72	0.47
21.50	0.34	9,339	145.71	0.47
21.60	0.34	9,294	145.70	0.47
21.70	0.34	9,248	145.70	0.46
21.80	0.33	9,202	145.69	0.46
21.90	0.33	9,156	145.68	0.46
22.00	0.33	9,110	145.67	0.46
22.10	0.32	9,064	145.67	0.45
22.20	0.32	9,017	145.66	0.45
22.30	0.32	8,971	145.65	0.45
22.40	0.32	8,925	145.64	0.45
22.50	0.31	8,878	145.64	0.44
22.60	0.31	8,831	145.63	0.44
22.70	0.31	8,785	145.62	0.44
22.80	0.31	8,738	145.61	0.44
22.90	0.30	8,691	145.61	0.43
23.00	0.30	8,644	145.60	0.43
23.10	0.30	8,598	145.59	0.43
23.20	0.30	8,551	145.58	0.43
23.30	0.29	8,503	145.57	0.42
23.40	0.29	8,456	145.57	0.42
23.50	0.29	8,409	145.56	0.42
23.60	0.29	8,362	145.55	0.42
23.70	0.28	8,315	145.54	0.41
23.80	0.28	8,268	145.54	0.41
23.90	0.28	8,221	145.53	0.41
24.00	0.29	8,176	145.52	0.41
24.10	0.25	8,133	145.51	0.40
24.20	0.07	8,043	145.50	0.40
24.30	0.02	7,915	145.48	0.39
24.40	0.00	7,779	145.46	0.38
24.50	0.00	7,643	145.43	0.37
24.60	0.00	7,510	145.41	0.37
24.70	0.00	7,380	145.39	0.36
24.80	0.00	7,253	145.37	0.35
24.90	0.00	7,129	145.35	0.34
25.00	0.00	7,009	145.33	0.33
25.10	0.00	6,891	145.31	0.32
25.20	0.00	6,777	145.29	0.31
25.30	0.00	6,665	145.27	0.30
25.40	0.00	6,557	145.25	0.30
25.50	0.00	6,452	145.23	0.29
25.60	0.00	6,350	145.21	0.28
25.70	0.00	6,251	145.20	0.27
25.80	0.00	6,156	145.18	0.26
25.90	0.00	6,063	145.16	0.25

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,974	145.15	0.24
26.10	0.00	5,888	145.13	0.23
26.20	0.00	5,805	145.12	0.23
26.30	0.00	5,725	145.10	0.22
26.40	0.00	5,648	145.09	0.21
26.50	0.00	5,575	145.08	0.20
26.60	0.00	5,506	145.06	0.19
26.70	0.00	5,440	145.05	0.18
26.80	0.00	5,377	145.04	0.17
26.90	0.00	5,318	145.03	0.16
27.00	0.00	5,262	145.02	0.15
27.10	0.00	5,209	145.01	0.14
27.20	0.00	5,158	145.00	0.14
27.30	0.00	5,111	144.99	0.13
27.40	0.00	5,066	144.99	0.12
27.50	0.00	5,023	144.98	0.12
27.60	0.00	4,983	144.97	0.11
27.70	0.00	4,945	144.96	0.10
27.80	0.00	4,909	144.96	0.10
27.90	0.00	4,874	144.95	0.09
28.00	0.00	4,842	144.95	0.09
28.10	0.00	4,811	144.94	0.08
28.20	0.00	4,781	144.93	0.08
28.30	0.00	4,753	144.93	0.08
28.40	0.00	4,726	144.92	0.07
28.50	0.00	4,701	144.92	0.07
28.60	0.00	4,676	144.92	0.07
28.70	0.00	4,653	144.91	0.06
28.80	0.00	4,631	144.91	0.06
28.90	0.00	4,610	144.90	0.06
29.00	0.00	4,590	144.90	0.05
29.10	0.00	4,571	144.90	0.05
29.20	0.00	4,552	144.89	0.05
29.30	0.00	4,534	144.89	0.05
29.40	0.00	4,517	144.89	0.05
29.50	0.00	4,501	144.88	0.05
29.60	0.00	4,485	144.88	0.04
29.70	0.00	4,469	144.88	0.04
29.80	0.00	4,455	144.88	0.04
29.90	0.00	4,440	144.87	0.04
30.00	0.00	4,427	144.87	0.04
30.10	0.00	4,414	144.87	0.04
30.20	0.00	4,401	144.87	0.03
30.30	0.00	4,389	144.86	0.03
30.40	0.00	4,377	144.86	0.03
30.50	0.00	4,366	144.86	0.03
30.60	0.00	4,355	144.86	0.03
30.70	0.00	4,344	144.86	0.03
30.80	0.00	4,334	144.85	0.03
30.90	0.00	4,325	144.85	0.03
31.00	0.00	4,315	144.85	0.03
31.10	0.00	4,306	144.85	0.02

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,297	144.85	0.02
31.30	0.00	4,289	144.85	0.02
31.40	0.00	4,280	144.84	0.02
31.50	0.00	4,272	144.84	0.02
31.60	0.00	4,264	144.84	0.02
31.70	0.00	4,256	144.84	0.02
31.80	0.00	4,249	144.84	0.02
31.90	0.00	4,241	144.84	0.02
32.00	0.00	4,234	144.84	0.02
32.10	0.00	4,227	144.83	0.02
32.20	0.00	4,220	144.83	0.02
32.30	0.00	4,213	144.83	0.02
32.40	0.00	4,207	144.83	0.02
32.50	0.00	4,201	144.83	0.02
32.60	0.00	4,194	144.83	0.02
32.70	0.00	4,188	144.83	0.02
32.80	0.00	4,182	144.83	0.02
32.90	0.00	4,177	144.82	0.02
33.00	0.00	4,171	144.82	0.02
33.10	0.00	4,165	144.82	0.02
33.20	0.00	4,160	144.82	0.01
33.30	0.00	4,155	144.82	0.01
33.40	0.00	4,150	144.82	0.01
33.50	0.00	4,145	144.82	0.01
33.60	0.00	4,140	144.82	0.01
33.70	0.00	4,135	144.82	0.01
33.80	0.00	4,131	144.82	0.01
33.90	0.00	4,126	144.82	0.01
34.00	0.00	4,122	144.81	0.01
34.10	0.00	4,117	144.81	0.01
34.20	0.00	4,113	144.81	0.01
34.30	0.00	4,109	144.81	0.01
34.40	0.00	4,105	144.81	0.01
34.50	0.00	4,101	144.81	0.01
34.60	0.00	4,097	144.81	0.01
34.70	0.00	4,094	144.81	0.01
34.80	0.00	4,090	144.81	0.01
34.90	0.00	4,087	144.81	0.01
35.00	0.00	4,083	144.81	0.01
35.10	0.00	4,080	144.81	0.01
35.20	0.00	4,077	144.81	0.01
35.30	0.00	4,073	144.81	0.01
35.40	0.00	4,070	144.80	0.01
35.50	0.00	4,067	144.80	0.01
35.60	0.00	4,064	144.80	0.01
35.70	0.00	4,062	144.80	0.01
35.80	0.00	4,059	144.80	0.01
35.90	0.00	4,056	144.80	0.01
36.00	0.00	4,053	144.80	0.01
36.10	0.00	4,051	144.80	0.01
36.20	0.00	4,048	144.80	0.01
36.30	0.00	4,046	144.80	0.01

Hydrograph for Pond B-25: Basin #25 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,043	144.80	0.01
36.50	0.00	4,041	144.80	0.01
36.60	0.00	4,039	144.80	0.01
36.70	0.00	4,036	144.80	0.01
36.80	0.00	4,034	144.80	0.01
36.90	0.00	4,032	144.80	0.01
37.00	0.00	4,029	144.80	0.01
37.10	0.00	4,027	144.80	0.01
37.20	0.00	4,025	144.80	0.01
37.30	0.00	4,023	144.80	0.01
37.40	0.00	4,020	144.80	0.01
37.50	0.00	4,018	144.80	0.01
37.60	0.00	4,016	144.79	0.01
37.70	0.00	4,014	144.79	0.01
37.80	0.00	4,012	144.79	0.01
37.90	0.00	4,010	144.79	0.01
38.00	0.00	4,008	144.79	0.01
38.10	0.00	4,006	144.79	0.01
38.20	0.00	4,003	144.79	0.01
38.30	0.00	4,001	144.79	0.01
38.40	0.00	3,999	144.79	0.01
38.50	0.00	3,997	144.79	0.01
38.60	0.00	3,995	144.79	0.01
38.70	0.00	3,993	144.79	0.01
38.80	0.00	3,992	144.79	0.01
38.90	0.00	3,990	144.79	0.01
39.00	0.00	3,988	144.79	0.01
39.10	0.00	3,986	144.79	0.01
39.20	0.00	3,984	144.79	0.01
39.30	0.00	3,982	144.79	0.01
39.40	0.00	3,980	144.79	0.01
39.50	0.00	3,978	144.79	0.01
39.60	0.00	3,977	144.79	0.01
39.70	0.00	3,975	144.79	0.00
39.80	0.00	3,973	144.79	0.00
39.90	0.00	3,971	144.79	0.00
40.00	0.00	3,970	144.79	0.00

Stage-Discharge for Pond B-25: Basin #25

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.17	145.56	0.42
144.01	0.00	144.53	0.00	145.05	0.18	145.57	0.42
144.02	0.00	144.54	0.00	145.06	0.19	145.58	0.43
144.03	0.00	144.55	0.00	145.07	0.19	145.59	0.43
144.04	0.00	144.56	0.00	145.08	0.20	145.60	0.43
144.05	0.00	144.57	0.00	145.09	0.21	145.61	0.44
144.06	0.00	144.58	0.00	145.10	0.22	145.62	0.44
144.07	0.00	144.59	0.00	145.11	0.22	145.63	0.44
144.08	0.00	144.60	0.00	145.12	0.23	145.64	0.45
144.09	0.00	144.61	0.00	145.13	0.23	145.65	0.45
144.10	0.00	144.62	0.00	145.14	0.24	145.66	0.45
144.11	0.00	144.63	0.00	145.15	0.25	145.67	0.46
144.12	0.00	144.64	0.00	145.16	0.25	145.68	0.46
144.13	0.00	144.65	0.00	145.17	0.26	145.69	0.46
144.14	0.00	144.66	0.00	145.18	0.26	145.70	0.46
144.15	0.00	144.67	0.00	145.19	0.27	145.71	0.47
144.16	0.00	144.68	0.00	145.20	0.27	145.72	0.47
144.17	0.00	144.69	0.00	145.21	0.28	145.73	0.47
144.18	0.00	144.70	0.00	145.22	0.28	145.74	0.48
144.19	0.00	144.71	0.00	145.23	0.29	145.75	0.48
144.20	0.00	144.72	0.00	145.24	0.29	145.76	0.48
144.21	0.00	144.73	0.00	145.25	0.30	145.77	0.49
144.22	0.00	144.74	0.00	145.26	0.30	145.78	0.49
144.23	0.00	144.75	0.00	145.27	0.31	145.79	0.49
144.24	0.00	144.76	0.00	145.28	0.31	145.80	0.49
144.25	0.00	144.77	0.00	145.29	0.32	145.81	0.50
144.26	0.00	144.78	0.00	145.30	0.32	145.82	0.50
144.27	0.00	144.79	0.00	145.31	0.32	145.83	0.50
144.28	0.00	144.80	0.01	145.32	0.33	145.84	0.51
144.29	0.00	144.81	0.01	145.33	0.33	145.85	0.51
144.30	0.00	144.82	0.01	145.34	0.34	145.86	0.51
144.31	0.00	144.83	0.02	145.35	0.34	145.87	0.51
144.32	0.00	144.84	0.02	145.36	0.35	145.88	0.52
144.33	0.00	144.85	0.03	145.37	0.35	145.89	0.52
144.34	0.00	144.86	0.03	145.38	0.35	145.90	0.52
144.35	0.00	144.87	0.04	145.39	0.36	145.91	0.52
144.36	0.00	144.88	0.04	145.40	0.36	145.92	0.53
144.37	0.00	144.89	0.05	145.41	0.37	145.93	0.53
144.38	0.00	144.90	0.05	145.42	0.37	145.94	0.53
144.39	0.00	144.91	0.06	145.43	0.37	145.95	0.54
144.40	0.00	144.92	0.07	145.44	0.38	145.96	0.55
144.41	0.00	144.93	0.08	145.45	0.38	145.97	0.58
144.42	0.00	144.94	0.08	145.46	0.38	145.98	0.61
144.43	0.00	144.95	0.09	145.47	0.39	145.99	0.65
144.44	0.00	144.96	0.10	145.48	0.39	146.00	0.69
144.45	0.00	144.97	0.11	145.49	0.40	146.01	0.74
144.46	0.00	144.98	0.12	145.50	0.40	146.02	0.79
144.47	0.00	144.99	0.12	145.51	0.40	146.03	0.85
144.48	0.00	145.00	0.13	145.52	0.41	146.04	0.91
144.49	0.00	145.01	0.14	145.53	0.41	146.05	0.97
144.50	0.00	145.02	0.15	145.54	0.41	146.06	1.04
144.51	0.00	145.03	0.16	145.55	0.42	146.07	1.11

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	1.18	146.60	7.32	147.12	12.19	147.64	13.03
146.09	1.25	146.61	7.47	147.13	12.20	147.65	13.05
146.10	1.33	146.62	7.62	147.14	12.22	147.66	13.06
146.11	1.41	146.63	7.78	147.15	12.24	147.67	13.08
146.12	1.49	146.64	7.93	147.16	12.25	147.68	13.10
146.13	1.57	146.65	8.09	147.17	12.27	147.69	13.11
146.14	1.66	146.66	8.25	147.18	12.29	147.70	13.13
146.15	1.74	146.67	8.40	147.19	12.30	147.71	13.14
146.16	1.83	146.68	8.56	147.20	12.32	147.72	13.16
146.17	1.93	146.69	8.72	147.21	12.34	147.73	13.17
146.18	2.02	146.70	8.88	147.22	12.35	147.74	13.19
146.19	2.11	146.71	9.04	147.23	12.37	147.75	13.21
146.20	2.21	146.72	9.21	147.24	12.39	147.76	13.22
146.21	2.31	146.73	9.37	147.25	12.40	147.77	13.24
146.22	2.41	146.74	9.54	147.26	12.42	147.78	13.25
146.23	2.52	146.75	9.70	147.27	12.44	147.79	13.27
146.24	2.62	146.76	9.87	147.28	12.45	147.80	13.28
146.25	2.73	146.77	10.03	147.29	12.47	147.81	13.30
146.26	2.83	146.78	10.20	147.30	12.49	147.82	13.31
146.27	2.94	146.79	10.37	147.31	12.50	147.83	13.33
146.28	3.05	146.80	10.54	147.32	12.52	147.84	13.34
146.29	3.17	146.81	10.71	147.33	12.54	147.85	13.36
146.30	3.28	146.82	10.88	147.34	12.55	147.86	13.37
146.31	3.40	146.83	11.05	147.35	12.57	147.87	13.39
146.32	3.51	146.84	11.23	147.36	12.58	147.88	13.41
146.33	3.63	146.85	11.40	147.37	12.60	147.89	13.42
146.34	3.75	146.86	11.58	147.38	12.62	147.90	13.44
146.35	3.87	146.87	11.75	147.39	12.63	147.91	13.45
146.36	4.00	146.88	11.78	147.40	12.65	147.92	13.47
146.37	4.12	146.89	11.79	147.41	12.67	147.93	13.48
146.38	4.25	146.90	11.81	147.42	12.68	147.94	13.50
146.39	4.37	146.91	11.83	147.43	12.70	147.95	13.51
146.40	4.50	146.92	11.85	147.44	12.71	147.96	13.53
146.41	4.63	146.93	11.86	147.45	12.73	147.97	13.66
146.42	4.76	146.94	11.88	147.46	12.75	147.98	13.89
146.43	4.90	146.95	11.90	147.47	12.76	147.99	14.18
146.44	5.03	146.96	11.91	147.48	12.78	148.00	14.53
146.45	5.16	146.97	11.93	147.49	12.79	148.01	14.91
146.46	5.30	146.98	11.95	147.50	12.81	148.02	15.34
146.47	5.44	146.99	11.97	147.51	12.83	148.03	15.81
146.48	5.57	147.00	11.98	147.52	12.84	148.04	16.31
146.49	5.71	147.01	12.00	147.53	12.86	148.05	16.84
146.50	5.85	147.02	12.02	147.54	12.87	148.06	17.40
146.51	5.99	147.03	12.03	147.55	12.89	148.07	17.98
146.52	6.14	147.04	12.05	147.56	12.91	148.08	18.60
146.53	6.28	147.05	12.07	147.57	12.92	148.09	19.24
146.54	6.43	147.06	12.09	147.58	12.94	148.10	19.91
146.55	6.57	147.07	12.10	147.59	12.95	148.11	20.60
146.56	6.72	147.08	12.12	147.60	12.97	148.12	21.31
146.57	6.87	147.09	12.14	147.61	12.99	148.13	22.05
146.58	7.02	147.10	12.15	147.62	13.00	148.14	22.81
146.59	7.17	147.11	12.17	147.63	13.02	148.15	23.59

Stage-Discharge for Pond B-25: Basin #25 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	24.39	148.68	99.53
148.17	25.25	148.69	101.32
148.18	26.14	148.70	103.13
148.19	27.05	148.71	104.96
148.20	27.99	148.72	106.79
148.21	28.95	148.73	108.64
148.22	29.94	148.74	110.50
148.23	30.96	148.75	112.37
148.24	31.99	148.76	114.26
148.25	33.06	148.77	116.19
148.26	34.14	148.78	118.14
148.27	35.26	148.79	120.10
148.28	36.39	148.80	122.07
148.29	37.55	148.81	124.06
148.30	38.74	148.82	126.05
148.31	39.94	148.83	128.07
148.32	41.18	148.84	130.09
148.33	42.43	148.85	132.13
148.34	43.72	148.86	134.18
148.35	45.02	148.87	136.25
148.36	46.35	148.88	138.33
148.37	47.73	148.89	140.42
148.38	49.14	148.90	142.52
148.39	50.57	148.91	144.63
148.40	52.03	148.92	146.76
148.41	53.51	148.93	148.90
148.42	55.02	148.94	151.06
148.43	56.56	148.95	153.22
148.44	58.12	148.96	155.40
148.45	59.71	148.97	157.54
148.46	61.33	148.98	159.69
148.47	62.97	148.99	161.84
148.48	64.64	149.00	164.01
148.49	66.34		
148.50	68.06		
148.51	69.81		
148.52	71.59		
148.53	73.39		
148.54	75.22		
148.55	77.07		
148.56	78.96		
148.57	80.60		
148.58	82.25		
148.59	83.92		
148.60	85.60		
148.61	87.30		
148.62	89.01		
148.63	90.73		
148.64	92.46		
148.65	94.21		
148.66	95.97		
148.67	97.74		

Stage-Area-Storage for Pond B-25: Basin #25

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	4,702	0	144.52	5,161	2,564
144.01	4,711	47	144.53	5,169	2,616
144.02	4,720	94	144.54	5,178	2,668
144.03	4,728	141	144.55	5,187	2,720
144.04	4,737	189	144.56	5,196	2,771
144.05	4,746	236	144.57	5,205	2,823
144.06	4,755	284	144.58	5,214	2,876
144.07	4,764	331	144.59	5,222	2,928
144.08	4,773	379	144.60	5,231	2,980
144.09	4,781	427	144.61	5,240	3,032
144.10	4,790	475	144.62	5,249	3,085
144.11	4,799	523	144.63	5,258	3,137
144.12	4,808	571	144.64	5,266	3,190
144.13	4,817	619	144.65	5,275	3,243
144.14	4,825	667	144.66	5,284	3,295
144.15	4,834	715	144.67	5,293	3,348
144.16	4,843	764	144.68	5,302	3,401
144.17	4,852	812	144.69	5,311	3,454
144.18	4,861	861	144.70	5,319	3,507
144.19	4,870	909	144.71	5,328	3,561
144.20	4,878	958	144.72	5,337	3,614
144.21	4,887	1,007	144.73	5,346	3,667
144.22	4,896	1,056	144.74	5,355	3,721
144.23	4,905	1,105	144.75	5,364	3,775
144.24	4,914	1,154	144.76	5,372	3,828
144.25	4,923	1,203	144.77	5,381	3,882
144.26	4,931	1,252	144.78	5,390	3,936
144.27	4,940	1,302	144.79	5,399	3,990
144.28	4,949	1,351	144.80	5,408	4,044
144.29	4,958	1,401	144.81	5,416	4,098
144.30	4,967	1,450	144.82	5,425	4,152
144.31	4,975	1,500	144.83	5,434	4,206
144.32	4,984	1,550	144.84	5,443	4,261
144.33	4,993	1,600	144.85	5,452	4,315
144.34	5,002	1,650	144.86	5,461	4,370
144.35	5,011	1,700	144.87	5,469	4,425
144.36	5,020	1,750	144.88	5,478	4,479
144.37	5,028	1,800	144.89	5,487	4,534
144.38	5,037	1,850	144.90	5,496	4,589
144.39	5,046	1,901	144.91	5,505	4,644
144.40	5,055	1,951	144.92	5,513	4,699
144.41	5,064	2,002	144.93	5,522	4,754
144.42	5,072	2,053	144.94	5,531	4,810
144.43	5,081	2,103	144.95	5,540	4,865
144.44	5,090	2,154	144.96	5,549	4,920
144.45	5,099	2,205	144.97	5,558	4,976
144.46	5,108	2,256	144.98	5,566	5,031
144.47	5,117	2,307	144.99	5,575	5,087
144.48	5,125	2,359	145.00	5,584	5,143
144.49	5,134	2,410	145.01	5,593	5,199
144.50	5,143	2,461	145.02	5,602	5,255
144.51	5,152	2,513	145.03	5,611	5,311

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,620	5,367	145.56	6,092	8,412
145.05	5,629	5,423	145.57	6,102	8,473
145.06	5,638	5,480	145.58	6,111	8,534
145.07	5,648	5,536	145.59	6,120	8,596
145.08	5,657	5,593	145.60	6,129	8,657
145.09	5,666	5,649	145.61	6,138	8,718
145.10	5,675	5,706	145.62	6,147	8,780
145.11	5,684	5,763	145.63	6,156	8,841
145.12	5,693	5,820	145.64	6,165	8,903
145.13	5,702	5,877	145.65	6,174	8,964
145.14	5,711	5,934	145.66	6,183	9,026
145.15	5,720	5,991	145.67	6,192	9,088
145.16	5,729	6,048	145.68	6,201	9,150
145.17	5,738	6,105	145.69	6,211	9,212
145.18	5,747	6,163	145.70	6,220	9,274
145.19	5,757	6,220	145.71	6,229	9,337
145.20	5,766	6,278	145.72	6,238	9,399
145.21	5,775	6,336	145.73	6,247	9,461
145.22	5,784	6,393	145.74	6,256	9,524
145.23	5,793	6,451	145.75	6,265	9,586
145.24	5,802	6,509	145.76	6,274	9,649
145.25	5,811	6,567	145.77	6,283	9,712
145.26	5,820	6,626	145.78	6,292	9,775
145.27	5,829	6,684	145.79	6,301	9,838
145.28	5,838	6,742	145.80	6,310	9,901
145.29	5,847	6,801	145.81	6,319	9,964
145.30	5,856	6,859	145.82	6,329	10,027
145.31	5,865	6,918	145.83	6,338	10,090
145.32	5,875	6,976	145.84	6,347	10,154
145.33	5,884	7,035	145.85	6,356	10,217
145.34	5,893	7,094	145.86	6,365	10,281
145.35	5,902	7,153	145.87	6,374	10,345
145.36	5,911	7,212	145.88	6,383	10,408
145.37	5,920	7,271	145.89	6,392	10,472
145.38	5,929	7,330	145.90	6,401	10,536
145.39	5,938	7,390	145.91	6,410	10,600
145.40	5,947	7,449	145.92	6,419	10,665
145.41	5,956	7,509	145.93	6,428	10,729
145.42	5,965	7,568	145.94	6,438	10,793
145.43	5,974	7,628	145.95	6,447	10,858
145.44	5,984	7,688	145.96	6,456	10,922
145.45	5,993	7,748	145.97	6,465	10,987
145.46	6,002	7,808	145.98	6,474	11,051
145.47	6,011	7,868	145.99	6,483	11,116
145.48	6,020	7,928	146.00	6,492	11,181
145.49	6,029	7,988	146.01	6,501	11,246
145.50	6,038	8,049	146.02	6,511	11,311
145.51	6,047	8,109	146.03	6,520	11,376
145.52	6,056	8,169	146.04	6,529	11,441
145.53	6,065	8,230	146.05	6,539	11,507
145.54	6,074	8,291	146.06	6,548	11,572
145.55	6,083	8,352	146.07	6,558	11,638

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,567	11,703	146.60	7,054	15,245
146.09	6,576	11,769	146.61	7,063	15,315
146.10	6,586	11,835	146.62	7,072	15,386
146.11	6,595	11,901	146.63	7,082	15,457
146.12	6,604	11,967	146.64	7,091	15,528
146.13	6,614	12,033	146.65	7,100	15,599
146.14	6,623	12,099	146.66	7,110	15,670
146.15	6,632	12,165	146.67	7,119	15,741
146.16	6,642	12,232	146.68	7,128	15,812
146.17	6,651	12,298	146.69	7,138	15,883
146.18	6,660	12,365	146.70	7,147	15,955
146.19	6,670	12,431	146.71	7,157	16,026
146.20	6,679	12,498	146.72	7,166	16,098
146.21	6,689	12,565	146.73	7,175	16,170
146.22	6,698	12,632	146.74	7,185	16,241
146.23	6,707	12,699	146.75	7,194	16,313
146.24	6,717	12,766	146.76	7,203	16,385
146.25	6,726	12,833	146.77	7,213	16,457
146.26	6,735	12,901	146.78	7,222	16,529
146.27	6,745	12,968	146.79	7,231	16,602
146.28	6,754	13,035	146.80	7,241	16,674
146.29	6,763	13,103	146.81	7,250	16,747
146.30	6,773	13,171	146.82	7,260	16,819
146.31	6,782	13,238	146.83	7,269	16,892
146.32	6,792	13,306	146.84	7,278	16,965
146.33	6,801	13,374	146.85	7,288	17,037
146.34	6,810	13,442	146.86	7,297	17,110
146.35	6,820	13,511	146.87	7,306	17,183
146.36	6,829	13,579	146.88	7,316	17,256
146.37	6,838	13,647	146.89	7,325	17,330
146.38	6,848	13,716	146.90	7,334	17,403
146.39	6,857	13,784	146.91	7,344	17,476
146.40	6,866	13,853	146.92	7,353	17,550
146.41	6,876	13,921	146.93	7,362	17,623
146.42	6,885	13,990	146.94	7,372	17,697
146.43	6,894	14,059	146.95	7,381	17,771
146.44	6,904	14,128	146.96	7,391	17,845
146.45	6,913	14,197	146.97	7,400	17,919
146.46	6,923	14,266	146.98	7,409	17,993
146.47	6,932	14,336	146.99	7,419	18,067
146.48	6,941	14,405	147.00	7,428	18,141
146.49	6,951	14,474	147.01	7,438	18,215
146.50	6,960	14,544	147.02	7,447	18,290
146.51	6,969	14,614	147.03	7,457	18,364
146.52	6,979	14,683	147.04	7,467	18,439
146.53	6,988	14,753	147.05	7,476	18,514
146.54	6,997	14,823	147.06	7,486	18,588
146.55	7,007	14,893	147.07	7,496	18,663
146.56	7,016	14,963	147.08	7,505	18,738
146.57	7,026	15,033	147.09	7,515	18,813
146.58	7,035	15,104	147.10	7,524	18,889
146.59	7,044	15,174	147.11	7,534	18,964

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,544	19,039	147.64	8,046	23,093
147.13	7,553	19,115	147.65	8,055	23,173
147.14	7,563	19,190	147.66	8,065	23,254
147.15	7,573	19,266	147.67	8,075	23,334
147.16	7,582	19,342	147.68	8,084	23,415
147.17	7,592	19,418	147.69	8,094	23,496
147.18	7,602	19,494	147.70	8,103	23,577
147.19	7,611	19,570	147.71	8,113	23,658
147.20	7,621	19,646	147.72	8,123	23,739
147.21	7,631	19,722	147.73	8,132	23,821
147.22	7,640	19,799	147.74	8,142	23,902
147.23	7,650	19,875	147.75	8,152	23,983
147.24	7,660	19,952	147.76	8,161	24,065
147.25	7,669	20,028	147.77	8,171	24,147
147.26	7,679	20,105	147.78	8,181	24,228
147.27	7,689	20,182	147.79	8,190	24,310
147.28	7,698	20,259	147.80	8,200	24,392
147.29	7,708	20,336	147.81	8,210	24,474
147.30	7,718	20,413	147.82	8,219	24,556
147.31	7,727	20,490	147.83	8,229	24,639
147.32	7,737	20,567	147.84	8,239	24,721
147.33	7,746	20,645	147.85	8,248	24,803
147.34	7,756	20,722	147.86	8,258	24,886
147.35	7,766	20,800	147.87	8,268	24,969
147.36	7,775	20,878	147.88	8,277	25,051
147.37	7,785	20,955	147.89	8,287	25,134
147.38	7,795	21,033	147.90	8,297	25,217
147.39	7,804	21,111	147.91	8,306	25,300
147.40	7,814	21,189	147.92	8,316	25,383
147.41	7,824	21,268	147.93	8,325	25,466
147.42	7,833	21,346	147.94	8,335	25,550
147.43	7,843	21,424	147.95	8,345	25,633
147.44	7,853	21,503	147.96	8,354	25,717
147.45	7,862	21,581	147.97	8,364	25,800
147.46	7,872	21,660	147.98	8,374	25,884
147.47	7,882	21,739	147.99	8,383	25,968
147.48	7,891	21,818	148.00	8,393	26,052
147.49	7,901	21,897	148.01	8,403	26,135
147.50	7,911	21,976	148.02	8,413	26,220
147.51	7,920	22,055	148.03	8,423	26,304
147.52	7,930	22,134	148.04	8,433	26,388
147.53	7,939	22,213	148.05	8,443	26,472
147.54	7,949	22,293	148.06	8,453	26,557
147.55	7,959	22,372	148.07	8,463	26,641
147.56	7,968	22,452	148.08	8,472	26,726
147.57	7,978	22,532	148.09	8,482	26,811
147.58	7,988	22,612	148.10	8,492	26,896
147.59	7,997	22,691	148.11	8,502	26,981
147.60	8,007	22,771	148.12	8,512	27,066
147.61	8,017	22,852	148.13	8,522	27,151
147.62	8,026	22,932	148.14	8,532	27,236
147.63	8,036	23,012	148.15	8,542	27,322

Stage-Area-Storage for Pond B-25: Basin #25 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	8,552	27,407	148.68	9,068	31,988
148.17	8,562	27,493	148.69	9,078	32,079
148.18	8,572	27,578	148.70	9,088	32,170
148.19	8,582	27,664	148.71	9,098	32,261
148.20	8,592	27,750	148.72	9,108	32,352
148.21	8,602	27,836	148.73	9,118	32,443
148.22	8,611	27,922	148.74	9,128	32,534
148.23	8,621	28,008	148.75	9,138	32,626
148.24	8,631	28,094	148.76	9,148	32,717
148.25	8,641	28,181	148.77	9,158	32,808
148.26	8,651	28,267	148.78	9,168	32,900
148.27	8,661	28,354	148.79	9,177	32,992
148.28	8,671	28,440	148.80	9,187	33,084
148.29	8,681	28,527	148.81	9,197	33,176
148.30	8,691	28,614	148.82	9,207	33,268
148.31	8,701	28,701	148.83	9,217	33,360
148.32	8,711	28,788	148.84	9,227	33,452
148.33	8,721	28,875	148.85	9,237	33,544
148.34	8,731	28,963	148.86	9,247	33,637
148.35	8,741	29,050	148.87	9,257	33,729
148.36	8,750	29,137	148.88	9,267	33,822
148.37	8,760	29,225	148.89	9,277	33,915
148.38	8,770	29,313	148.90	9,287	34,007
148.39	8,780	29,400	148.91	9,297	34,100
148.40	8,790	29,488	148.92	9,307	34,193
148.41	8,800	29,576	148.93	9,316	34,286
148.42	8,810	29,664	148.94	9,326	34,380
148.43	8,820	29,752	148.95	9,336	34,473
148.44	8,830	29,841	148.96	9,346	34,566
148.45	8,840	29,929	148.97	9,356	34,660
148.46	8,850	30,017	148.98	9,366	34,753
148.47	8,860	30,106	148.99	9,376	34,847
148.48	8,870	30,195	149.00	9,386	34,941
148.49	8,880	30,283			
148.50	8,890	30,372			
148.51	8,899	30,461			
148.52	8,909	30,550			
148.53	8,919	30,639			
148.54	8,929	30,728			
148.55	8,939	30,818			
148.56	8,949	30,907			
148.57	8,959	30,997			
148.58	8,969	31,086			
148.59	8,979	31,176			
148.60	8,989	31,266			
148.61	8,999	31,356			
148.62	9,009	31,446			
148.63	9,019	31,536			
148.64	9,029	31,626			
148.65	9,038	31,717			
148.66	9,048	31,807			
148.67	9,058	31,898			

Summary for Pond B-26: Basin #26

Inflow Area = 2.366 ac, 39.90% Impervious, Inflow Depth = 8.95" for Future 100 yr event
 Inflow = 21.40 cfs @ 12.17 hrs, Volume= 1.764 af
 Outflow = 11.90 cfs @ 12.31 hrs, Volume= 1.643 af, Atten= 44%, Lag= 8.6 min
 Primary = 11.90 cfs @ 12.31 hrs, Volume= 1.643 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 147.57' @ 12.31 hrs Surf.Area= 7,329 sf Storage= 22,791 cf

Plug-Flow detention time= 194.7 min calculated for 1.641 af (93% of inflow)
 Center-of-Mass det. time= 157.6 min (934.8 - 777.2)

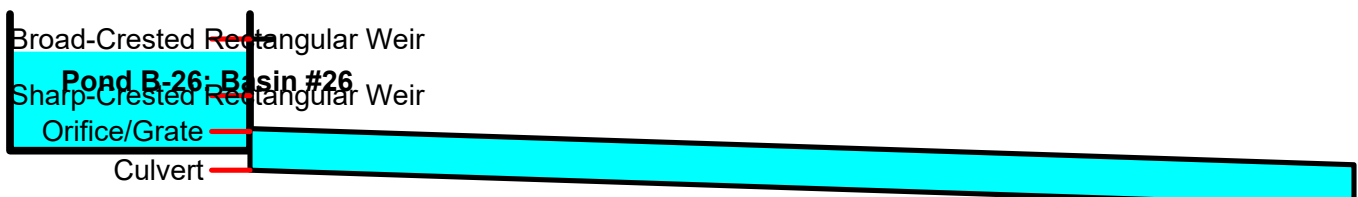
Volume	Invert	Avail.Storage	Storage Description
#1	144.00'	33,435 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
144.00	5,466	0	0
145.00	5,967	5,717	5,717
146.00	6,486	6,227	11,943
147.00	7,018	6,752	18,695
148.00	7,563	7,291	25,986
148.95	8,120	7,449	33,435

Device	Routing	Invert	Outlet Devices
#1	Primary	143.30'	18.0" Round Culvert L= 234.0' Ke= 0.500 Inlet / Outlet Invert= 143.30' / 142.00' S= 0.0056 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	144.70'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	146.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	148.05'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

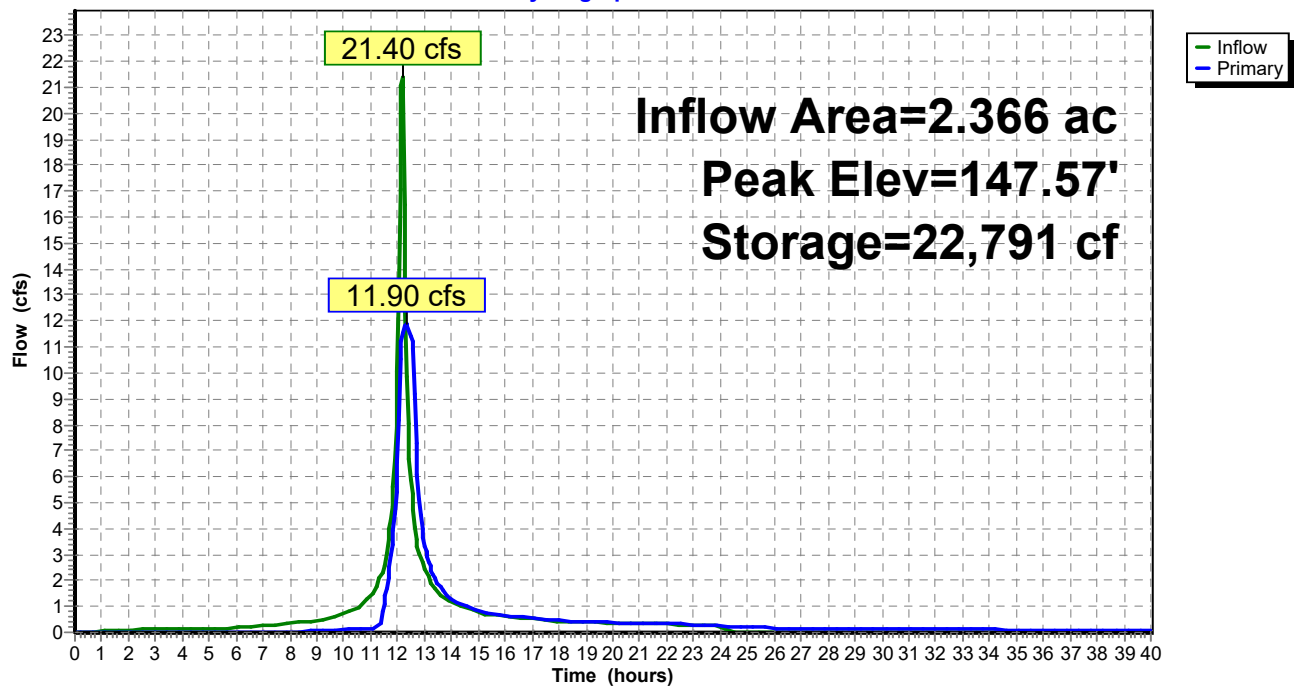
Primary OutFlow Max=11.89 cfs @ 12.31 hrs HW=147.56' (Free Discharge)

1=Culvert (Barrel Controls 11.89 cfs @ 6.73 fps)
 2=Orifice/Grate (Passes < 0.27 cfs potential flow)
 3=Sharp-Crested Rectangular Weir(Passes < 23.56 cfs potential flow)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-26: Basin #26

Hydrograph



Hydrograph for Pond B-26: Basin #26

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	144.00	0.00
0.10	0.00	0	144.00	0.00
0.20	0.00	0	144.00	0.00
0.30	0.00	0	144.00	0.00
0.40	0.00	0	144.00	0.00
0.50	0.00	1	144.00	0.00
0.60	0.01	4	144.00	0.00
0.70	0.02	10	144.00	0.00
0.80	0.03	20	144.00	0.00
0.90	0.04	33	144.01	0.00
1.00	0.05	49	144.01	0.00
1.10	0.05	67	144.01	0.00
1.20	0.06	87	144.02	0.00
1.30	0.06	109	144.02	0.00
1.40	0.07	134	144.02	0.00
1.50	0.07	159	144.03	0.00
1.60	0.08	187	144.03	0.00
1.70	0.08	216	144.04	0.00
1.80	0.09	246	144.04	0.00
1.90	0.09	277	144.05	0.00
2.00	0.09	310	144.06	0.00
2.10	0.10	343	144.06	0.00
2.20	0.10	378	144.07	0.00
2.30	0.10	414	144.08	0.00
2.40	0.10	450	144.08	0.00
2.50	0.11	488	144.09	0.00
2.60	0.11	527	144.10	0.00
2.70	0.11	566	144.10	0.00
2.80	0.11	606	144.11	0.00
2.90	0.11	647	144.12	0.00
3.00	0.12	688	144.13	0.00
3.10	0.12	731	144.13	0.00
3.20	0.12	774	144.14	0.00
3.30	0.12	817	144.15	0.00
3.40	0.12	861	144.16	0.00
3.50	0.13	906	144.16	0.00
3.60	0.13	952	144.17	0.00
3.70	0.13	998	144.18	0.00
3.80	0.13	1,045	144.19	0.00
3.90	0.13	1,092	144.20	0.00
4.00	0.13	1,140	144.21	0.00
4.10	0.14	1,189	144.22	0.00
4.20	0.14	1,238	144.22	0.00
4.30	0.14	1,287	144.23	0.00
4.40	0.14	1,337	144.24	0.00
4.50	0.14	1,388	144.25	0.00
4.60	0.14	1,439	144.26	0.00
4.70	0.14	1,491	144.27	0.00
4.80	0.15	1,543	144.28	0.00
4.90	0.15	1,596	144.29	0.00
5.00	0.15	1,649	144.30	0.00
5.10	0.15	1,703	144.31	0.00

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,757	144.32	0.00
5.30	0.16	1,812	144.33	0.00
5.40	0.16	1,869	144.34	0.00
5.50	0.16	1,927	144.35	0.00
5.60	0.17	1,986	144.36	0.00
5.70	0.17	2,047	144.37	0.00
5.80	0.17	2,109	144.38	0.00
5.90	0.18	2,172	144.39	0.00
6.00	0.18	2,236	144.40	0.00
6.10	0.19	2,302	144.41	0.00
6.20	0.19	2,370	144.43	0.00
6.30	0.20	2,440	144.44	0.00
6.40	0.21	2,513	144.45	0.00
6.50	0.21	2,589	144.46	0.00
6.60	0.22	2,667	144.48	0.00
6.70	0.23	2,748	144.49	0.00
6.80	0.24	2,832	144.51	0.00
6.90	0.24	2,919	144.52	0.00
7.00	0.25	3,008	144.54	0.00
7.10	0.26	3,101	144.55	0.00
7.20	0.27	3,197	144.57	0.00
7.30	0.28	3,296	144.59	0.00
7.40	0.29	3,397	144.60	0.00
7.50	0.30	3,502	144.62	0.00
7.60	0.31	3,611	144.64	0.00
7.70	0.31	3,722	144.66	0.00
7.80	0.32	3,837	144.68	0.00
7.90	0.33	3,955	144.70	0.00
8.00	0.34	4,076	144.72	0.00
8.10	0.35	4,200	144.74	0.00
8.20	0.36	4,326	144.76	0.01
8.30	0.37	4,453	144.79	0.01
8.40	0.38	4,582	144.81	0.02
8.50	0.39	4,712	144.83	0.03
8.60	0.40	4,843	144.85	0.04
8.70	0.41	4,975	144.88	0.04
8.80	0.42	5,108	144.90	0.05
8.90	0.43	5,242	144.92	0.06
9.00	0.44	5,378	144.94	0.06
9.10	0.46	5,517	144.97	0.07
9.20	0.48	5,661	144.99	0.07
9.30	0.51	5,812	145.02	0.08
9.40	0.54	5,973	145.04	0.08
9.50	0.57	6,143	145.07	0.08
9.60	0.60	6,322	145.10	0.09
9.70	0.63	6,510	145.13	0.09
9.80	0.66	6,709	145.17	0.10
9.90	0.70	6,917	145.20	0.10
10.00	0.73	7,136	145.24	0.11
10.10	0.76	7,365	145.27	0.11
10.20	0.80	7,604	145.31	0.12
10.30	0.83	7,855	145.35	0.12

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.87	8,116	145.40	0.13
10.50	0.90	8,388	145.44	0.13
10.60	0.96	8,674	145.49	0.14
10.70	1.06	8,987	145.54	0.14
10.80	1.17	9,338	145.59	0.15
10.90	1.30	9,729	145.65	0.15
11.00	1.42	10,162	145.72	0.16
11.10	1.57	10,642	145.80	0.16
11.20	1.78	11,186	145.88	0.17
11.30	2.02	11,807	145.98	0.18
11.40	2.26	12,471	146.08	0.49
11.50	2.50	13,045	146.17	1.09
11.60	3.03	13,515	146.24	1.72
11.70	4.00	14,032	146.32	2.51
11.80	4.87	14,550	146.40	3.40
11.90	6.59	15,167	146.49	4.56
12.00	10.04	16,123	146.63	6.53
12.10	17.07	17,882	146.88	10.53
12.20	20.63	21,061	147.33	11.55
12.30	12.47	22,767	147.57	11.90
12.40	8.00	22,114	147.48	11.77
12.50	5.87	20,394	147.24	11.41
12.60	4.75	18,288	146.94	10.94
12.70	3.59	16,481	146.68	7.32
12.80	3.09	15,463	146.53	5.15
12.90	2.78	14,884	146.45	4.01
13.00	2.50	14,518	146.39	3.34
13.10	2.24	14,255	146.35	2.88
13.20	2.00	14,044	146.32	2.53
13.30	1.84	13,874	146.29	2.26
13.40	1.69	13,735	146.27	2.04
13.50	1.55	13,615	146.26	1.87
13.60	1.41	13,504	146.24	1.70
13.70	1.29	13,401	146.22	1.56
13.80	1.23	13,314	146.21	1.44
13.90	1.19	13,246	146.20	1.35
14.00	1.15	13,193	146.19	1.28
14.10	1.11	13,149	146.18	1.22
14.20	1.07	13,112	146.18	1.17
14.30	1.04	13,077	146.17	1.13
14.40	1.00	13,044	146.17	1.09
14.50	0.96	13,011	146.16	1.05
14.60	0.93	12,978	146.16	1.02
14.70	0.89	12,946	146.15	0.98
14.80	0.85	12,913	146.15	0.94
14.90	0.82	12,881	146.14	0.90
15.00	0.78	12,849	146.14	0.87
15.10	0.74	12,817	146.13	0.83
15.20	0.71	12,786	146.13	0.79
15.30	0.69	12,758	146.13	0.77
15.40	0.68	12,734	146.12	0.74
15.50	0.67	12,715	146.12	0.72

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.66	12,698	146.12	0.71
15.70	0.65	12,683	146.11	0.69
15.80	0.64	12,669	146.11	0.68
15.90	0.63	12,656	146.11	0.67
16.00	0.62	12,644	146.11	0.66
16.10	0.61	12,633	146.11	0.64
16.20	0.60	12,622	146.10	0.63
16.30	0.59	12,612	146.10	0.62
16.40	0.58	12,601	146.10	0.61
16.50	0.57	12,590	146.10	0.60
16.60	0.56	12,580	146.10	0.59
16.70	0.56	12,570	146.10	0.58
16.80	0.54	12,559	146.09	0.57
16.90	0.53	12,549	146.09	0.56
17.00	0.53	12,539	146.09	0.55
17.10	0.52	12,528	146.09	0.54
17.20	0.51	12,518	146.09	0.53
17.30	0.50	12,508	146.09	0.52
17.40	0.48	12,498	146.09	0.51
17.50	0.48	12,487	146.08	0.50
17.60	0.47	12,477	146.08	0.49
17.70	0.46	12,467	146.08	0.48
17.80	0.45	12,457	146.08	0.47
17.90	0.44	12,446	146.08	0.47
18.00	0.43	12,434	146.08	0.46
18.10	0.42	12,422	146.07	0.45
18.20	0.41	12,410	146.07	0.44
18.30	0.40	12,398	146.07	0.43
18.40	0.40	12,388	146.07	0.43
18.50	0.40	12,380	146.07	0.42
18.60	0.40	12,372	146.07	0.41
18.70	0.39	12,366	146.06	0.41
18.80	0.39	12,360	146.06	0.41
18.90	0.39	12,354	146.06	0.40
19.00	0.39	12,349	146.06	0.40
19.10	0.38	12,345	146.06	0.40
19.20	0.38	12,340	146.06	0.39
19.30	0.38	12,336	146.06	0.39
19.40	0.38	12,332	146.06	0.39
19.50	0.37	12,328	146.06	0.38
19.60	0.37	12,324	146.06	0.38
19.70	0.37	12,321	146.06	0.38
19.80	0.37	12,317	146.06	0.38
19.90	0.36	12,314	146.06	0.37
20.00	0.36	12,310	146.06	0.37
20.10	0.36	12,307	146.06	0.37
20.20	0.36	12,303	146.06	0.37
20.30	0.35	12,299	146.05	0.36
20.40	0.35	12,296	146.05	0.36
20.50	0.35	12,292	146.05	0.36
20.60	0.35	12,288	146.05	0.36
20.70	0.34	12,285	146.05	0.35

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	12,282	146.05	0.35
20.90	0.34	12,278	146.05	0.35
21.00	0.34	12,274	146.05	0.35
21.10	0.33	12,271	146.05	0.34
21.20	0.33	12,267	146.05	0.34
21.30	0.33	12,264	146.05	0.34
21.40	0.33	12,260	146.05	0.34
21.50	0.32	12,257	146.05	0.33
21.60	0.32	12,253	146.05	0.33
21.70	0.32	12,250	146.05	0.33
21.80	0.32	12,246	146.05	0.33
21.90	0.31	12,243	146.05	0.32
22.00	0.31	12,239	146.05	0.32
22.10	0.31	12,236	146.05	0.32
22.20	0.31	12,232	146.04	0.32
22.30	0.30	12,229	146.04	0.31
22.40	0.30	12,225	146.04	0.31
22.50	0.30	12,221	146.04	0.31
22.60	0.30	12,218	146.04	0.31
22.70	0.29	12,214	146.04	0.30
22.80	0.29	12,211	146.04	0.30
22.90	0.29	12,207	146.04	0.30
23.00	0.29	12,204	146.04	0.30
23.10	0.28	12,200	146.04	0.29
23.20	0.28	12,197	146.04	0.29
23.30	0.28	12,193	146.04	0.29
23.40	0.28	12,189	146.04	0.29
23.50	0.27	12,186	146.04	0.28
23.60	0.27	12,182	146.04	0.28
23.70	0.27	12,179	146.04	0.28
23.80	0.27	12,175	146.04	0.28
23.90	0.26	12,172	146.04	0.27
24.00	0.28	12,170	146.03	0.27
24.10	0.24	12,169	146.03	0.27
24.20	0.07	12,127	146.03	0.25
24.30	0.02	12,057	146.02	0.22
24.40	0.00	11,985	146.01	0.19
24.50	0.00	11,919	146.00	0.18
24.60	0.00	11,855	145.99	0.18
24.70	0.00	11,791	145.98	0.18
24.80	0.00	11,727	145.97	0.18
24.90	0.00	11,663	145.96	0.18
25.00	0.00	11,600	145.95	0.18
25.10	0.00	11,537	145.94	0.17
25.20	0.00	11,474	145.93	0.17
25.30	0.00	11,412	145.92	0.17
25.40	0.00	11,349	145.91	0.17
25.50	0.00	11,288	145.90	0.17
25.60	0.00	11,226	145.89	0.17
25.70	0.00	11,164	145.88	0.17
25.80	0.00	11,103	145.87	0.17
25.90	0.00	11,042	145.86	0.17

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,982	145.85	0.17
26.10	0.00	10,922	145.84	0.17
26.20	0.00	10,862	145.83	0.17
26.30	0.00	10,802	145.82	0.17
26.40	0.00	10,742	145.81	0.16
26.50	0.00	10,683	145.80	0.16
26.60	0.00	10,624	145.79	0.16
26.70	0.00	10,565	145.79	0.16
26.80	0.00	10,507	145.78	0.16
26.90	0.00	10,449	145.77	0.16
27.00	0.00	10,391	145.76	0.16
27.10	0.00	10,333	145.75	0.16
27.20	0.00	10,276	145.74	0.16
27.30	0.00	10,219	145.73	0.16
27.40	0.00	10,162	145.72	0.16
27.50	0.00	10,106	145.71	0.16
27.60	0.00	10,050	145.70	0.16
27.70	0.00	9,994	145.70	0.15
27.80	0.00	9,938	145.69	0.15
27.90	0.00	9,883	145.68	0.15
28.00	0.00	9,828	145.67	0.15
28.10	0.00	9,773	145.66	0.15
28.20	0.00	9,718	145.65	0.15
28.30	0.00	9,664	145.64	0.15
28.40	0.00	9,610	145.63	0.15
28.50	0.00	9,556	145.63	0.15
28.60	0.00	9,503	145.62	0.15
28.70	0.00	9,450	145.61	0.15
28.80	0.00	9,397	145.60	0.15
28.90	0.00	9,344	145.59	0.15
29.00	0.00	9,292	145.58	0.14
29.10	0.00	9,240	145.58	0.14
29.20	0.00	9,188	145.57	0.14
29.30	0.00	9,137	145.56	0.14
29.40	0.00	9,085	145.55	0.14
29.50	0.00	9,034	145.54	0.14
29.60	0.00	8,984	145.54	0.14
29.70	0.00	8,933	145.53	0.14
29.80	0.00	8,883	145.52	0.14
29.90	0.00	8,833	145.51	0.14
30.00	0.00	8,784	145.50	0.14
30.10	0.00	8,735	145.50	0.14
30.20	0.00	8,686	145.49	0.14
30.30	0.00	8,637	145.48	0.13
30.40	0.00	8,589	145.47	0.13
30.50	0.00	8,541	145.46	0.13
30.60	0.00	8,493	145.46	0.13
30.70	0.00	8,445	145.45	0.13
30.80	0.00	8,398	145.44	0.13
30.90	0.00	8,351	145.43	0.13
31.00	0.00	8,304	145.43	0.13
31.10	0.00	8,258	145.42	0.13

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,211	145.41	0.13
31.30	0.00	8,166	145.40	0.13
31.40	0.00	8,120	145.40	0.13
31.50	0.00	8,075	145.39	0.13
31.60	0.00	8,030	145.38	0.12
31.70	0.00	7,985	145.37	0.12
31.80	0.00	7,940	145.37	0.12
31.90	0.00	7,896	145.36	0.12
32.00	0.00	7,852	145.35	0.12
32.10	0.00	7,809	145.35	0.12
32.20	0.00	7,765	145.34	0.12
32.30	0.00	7,722	145.33	0.12
32.40	0.00	7,680	145.32	0.12
32.50	0.00	7,637	145.32	0.12
32.60	0.00	7,595	145.31	0.12
32.70	0.00	7,553	145.30	0.12
32.80	0.00	7,512	145.30	0.12
32.90	0.00	7,470	145.29	0.11
33.00	0.00	7,429	145.28	0.11
33.10	0.00	7,388	145.28	0.11
33.20	0.00	7,348	145.27	0.11
33.30	0.00	7,308	145.26	0.11
33.40	0.00	7,268	145.26	0.11
33.50	0.00	7,228	145.25	0.11
33.60	0.00	7,189	145.24	0.11
33.70	0.00	7,150	145.24	0.11
33.80	0.00	7,111	145.23	0.11
33.90	0.00	7,073	145.23	0.11
34.00	0.00	7,034	145.22	0.11
34.10	0.00	6,997	145.21	0.10
34.20	0.00	6,959	145.21	0.10
34.30	0.00	6,922	145.20	0.10
34.40	0.00	6,885	145.19	0.10
34.50	0.00	6,848	145.19	0.10
34.60	0.00	6,811	145.18	0.10
34.70	0.00	6,775	145.18	0.10
34.80	0.00	6,739	145.17	0.10
34.90	0.00	6,704	145.16	0.10
35.00	0.00	6,669	145.16	0.10
35.10	0.00	6,633	145.15	0.10
35.20	0.00	6,599	145.15	0.10
35.30	0.00	6,564	145.14	0.10
35.40	0.00	6,530	145.14	0.09
35.50	0.00	6,496	145.13	0.09
35.60	0.00	6,463	145.12	0.09
35.70	0.00	6,429	145.12	0.09
35.80	0.00	6,397	145.11	0.09
35.90	0.00	6,364	145.11	0.09
36.00	0.00	6,331	145.10	0.09
36.10	0.00	6,299	145.10	0.09
36.20	0.00	6,267	145.09	0.09
36.30	0.00	6,236	145.09	0.09

Hydrograph for Pond B-26: Basin #26 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,205	145.08	0.09
36.50	0.00	6,174	145.08	0.09
36.60	0.00	6,143	145.07	0.08
36.70	0.00	6,113	145.07	0.08
36.80	0.00	6,083	145.06	0.08
36.90	0.00	6,053	145.06	0.08
37.00	0.00	6,023	145.05	0.08
37.10	0.00	5,994	145.05	0.08
37.20	0.00	5,965	145.04	0.08
37.30	0.00	5,937	145.04	0.08
37.40	0.00	5,908	145.03	0.08
37.50	0.00	5,880	145.03	0.08
37.60	0.00	5,852	145.02	0.08
37.70	0.00	5,825	145.02	0.08
37.80	0.00	5,798	145.01	0.08
37.90	0.00	5,771	145.01	0.07
38.00	0.00	5,744	145.00	0.07
38.10	0.00	5,718	145.00	0.07
38.20	0.00	5,692	145.00	0.07
38.30	0.00	5,666	144.99	0.07
38.40	0.00	5,641	144.99	0.07
38.50	0.00	5,616	144.98	0.07
38.60	0.00	5,591	144.98	0.07
38.70	0.00	5,566	144.97	0.07
38.80	0.00	5,542	144.97	0.07
38.90	0.00	5,518	144.97	0.07
39.00	0.00	5,495	144.96	0.07
39.10	0.00	5,471	144.96	0.06
39.20	0.00	5,448	144.95	0.06
39.30	0.00	5,426	144.95	0.06
39.40	0.00	5,403	144.95	0.06
39.50	0.00	5,381	144.94	0.06
39.60	0.00	5,359	144.94	0.06
39.70	0.00	5,338	144.94	0.06
39.80	0.00	5,316	144.93	0.06
39.90	0.00	5,295	144.93	0.06
40.00	0.00	5,275	144.93	0.06

Stage-Discharge for Pond B-26: Basin #26

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
144.00	0.00	144.52	0.00	145.04	0.08	145.56	0.14
144.01	0.00	144.53	0.00	145.05	0.08	145.57	0.14
144.02	0.00	144.54	0.00	145.06	0.08	145.58	0.14
144.03	0.00	144.55	0.00	145.07	0.08	145.59	0.15
144.04	0.00	144.56	0.00	145.08	0.09	145.60	0.15
144.05	0.00	144.57	0.00	145.09	0.09	145.61	0.15
144.06	0.00	144.58	0.00	145.10	0.09	145.62	0.15
144.07	0.00	144.59	0.00	145.11	0.09	145.63	0.15
144.08	0.00	144.60	0.00	145.12	0.09	145.64	0.15
144.09	0.00	144.61	0.00	145.13	0.09	145.65	0.15
144.10	0.00	144.62	0.00	145.14	0.10	145.66	0.15
144.11	0.00	144.63	0.00	145.15	0.10	145.67	0.15
144.12	0.00	144.64	0.00	145.16	0.10	145.68	0.15
144.13	0.00	144.65	0.00	145.17	0.10	145.69	0.15
144.14	0.00	144.66	0.00	145.18	0.10	145.70	0.16
144.15	0.00	144.67	0.00	145.19	0.10	145.71	0.16
144.16	0.00	144.68	0.00	145.20	0.10	145.72	0.16
144.17	0.00	144.69	0.00	145.21	0.10	145.73	0.16
144.18	0.00	144.70	0.00	145.22	0.11	145.74	0.16
144.19	0.00	144.71	0.00	145.23	0.11	145.75	0.16
144.20	0.00	144.72	0.00	145.24	0.11	145.76	0.16
144.21	0.00	144.73	0.00	145.25	0.11	145.77	0.16
144.22	0.00	144.74	0.00	145.26	0.11	145.78	0.16
144.23	0.00	144.75	0.00	145.27	0.11	145.79	0.16
144.24	0.00	144.76	0.01	145.28	0.11	145.80	0.16
144.25	0.00	144.77	0.01	145.29	0.11	145.81	0.16
144.26	0.00	144.78	0.01	145.30	0.12	145.82	0.17
144.27	0.00	144.79	0.01	145.31	0.12	145.83	0.17
144.28	0.00	144.80	0.02	145.32	0.12	145.84	0.17
144.29	0.00	144.81	0.02	145.33	0.12	145.85	0.17
144.30	0.00	144.82	0.02	145.34	0.12	145.86	0.17
144.31	0.00	144.83	0.03	145.35	0.12	145.87	0.17
144.32	0.00	144.84	0.03	145.36	0.12	145.88	0.17
144.33	0.00	144.85	0.03	145.37	0.12	145.89	0.17
144.34	0.00	144.86	0.04	145.38	0.12	145.90	0.17
144.35	0.00	144.87	0.04	145.39	0.13	145.91	0.17
144.36	0.00	144.88	0.05	145.40	0.13	145.92	0.17
144.37	0.00	144.89	0.05	145.41	0.13	145.93	0.17
144.38	0.00	144.90	0.05	145.42	0.13	145.94	0.17
144.39	0.00	144.91	0.05	145.43	0.13	145.95	0.18
144.40	0.00	144.92	0.06	145.44	0.13	145.96	0.18
144.41	0.00	144.93	0.06	145.45	0.13	145.97	0.18
144.42	0.00	144.94	0.06	145.46	0.13	145.98	0.18
144.43	0.00	144.95	0.06	145.47	0.13	145.99	0.18
144.44	0.00	144.96	0.06	145.48	0.13	146.00	0.18
144.45	0.00	144.97	0.07	145.49	0.14	146.01	0.19
144.46	0.00	144.98	0.07	145.50	0.14	146.02	0.22
144.47	0.00	144.99	0.07	145.51	0.14	146.03	0.25
144.48	0.00	145.00	0.07	145.52	0.14	146.04	0.29
144.49	0.00	145.01	0.07	145.53	0.14	146.05	0.33
144.50	0.00	145.02	0.08	145.54	0.14	146.06	0.38
144.51	0.00	145.03	0.08	145.55	0.14	146.07	0.43

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
146.08	0.48	146.60	6.12	147.12	11.22	147.64	12.00
146.09	0.54	146.61	6.26	147.13	11.24	147.65	12.02
146.10	0.60	146.62	6.41	147.14	11.25	147.66	12.03
146.11	0.66	146.63	6.56	147.15	11.27	147.67	12.05
146.12	0.73	146.64	6.71	147.16	11.29	147.68	12.06
146.13	0.80	146.65	6.85	147.17	11.30	147.69	12.07
146.14	0.87	146.66	7.01	147.18	11.32	147.70	12.09
146.15	0.94	146.67	7.16	147.19	11.33	147.71	12.10
146.16	1.02	146.68	7.31	147.20	11.35	147.72	12.12
146.17	1.10	146.69	7.46	147.21	11.36	147.73	12.13
146.18	1.18	146.70	7.62	147.22	11.38	147.74	12.15
146.19	1.27	146.71	7.77	147.23	11.39	147.75	12.16
146.20	1.35	146.72	7.93	147.24	11.41	147.76	12.18
146.21	1.44	146.73	8.09	147.25	11.42	147.77	12.19
146.22	1.53	146.74	8.25	147.26	11.44	147.78	12.20
146.23	1.62	146.75	8.41	147.27	11.45	147.79	12.22
146.24	1.72	146.76	8.57	147.28	11.47	147.80	12.23
146.25	1.81	146.77	8.73	147.29	11.48	147.81	12.25
146.26	1.91	146.78	8.89	147.30	11.50	147.82	12.26
146.27	2.01	146.79	9.05	147.31	11.51	147.83	12.27
146.28	2.11	146.80	9.22	147.32	11.53	147.84	12.29
146.29	2.21	146.81	9.38	147.33	11.54	147.85	12.30
146.30	2.32	146.82	9.55	147.34	11.56	147.86	12.32
146.31	2.42	146.83	9.71	147.35	11.57	147.87	12.33
146.32	2.53	146.84	9.88	147.36	11.59	147.88	12.35
146.33	2.64	146.85	10.05	147.37	11.60	147.89	12.36
146.34	2.75	146.86	10.22	147.38	11.62	147.90	12.37
146.35	2.87	146.87	10.39	147.39	11.63	147.91	12.39
146.36	2.98	146.88	10.56	147.40	11.65	147.92	12.40
146.37	3.09	146.89	10.73	147.41	11.66	147.93	12.42
146.38	3.21	146.90	10.88	147.42	11.68	147.94	12.43
146.39	3.33	146.91	10.89	147.43	11.69	147.95	12.44
146.40	3.45	146.92	10.91	147.44	11.71	147.96	12.46
146.41	3.57	146.93	10.92	147.45	11.72	147.97	12.47
146.42	3.69	146.94	10.94	147.46	11.74	147.98	12.49
146.43	3.82	146.95	10.96	147.47	11.75	147.99	12.50
146.44	3.94	146.96	10.97	147.48	11.77	148.00	12.51
146.45	4.07	146.97	10.99	147.49	11.78	148.01	12.53
146.46	4.20	146.98	11.00	147.50	11.80	148.02	12.54
146.47	4.33	146.99	11.02	147.51	11.81	148.03	12.56
146.48	4.46	147.00	11.04	147.52	11.83	148.04	12.57
146.49	4.59	147.01	11.05	147.53	11.84	148.05	12.58
146.50	4.72	147.02	11.07	147.54	11.86	148.06	12.71
146.51	4.86	147.03	11.08	147.55	11.87	148.07	12.94
146.52	4.99	147.04	11.10	147.56	11.89	148.08	13.23
146.53	5.13	147.05	11.11	147.57	11.90	148.09	13.58
146.54	5.27	147.06	11.13	147.58	11.92	148.10	13.96
146.55	5.41	147.07	11.15	147.59	11.93	148.11	14.39
146.56	5.55	147.08	11.16	147.60	11.94	148.12	14.85
146.57	5.69	147.09	11.18	147.61	11.96	148.13	15.35
146.58	5.83	147.10	11.19	147.62	11.97	148.14	15.88
146.59	5.97	147.11	11.21	147.63	11.99	148.15	16.44

Stage-Discharge for Pond B-26: Basin #26 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
148.16	17.03	148.68	82.90
148.17	17.64	148.69	84.58
148.18	18.28	148.70	86.27
148.19	18.95	148.71	87.98
148.20	19.63	148.72	89.70
148.21	20.35	148.73	91.43
148.22	21.08	148.74	93.18
148.23	21.84	148.75	94.93
148.24	22.62	148.76	96.71
148.25	23.42	148.77	98.49
148.26	24.28	148.78	100.29
148.27	25.17	148.79	102.10
148.28	26.08	148.80	103.92
148.29	27.02	148.81	105.75
148.30	27.98	148.82	107.60
148.31	28.96	148.83	109.46
148.32	29.98	148.84	111.33
148.33	31.01	148.85	113.21
148.34	32.07	148.86	115.14
148.35	33.16	148.87	117.09
148.36	34.27	148.88	119.05
148.37	35.40	148.89	121.02
148.38	36.56	148.90	123.00
148.39	37.75	148.91	125.00
148.40	38.95	148.92	127.01
148.41	40.19	148.93	129.04
148.42	41.44	148.94	131.07
148.43	42.72	148.95	133.12
148.44	44.03		
148.45	45.35		
148.46	46.73		
148.47	48.14		
148.48	49.57		
148.49	51.03		
148.50	52.51		
148.51	54.02		
148.52	55.56		
148.53	57.12		
148.54	58.71		
148.55	60.32		
148.56	61.96		
148.57	63.63		
148.58	65.33		
148.59	67.05		
148.60	68.79		
148.61	70.57		
148.62	72.37		
148.63	74.20		
148.64	76.05		
148.65	77.94		
148.66	79.58		
148.67	81.23		

Stage-Area-Storage for Pond B-26: Basin #26

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
144.00	5,466	0	144.52	5,727	2,910
144.01	5,471	55	144.53	5,732	2,967
144.02	5,476	109	144.54	5,737	3,025
144.03	5,481	164	144.55	5,742	3,082
144.04	5,486	219	144.56	5,747	3,140
144.05	5,491	274	144.57	5,752	3,197
144.06	5,496	329	144.58	5,757	3,255
144.07	5,501	384	144.59	5,762	3,312
144.08	5,506	439	144.60	5,767	3,370
144.09	5,511	494	144.61	5,772	3,427
144.10	5,516	549	144.62	5,777	3,485
144.11	5,521	604	144.63	5,782	3,543
144.12	5,526	660	144.64	5,787	3,601
144.13	5,531	715	144.65	5,792	3,659
144.14	5,536	770	144.66	5,797	3,717
144.15	5,541	826	144.67	5,802	3,775
144.16	5,546	881	144.68	5,807	3,833
144.17	5,551	936	144.69	5,812	3,891
144.18	5,556	992	144.70	5,817	3,949
144.19	5,561	1,048	144.71	5,822	4,007
144.20	5,566	1,103	144.72	5,827	4,065
144.21	5,571	1,159	144.73	5,832	4,124
144.22	5,576	1,215	144.74	5,837	4,182
144.23	5,581	1,270	144.75	5,842	4,240
144.24	5,586	1,326	144.76	5,847	4,299
144.25	5,591	1,382	144.77	5,852	4,357
144.26	5,596	1,438	144.78	5,857	4,416
144.27	5,601	1,494	144.79	5,862	4,474
144.28	5,606	1,550	144.80	5,867	4,533
144.29	5,611	1,606	144.81	5,872	4,592
144.30	5,616	1,662	144.82	5,877	4,651
144.31	5,621	1,719	144.83	5,882	4,709
144.32	5,626	1,775	144.84	5,887	4,768
144.33	5,631	1,831	144.85	5,892	4,827
144.34	5,636	1,887	144.86	5,897	4,886
144.35	5,641	1,944	144.87	5,902	4,945
144.36	5,646	2,000	144.88	5,907	5,004
144.37	5,651	2,057	144.89	5,912	5,063
144.38	5,656	2,113	144.90	5,917	5,122
144.39	5,661	2,170	144.91	5,922	5,181
144.40	5,666	2,226	144.92	5,927	5,241
144.41	5,671	2,283	144.93	5,932	5,300
144.42	5,676	2,340	144.94	5,937	5,359
144.43	5,681	2,397	144.95	5,942	5,419
144.44	5,686	2,454	144.96	5,947	5,478
144.45	5,691	2,510	144.97	5,952	5,538
144.46	5,696	2,567	144.98	5,957	5,597
144.47	5,701	2,624	144.99	5,962	5,657
144.48	5,706	2,681	145.00	5,967	5,717
144.49	5,711	2,738	145.01	5,972	5,776
144.50	5,717	2,796	145.02	5,977	5,836
144.51	5,722	2,853	145.03	5,983	5,896

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
145.04	5,988	5,956	145.56	6,258	9,139
145.05	5,993	6,015	145.57	6,263	9,202
145.06	5,998	6,075	145.58	6,268	9,265
145.07	6,003	6,135	145.59	6,273	9,327
145.08	6,009	6,196	145.60	6,278	9,390
145.09	6,014	6,256	145.61	6,284	9,453
145.10	6,019	6,316	145.62	6,289	9,516
145.11	6,024	6,376	145.63	6,294	9,579
145.12	6,029	6,436	145.64	6,299	9,642
145.13	6,034	6,497	145.65	6,304	9,705
145.14	6,040	6,557	145.66	6,310	9,768
145.15	6,045	6,617	145.67	6,315	9,831
145.16	6,050	6,678	145.68	6,320	9,894
145.17	6,055	6,738	145.69	6,325	9,957
145.18	6,060	6,799	145.70	6,330	10,021
145.19	6,066	6,860	145.71	6,335	10,084
145.20	6,071	6,920	145.72	6,341	10,147
145.21	6,076	6,981	145.73	6,346	10,211
145.22	6,081	7,042	145.74	6,351	10,274
145.23	6,086	7,103	145.75	6,356	10,338
145.24	6,092	7,164	145.76	6,361	10,401
145.25	6,097	7,224	145.77	6,367	10,465
145.26	6,102	7,285	145.78	6,372	10,529
145.27	6,107	7,347	145.79	6,377	10,592
145.28	6,112	7,408	145.80	6,382	10,656
145.29	6,118	7,469	145.81	6,387	10,720
145.30	6,123	7,530	145.82	6,393	10,784
145.31	6,128	7,591	145.83	6,398	10,848
145.32	6,133	7,653	145.84	6,403	10,912
145.33	6,138	7,714	145.85	6,408	10,976
145.34	6,143	7,775	145.86	6,413	11,040
145.35	6,149	7,837	145.87	6,419	11,104
145.36	6,154	7,898	145.88	6,424	11,168
145.37	6,159	7,960	145.89	6,429	11,233
145.38	6,164	8,021	145.90	6,434	11,297
145.39	6,169	8,083	145.91	6,439	11,361
145.40	6,175	8,145	145.92	6,444	11,426
145.41	6,180	8,207	145.93	6,450	11,490
145.42	6,185	8,268	145.94	6,455	11,555
145.43	6,190	8,330	145.95	6,460	11,619
145.44	6,195	8,392	145.96	6,465	11,684
145.45	6,201	8,454	145.97	6,470	11,749
145.46	6,206	8,516	145.98	6,476	11,813
145.47	6,211	8,578	145.99	6,481	11,878
145.48	6,216	8,640	146.00	6,486	11,943
145.49	6,221	8,703	146.01	6,491	12,008
145.50	6,227	8,765	146.02	6,497	12,073
145.51	6,232	8,827	146.03	6,502	12,138
145.52	6,237	8,890	146.04	6,507	12,203
145.53	6,242	8,952	146.05	6,513	12,268
145.54	6,247	9,014	146.06	6,518	12,333
145.55	6,252	9,077	146.07	6,523	12,398

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
146.08	6,529	12,464	146.60	6,805	15,930
146.09	6,534	12,529	146.61	6,811	15,998
146.10	6,539	12,594	146.62	6,816	16,067
146.11	6,545	12,660	146.63	6,821	16,135
146.12	6,550	12,725	146.64	6,826	16,203
146.13	6,555	12,791	146.65	6,832	16,271
146.14	6,560	12,856	146.66	6,837	16,340
146.15	6,566	12,922	146.67	6,842	16,408
146.16	6,571	12,988	146.68	6,848	16,476
146.17	6,576	13,053	146.69	6,853	16,545
146.18	6,582	13,119	146.70	6,858	16,614
146.19	6,587	13,185	146.71	6,864	16,682
146.20	6,592	13,251	146.72	6,869	16,751
146.21	6,598	13,317	146.73	6,874	16,820
146.22	6,603	13,383	146.74	6,880	16,888
146.23	6,608	13,449	146.75	6,885	16,957
146.24	6,614	13,515	146.76	6,890	17,026
146.25	6,619	13,581	146.77	6,896	17,095
146.26	6,624	13,647	146.78	6,901	17,164
146.27	6,630	13,714	146.79	6,906	17,233
146.28	6,635	13,780	146.80	6,912	17,302
146.29	6,640	13,846	146.81	6,917	17,371
146.30	6,646	13,913	146.82	6,922	17,440
146.31	6,651	13,979	146.83	6,928	17,510
146.32	6,656	14,046	146.84	6,933	17,579
146.33	6,662	14,112	146.85	6,938	17,648
146.34	6,667	14,179	146.86	6,944	17,718
146.35	6,672	14,246	146.87	6,949	17,787
146.36	6,678	14,312	146.88	6,954	17,857
146.37	6,683	14,379	146.89	6,959	17,926
146.38	6,688	14,446	146.90	6,965	17,996
146.39	6,693	14,513	146.91	6,970	18,066
146.40	6,699	14,580	146.92	6,975	18,135
146.41	6,704	14,647	146.93	6,981	18,205
146.42	6,709	14,714	146.94	6,986	18,275
146.43	6,715	14,781	146.95	6,991	18,345
146.44	6,720	14,848	146.96	6,997	18,415
146.45	6,725	14,916	146.97	7,002	18,485
146.46	6,731	14,983	146.98	7,007	18,555
146.47	6,736	15,050	146.99	7,013	18,625
146.48	6,741	15,118	147.00	7,018	18,695
146.49	6,747	15,185	147.01	7,023	18,765
146.50	6,752	15,253	147.02	7,029	18,835
146.51	6,757	15,320	147.03	7,034	18,906
146.52	6,763	15,388	147.04	7,040	18,976
146.53	6,768	15,455	147.05	7,045	19,047
146.54	6,773	15,523	147.06	7,051	19,117
146.55	6,779	15,591	147.07	7,056	19,188
146.56	6,784	15,659	147.08	7,062	19,258
146.57	6,789	15,726	147.09	7,067	19,329
146.58	6,795	15,794	147.10	7,072	19,400
146.59	6,800	15,862	147.11	7,078	19,470

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
147.12	7,083	19,541	147.64	7,367	23,298
147.13	7,089	19,612	147.65	7,372	23,372
147.14	7,094	19,683	147.66	7,378	23,446
147.15	7,100	19,754	147.67	7,383	23,519
147.16	7,105	19,825	147.68	7,389	23,593
147.17	7,111	19,896	147.69	7,394	23,667
147.18	7,116	19,967	147.70	7,399	23,741
147.19	7,122	20,038	147.71	7,405	23,815
147.20	7,127	20,109	147.72	7,410	23,889
147.21	7,132	20,181	147.73	7,416	23,963
147.22	7,138	20,252	147.74	7,421	24,038
147.23	7,143	20,324	147.75	7,427	24,112
147.24	7,149	20,395	147.76	7,432	24,186
147.25	7,154	20,467	147.77	7,438	24,260
147.26	7,160	20,538	147.78	7,443	24,335
147.27	7,165	20,610	147.79	7,449	24,409
147.28	7,171	20,681	147.80	7,454	24,484
147.29	7,176	20,753	147.81	7,459	24,558
147.30	7,182	20,825	147.82	7,465	24,633
147.31	7,187	20,897	147.83	7,470	24,708
147.32	7,192	20,969	147.84	7,476	24,782
147.33	7,198	21,041	147.85	7,481	24,857
147.34	7,203	21,113	147.86	7,487	24,932
147.35	7,209	21,185	147.87	7,492	25,007
147.36	7,214	21,257	147.88	7,498	25,082
147.37	7,220	21,329	147.89	7,503	25,157
147.38	7,225	21,401	147.90	7,509	25,232
147.39	7,231	21,473	147.91	7,514	25,307
147.40	7,236	21,546	147.92	7,519	25,382
147.41	7,241	21,618	147.93	7,525	25,457
147.42	7,247	21,691	147.94	7,530	25,533
147.43	7,252	21,763	147.95	7,536	25,608
147.44	7,258	21,836	147.96	7,541	25,683
147.45	7,263	21,908	147.97	7,547	25,759
147.46	7,269	21,981	147.98	7,552	25,834
147.47	7,274	22,054	147.99	7,558	25,910
147.48	7,280	22,126	148.00	7,563	25,986
147.49	7,285	22,199	148.01	7,569	26,061
147.50	7,291	22,272	148.02	7,575	26,137
147.51	7,296	22,345	148.03	7,581	26,213
147.52	7,301	22,418	148.04	7,586	26,288
147.53	7,307	22,491	148.05	7,592	26,364
147.54	7,312	22,564	148.06	7,598	26,440
147.55	7,318	22,637	148.07	7,604	26,516
147.56	7,323	22,711	148.08	7,610	26,592
147.57	7,329	22,784	148.09	7,616	26,669
147.58	7,334	22,857	148.10	7,622	26,745
147.59	7,340	22,930	148.11	7,627	26,821
147.60	7,345	23,004	148.12	7,633	26,897
147.61	7,350	23,077	148.13	7,639	26,974
147.62	7,356	23,151	148.14	7,645	27,050
147.63	7,361	23,224	148.15	7,651	27,127

Stage-Area-Storage for Pond B-26: Basin #26 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
148.16	7,657	27,203	148.68	7,962	31,264
148.17	7,663	27,280	148.69	7,968	31,344
148.18	7,669	27,356	148.70	7,973	31,423
148.19	7,674	27,433	148.71	7,979	31,503
148.20	7,680	27,510	148.72	7,985	31,583
148.21	7,686	27,587	148.73	7,991	31,663
148.22	7,692	27,664	148.74	7,997	31,743
148.23	7,698	27,740	148.75	8,003	31,823
148.24	7,704	27,818	148.76	8,009	31,903
148.25	7,710	27,895	148.77	8,014	31,983
148.26	7,715	27,972	148.78	8,020	32,063
148.27	7,721	28,049	148.79	8,026	32,143
148.28	7,727	28,126	148.80	8,032	32,224
148.29	7,733	28,203	148.81	8,038	32,304
148.30	7,739	28,281	148.82	8,044	32,384
148.31	7,745	28,358	148.83	8,050	32,465
148.32	7,751	28,436	148.84	8,056	32,545
148.33	7,756	28,513	148.85	8,061	32,626
148.34	7,762	28,591	148.86	8,067	32,706
148.35	7,768	28,668	148.87	8,073	32,787
148.36	7,774	28,746	148.88	8,079	32,868
148.37	7,780	28,824	148.89	8,085	32,949
148.38	7,786	28,902	148.90	8,091	33,030
148.39	7,792	28,980	148.91	8,097	33,111
148.40	7,798	29,058	148.92	8,102	33,192
148.41	7,803	29,136	148.93	8,108	33,273
148.42	7,809	29,214	148.94	8,114	33,354
148.43	7,815	29,292	148.95	8,120	33,435
148.44	7,821	29,370			
148.45	7,827	29,448			
148.46	7,833	29,527			
148.47	7,839	29,605			
148.48	7,844	29,683			
148.49	7,850	29,762			
148.50	7,856	29,840			
148.51	7,862	29,919			
148.52	7,868	29,998			
148.53	7,874	30,076			
148.54	7,880	30,155			
148.55	7,885	30,234			
148.56	7,891	30,313			
148.57	7,897	30,392			
148.58	7,903	30,471			
148.59	7,909	30,550			
148.60	7,915	30,629			
148.61	7,921	30,708			
148.62	7,927	30,787			
148.63	7,932	30,867			
148.64	7,938	30,946			
148.65	7,944	31,025			
148.66	7,950	31,105			
148.67	7,956	31,184			

Summary for Pond B-27: Basin #27

Inflow Area = 1.935 ac, 46.41% Impervious, Inflow Depth = 10.00" for Future 100 yr event
 Inflow = 18.97 cfs @ 12.17 hrs, Volume= 1.612 af
 Outflow = 18.23 cfs @ 12.20 hrs, Volume= 1.505 af, Atten= 4%, Lag= 2.1 min
 Primary = 18.23 cfs @ 12.20 hrs, Volume= 1.505 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 172.94' @ 12.21 hrs Surf.Area= 4,061 sf Storage= 12,696 cf

Plug-Flow detention time= 94.8 min calculated for 1.503 af (93% of inflow)
 Center-of-Mass det. time= 58.1 min (820.6 - 762.5)

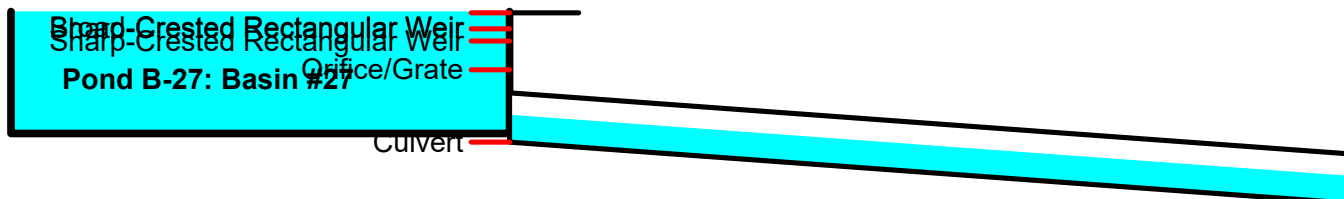
Volume	Invert	Avail.Storage	Storage Description
#1	168.00'	12,727 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
168.00	1,002	0	0
169.00	1,583	1,293	1,293
170.00	2,221	1,902	3,195
171.00	2,916	2,569	5,763
172.00	3,667	3,292	9,055
172.95	4,064	3,672	12,727

Device	Routing	Invert	Outlet Devices
#1	Primary	167.65'	24.0" Round Culvert L= 61.0' Ke= 0.500 Inlet / Outlet Invert= 167.65' / 165.16' S= 0.0408 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	170.59'	8.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	171.75'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	172.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	172.90'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

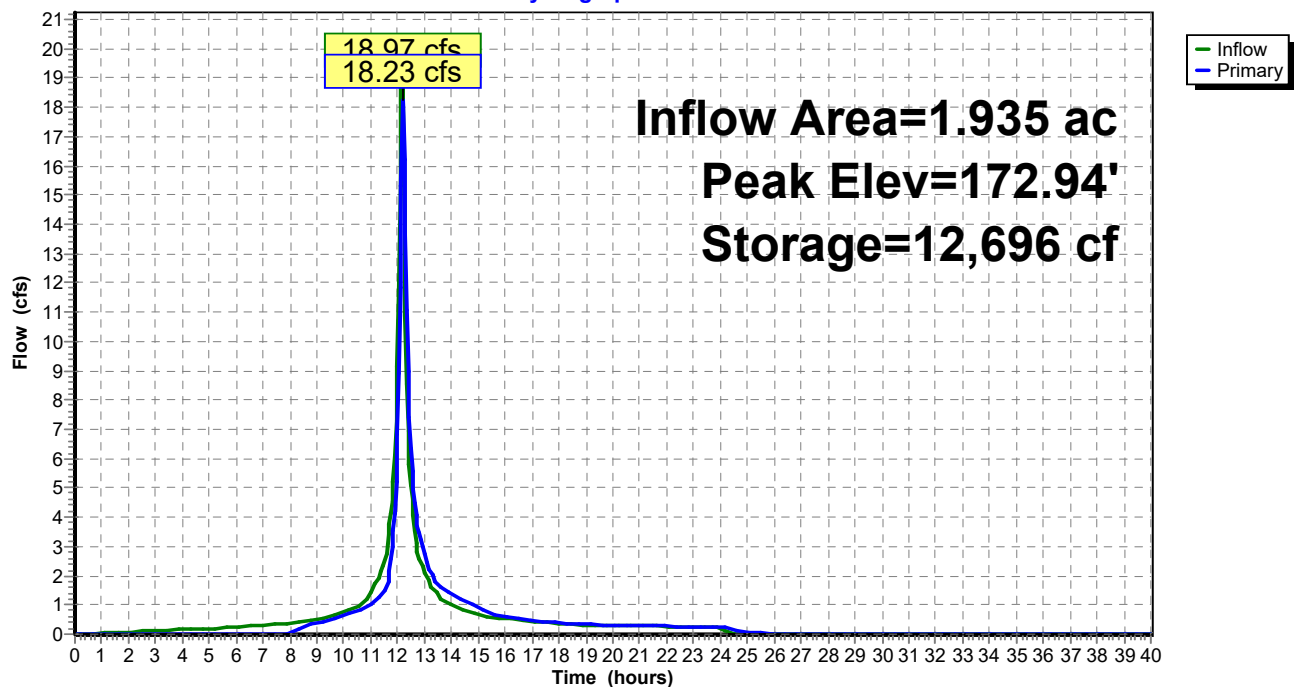
Primary OutFlow Max=17.89 cfs @ 12.20 hrs HW=172.94' (Free Discharge)

1=Culvert (Passes 17.04 cfs of 31.32 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.39 cfs @ 6.83 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 7.46 cfs @ 3.56 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 7.20 cfs @ 2.71 fps)
 5=Broad-Crested Rectangular Weir (Weir Controls 0.85 cfs @ 0.45 fps)



Pond B-27: Basin #27

Hydrograph



Hydrograph for Pond B-27: Basin #27

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	168.00	0.00
0.10	0.00	0	168.00	0.00
0.20	0.00	0	168.00	0.00
0.30	0.00	0	168.00	0.00
0.40	0.00	0	168.00	0.00
0.50	0.00	1	168.00	0.00
0.60	0.01	4	168.00	0.00
0.70	0.02	10	168.01	0.00
0.80	0.03	19	168.02	0.00
0.90	0.04	32	168.03	0.00
1.00	0.04	46	168.05	0.00
1.10	0.05	64	168.06	0.00
1.20	0.06	83	168.08	0.00
1.30	0.06	104	168.10	0.00
1.40	0.07	127	168.12	0.00
1.50	0.07	152	168.15	0.00
1.60	0.07	178	168.17	0.00
1.70	0.08	205	168.19	0.00
1.80	0.08	234	168.22	0.00
1.90	0.08	264	168.25	0.00
2.00	0.09	295	168.27	0.00
2.10	0.09	327	168.30	0.00
2.20	0.09	360	168.33	0.00
2.30	0.10	394	168.36	0.00
2.40	0.10	429	168.38	0.00
2.50	0.10	464	168.41	0.00
2.60	0.10	501	168.44	0.00
2.70	0.11	538	168.47	0.00
2.80	0.11	577	168.50	0.00
2.90	0.11	617	168.53	0.00
3.00	0.12	659	168.56	0.00
3.10	0.12	702	168.60	0.00
3.20	0.13	747	168.63	0.00
3.30	0.13	794	168.66	0.00
3.40	0.14	841	168.70	0.00
3.50	0.14	891	168.73	0.00
3.60	0.14	942	168.77	0.00
3.70	0.15	994	168.80	0.00
3.80	0.15	1,048	168.84	0.00
3.90	0.16	1,104	168.88	0.00
4.00	0.16	1,160	168.91	0.00
4.10	0.16	1,218	168.95	0.00
4.20	0.17	1,278	168.99	0.00
4.30	0.17	1,339	169.03	0.00
4.40	0.18	1,401	169.07	0.00
4.50	0.18	1,465	169.11	0.00
4.60	0.18	1,530	169.15	0.00
4.70	0.19	1,596	169.18	0.00
4.80	0.19	1,664	169.22	0.00
4.90	0.19	1,733	169.26	0.00
5.00	0.20	1,803	169.30	0.00
5.10	0.20	1,875	169.34	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.20	1,947	169.38	0.00
5.30	0.21	2,022	169.42	0.00
5.40	0.21	2,097	169.46	0.00
5.50	0.21	2,174	169.51	0.00
5.60	0.22	2,252	169.55	0.00
5.70	0.22	2,331	169.59	0.00
5.80	0.23	2,411	169.63	0.00
5.90	0.23	2,493	169.67	0.00
6.00	0.23	2,576	169.71	0.00
6.10	0.24	2,660	169.75	0.00
6.20	0.24	2,747	169.79	0.00
6.30	0.25	2,836	169.83	0.00
6.40	0.26	2,928	169.88	0.00
6.50	0.27	3,022	169.92	0.00
6.60	0.28	3,120	169.97	0.00
6.70	0.28	3,221	170.01	0.00
6.80	0.29	3,324	170.06	0.00
6.90	0.30	3,431	170.10	0.00
7.00	0.31	3,540	170.15	0.00
7.10	0.32	3,653	170.20	0.00
7.20	0.33	3,769	170.25	0.00
7.30	0.33	3,887	170.30	0.00
7.40	0.34	4,009	170.35	0.00
7.50	0.35	4,134	170.40	0.00
7.60	0.36	4,262	170.45	0.00
7.70	0.37	4,394	170.50	0.00
7.80	0.38	4,528	170.55	0.00
7.90	0.39	4,666	170.61	0.00
8.00	0.40	4,804	170.66	0.02
8.10	0.41	4,937	170.71	0.05
8.20	0.41	5,059	170.75	0.09
8.30	0.42	5,169	170.79	0.14
8.40	0.43	5,266	170.83	0.18
8.50	0.44	5,349	170.86	0.23
8.60	0.45	5,420	170.88	0.27
8.70	0.46	5,480	170.90	0.31
8.80	0.47	5,532	170.92	0.34
8.90	0.48	5,576	170.94	0.37
9.00	0.49	5,614	170.95	0.39
9.10	0.50	5,647	170.96	0.41
9.20	0.53	5,680	170.97	0.43
9.30	0.56	5,714	170.98	0.46
9.40	0.59	5,750	171.00	0.48
9.50	0.61	5,788	171.01	0.51
9.60	0.65	5,827	171.02	0.54
9.70	0.68	5,867	171.04	0.56
9.80	0.71	5,908	171.05	0.59
9.90	0.74	5,949	171.06	0.62
10.00	0.77	5,992	171.08	0.65
10.10	0.80	6,035	171.09	0.68
10.20	0.83	6,078	171.11	0.71
10.30	0.86	6,122	171.12	0.74

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.90	6,167	171.14	0.77
10.50	0.93	6,213	171.15	0.80
10.60	0.98	6,262	171.17	0.83
10.70	1.08	6,326	171.19	0.87
10.80	1.19	6,412	171.22	0.92
10.90	1.30	6,522	171.25	0.97
11.00	1.42	6,654	171.29	1.02
11.10	1.56	6,810	171.34	1.09
11.20	1.76	7,001	171.40	1.16
11.30	1.97	7,239	171.48	1.25
11.40	2.20	7,523	171.56	1.34
11.50	2.41	7,851	171.66	1.44
11.60	2.90	8,247	171.77	1.58
11.70	3.79	8,794	171.93	2.17
11.80	4.57	9,354	172.08	3.02
11.90	6.11	9,979	172.25	4.12
12.00	9.17	10,745	172.45	6.79
12.10	15.30	11,772	172.71	11.84
12.20	18.22	12,691	172.94	18.21
12.30	10.91	12,117	172.80	13.76
12.40	6.96	11,222	172.57	9.00
12.50	5.08	10,633	172.42	6.32
12.60	4.10	10,274	172.33	4.97
12.70	3.09	9,937	172.24	4.04
12.80	2.65	9,615	172.15	3.46
12.90	2.38	9,357	172.08	3.02
13.00	2.15	9,147	172.03	2.68
13.10	1.92	8,964	171.98	2.41
13.20	1.72	8,793	171.93	2.17
13.30	1.57	8,640	171.89	1.97
13.40	1.44	8,502	171.85	1.81
13.50	1.32	8,371	171.81	1.68
13.60	1.20	8,239	171.77	1.58
13.70	1.10	8,099	171.73	1.51
13.80	1.05	7,948	171.69	1.47
13.90	1.01	7,797	171.64	1.43
14.00	0.98	7,650	171.60	1.38
14.10	0.95	7,507	171.56	1.34
14.20	0.92	7,368	171.52	1.29
14.30	0.88	7,235	171.48	1.25
14.40	0.85	7,106	171.44	1.20
14.50	0.82	6,982	171.40	1.16
14.60	0.79	6,864	171.36	1.11
14.70	0.76	6,750	171.32	1.06
14.80	0.72	6,642	171.29	1.02
14.90	0.69	6,539	171.26	0.97
15.00	0.66	6,441	171.23	0.93
15.10	0.63	6,347	171.20	0.88
15.20	0.60	6,261	171.17	0.83
15.30	0.59	6,185	171.14	0.78
15.40	0.58	6,122	171.12	0.74
15.50	0.57	6,070	171.10	0.70

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.56	6,026	171.09	0.67
15.70	0.55	5,989	171.08	0.65
15.80	0.55	5,958	171.07	0.63
15.90	0.54	5,930	171.06	0.61
16.00	0.53	5,907	171.05	0.59
16.10	0.52	5,886	171.04	0.58
16.20	0.51	5,867	171.04	0.56
16.30	0.50	5,849	171.03	0.55
16.40	0.50	5,833	171.02	0.54
16.50	0.49	5,817	171.02	0.53
16.60	0.48	5,803	171.01	0.52
16.70	0.47	5,789	171.01	0.51
16.80	0.46	5,775	171.00	0.50
16.90	0.45	5,762	171.00	0.49
17.00	0.45	5,748	170.99	0.48
17.10	0.44	5,736	170.99	0.47
17.20	0.43	5,723	170.99	0.46
17.30	0.42	5,710	170.98	0.45
17.40	0.41	5,697	170.98	0.45
17.50	0.40	5,685	170.97	0.44
17.60	0.39	5,672	170.97	0.43
17.70	0.39	5,660	170.96	0.42
17.80	0.38	5,647	170.96	0.41
17.90	0.37	5,634	170.96	0.40
18.00	0.36	5,622	170.95	0.40
18.10	0.35	5,609	170.95	0.39
18.20	0.34	5,596	170.94	0.38
18.30	0.34	5,585	170.94	0.37
18.40	0.34	5,574	170.93	0.36
18.50	0.34	5,566	170.93	0.36
18.60	0.33	5,558	170.93	0.35
18.70	0.33	5,552	170.93	0.35
18.80	0.33	5,546	170.92	0.35
18.90	0.33	5,540	170.92	0.34
19.00	0.33	5,535	170.92	0.34
19.10	0.32	5,531	170.92	0.34
19.20	0.32	5,526	170.92	0.33
19.30	0.32	5,522	170.92	0.33
19.40	0.32	5,518	170.92	0.33
19.50	0.32	5,514	170.91	0.33
19.60	0.31	5,510	170.91	0.32
19.70	0.31	5,507	170.91	0.32
19.80	0.31	5,503	170.91	0.32
19.90	0.31	5,500	170.91	0.32
20.00	0.31	5,496	170.91	0.32
20.10	0.30	5,493	170.91	0.31
20.20	0.30	5,489	170.90	0.31
20.30	0.30	5,485	170.90	0.31
20.40	0.30	5,482	170.90	0.31
20.50	0.29	5,478	170.90	0.30
20.60	0.29	5,475	170.90	0.30
20.70	0.29	5,471	170.90	0.30

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.29	5,468	170.90	0.30
20.90	0.29	5,464	170.90	0.30
21.00	0.28	5,461	170.89	0.29
21.10	0.28	5,457	170.89	0.29
21.20	0.28	5,454	170.89	0.29
21.30	0.28	5,450	170.89	0.29
21.40	0.28	5,447	170.89	0.29
21.50	0.27	5,443	170.89	0.28
21.60	0.27	5,440	170.89	0.28
21.70	0.27	5,436	170.89	0.28
21.80	0.27	5,433	170.89	0.28
21.90	0.27	5,429	170.88	0.27
22.00	0.26	5,426	170.88	0.27
22.10	0.26	5,422	170.88	0.27
22.20	0.26	5,419	170.88	0.27
22.30	0.26	5,416	170.88	0.27
22.40	0.25	5,412	170.88	0.26
22.50	0.25	5,409	170.88	0.26
22.60	0.25	5,405	170.88	0.26
22.70	0.25	5,402	170.87	0.26
22.80	0.25	5,398	170.87	0.26
22.90	0.24	5,395	170.87	0.25
23.00	0.24	5,391	170.87	0.25
23.10	0.24	5,388	170.87	0.25
23.20	0.24	5,384	170.87	0.25
23.30	0.23	5,380	170.87	0.25
23.40	0.23	5,376	170.87	0.24
23.50	0.23	5,373	170.86	0.24
23.60	0.23	5,369	170.86	0.24
23.70	0.23	5,365	170.86	0.24
23.80	0.23	5,362	170.86	0.24
23.90	0.22	5,358	170.86	0.23
24.00	0.23	5,355	170.86	0.23
24.10	0.20	5,354	170.86	0.23
24.20	0.06	5,318	170.84	0.21
24.30	0.01	5,258	170.82	0.18
24.40	0.00	5,201	170.80	0.15
24.50	0.00	5,151	170.78	0.13
24.60	0.00	5,109	170.77	0.11
24.70	0.00	5,072	170.76	0.10
24.80	0.00	5,040	170.74	0.08
24.90	0.00	5,012	170.73	0.07
25.00	0.00	4,987	170.72	0.06
25.10	0.00	4,966	170.72	0.06
25.20	0.00	4,946	170.71	0.05
25.30	0.00	4,928	170.70	0.05
25.40	0.00	4,912	170.70	0.04
25.50	0.00	4,898	170.69	0.04
25.60	0.00	4,885	170.69	0.03
25.70	0.00	4,873	170.68	0.03
25.80	0.00	4,862	170.68	0.03
25.90	0.00	4,852	170.67	0.03

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,843	170.67	0.02
26.10	0.00	4,835	170.67	0.02
26.20	0.00	4,827	170.67	0.02
26.30	0.00	4,819	170.66	0.02
26.40	0.00	4,812	170.66	0.02
26.50	0.00	4,805	170.66	0.02
26.60	0.00	4,799	170.66	0.02
26.70	0.00	4,793	170.65	0.02
26.80	0.00	4,787	170.65	0.02
26.90	0.00	4,782	170.65	0.01
27.00	0.00	4,777	170.65	0.01
27.10	0.00	4,772	170.65	0.01
27.20	0.00	4,767	170.64	0.01
27.30	0.00	4,763	170.64	0.01
27.40	0.00	4,759	170.64	0.01
27.50	0.00	4,755	170.64	0.01
27.60	0.00	4,751	170.64	0.01
27.70	0.00	4,748	170.64	0.01
27.80	0.00	4,745	170.63	0.01
27.90	0.00	4,742	170.63	0.01
28.00	0.00	4,739	170.63	0.01
28.10	0.00	4,736	170.63	0.01
28.20	0.00	4,733	170.63	0.01
28.30	0.00	4,731	170.63	0.01
28.40	0.00	4,729	170.63	0.01
28.50	0.00	4,726	170.63	0.01
28.60	0.00	4,724	170.63	0.01
28.70	0.00	4,722	170.63	0.01
28.80	0.00	4,720	170.63	0.01
28.90	0.00	4,719	170.63	0.00
29.00	0.00	4,717	170.62	0.00
29.10	0.00	4,715	170.62	0.00
29.20	0.00	4,714	170.62	0.00
29.30	0.00	4,713	170.62	0.00
29.40	0.00	4,711	170.62	0.00
29.50	0.00	4,710	170.62	0.00
29.60	0.00	4,708	170.62	0.00
29.70	0.00	4,707	170.62	0.00
29.80	0.00	4,706	170.62	0.00
29.90	0.00	4,704	170.62	0.00
30.00	0.00	4,703	170.62	0.00
30.10	0.00	4,702	170.62	0.00
30.20	0.00	4,700	170.62	0.00
30.30	0.00	4,699	170.62	0.00
30.40	0.00	4,698	170.62	0.00
30.50	0.00	4,697	170.62	0.00
30.60	0.00	4,696	170.62	0.00
30.70	0.00	4,694	170.62	0.00
30.80	0.00	4,693	170.62	0.00
30.90	0.00	4,692	170.62	0.00
31.00	0.00	4,691	170.61	0.00
31.10	0.00	4,690	170.61	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,689	170.61	0.00
31.30	0.00	4,688	170.61	0.00
31.40	0.00	4,687	170.61	0.00
31.50	0.00	4,686	170.61	0.00
31.60	0.00	4,685	170.61	0.00
31.70	0.00	4,684	170.61	0.00
31.80	0.00	4,683	170.61	0.00
31.90	0.00	4,682	170.61	0.00
32.00	0.00	4,681	170.61	0.00
32.10	0.00	4,680	170.61	0.00
32.20	0.00	4,679	170.61	0.00
32.30	0.00	4,678	170.61	0.00
32.40	0.00	4,678	170.61	0.00
32.50	0.00	4,677	170.61	0.00
32.60	0.00	4,676	170.61	0.00
32.70	0.00	4,675	170.61	0.00
32.80	0.00	4,674	170.61	0.00
32.90	0.00	4,673	170.61	0.00
33.00	0.00	4,673	170.61	0.00
33.10	0.00	4,672	170.61	0.00
33.20	0.00	4,671	170.61	0.00
33.30	0.00	4,670	170.61	0.00
33.40	0.00	4,670	170.61	0.00
33.50	0.00	4,669	170.61	0.00
33.60	0.00	4,668	170.61	0.00
33.70	0.00	4,667	170.61	0.00
33.80	0.00	4,667	170.61	0.00
33.90	0.00	4,666	170.61	0.00
34.00	0.00	4,665	170.60	0.00
34.10	0.00	4,665	170.60	0.00
34.20	0.00	4,664	170.60	0.00
34.30	0.00	4,664	170.60	0.00
34.40	0.00	4,663	170.60	0.00
34.50	0.00	4,662	170.60	0.00
34.60	0.00	4,662	170.60	0.00
34.70	0.00	4,661	170.60	0.00
34.80	0.00	4,661	170.60	0.00
34.90	0.00	4,660	170.60	0.00
35.00	0.00	4,659	170.60	0.00
35.10	0.00	4,659	170.60	0.00
35.20	0.00	4,658	170.60	0.00
35.30	0.00	4,658	170.60	0.00
35.40	0.00	4,657	170.60	0.00
35.50	0.00	4,657	170.60	0.00
35.60	0.00	4,656	170.60	0.00
35.70	0.00	4,656	170.60	0.00
35.80	0.00	4,655	170.60	0.00
35.90	0.00	4,655	170.60	0.00
36.00	0.00	4,654	170.60	0.00
36.10	0.00	4,654	170.60	0.00
36.20	0.00	4,653	170.60	0.00
36.30	0.00	4,653	170.60	0.00

Hydrograph for Pond B-27: Basin #27 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,652	170.60	0.00
36.50	0.00	4,652	170.60	0.00
36.60	0.00	4,652	170.60	0.00
36.70	0.00	4,651	170.60	0.00
36.80	0.00	4,651	170.60	0.00
36.90	0.00	4,650	170.60	0.00
37.00	0.00	4,650	170.60	0.00
37.10	0.00	4,649	170.60	0.00
37.20	0.00	4,649	170.60	0.00
37.30	0.00	4,649	170.60	0.00
37.40	0.00	4,648	170.60	0.00
37.50	0.00	4,648	170.60	0.00
37.60	0.00	4,648	170.60	0.00
37.70	0.00	4,647	170.60	0.00
37.80	0.00	4,647	170.60	0.00
37.90	0.00	4,647	170.60	0.00
38.00	0.00	4,646	170.60	0.00
38.10	0.00	4,646	170.60	0.00
38.20	0.00	4,646	170.60	0.00
38.30	0.00	4,645	170.60	0.00
38.40	0.00	4,645	170.60	0.00
38.50	0.00	4,645	170.60	0.00
38.60	0.00	4,644	170.60	0.00
38.70	0.00	4,644	170.60	0.00
38.80	0.00	4,644	170.60	0.00
38.90	0.00	4,643	170.60	0.00
39.00	0.00	4,643	170.60	0.00
39.10	0.00	4,643	170.60	0.00
39.20	0.00	4,643	170.60	0.00
39.30	0.00	4,642	170.60	0.00
39.40	0.00	4,642	170.60	0.00
39.50	0.00	4,642	170.60	0.00
39.60	0.00	4,641	170.60	0.00
39.70	0.00	4,641	170.60	0.00
39.80	0.00	4,641	170.60	0.00
39.90	0.00	4,641	170.60	0.00
40.00	0.00	4,640	170.60	0.00

Stage-Discharge for Pond B-27: Basin #27

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.00	0.00	168.52	0.00	169.04	0.00	169.56	0.00
168.01	0.00	168.53	0.00	169.05	0.00	169.57	0.00
168.02	0.00	168.54	0.00	169.06	0.00	169.58	0.00
168.03	0.00	168.55	0.00	169.07	0.00	169.59	0.00
168.04	0.00	168.56	0.00	169.08	0.00	169.60	0.00
168.05	0.00	168.57	0.00	169.09	0.00	169.61	0.00
168.06	0.00	168.58	0.00	169.10	0.00	169.62	0.00
168.07	0.00	168.59	0.00	169.11	0.00	169.63	0.00
168.08	0.00	168.60	0.00	169.12	0.00	169.64	0.00
168.09	0.00	168.61	0.00	169.13	0.00	169.65	0.00
168.10	0.00	168.62	0.00	169.14	0.00	169.66	0.00
168.11	0.00	168.63	0.00	169.15	0.00	169.67	0.00
168.12	0.00	168.64	0.00	169.16	0.00	169.68	0.00
168.13	0.00	168.65	0.00	169.17	0.00	169.69	0.00
168.14	0.00	168.66	0.00	169.18	0.00	169.70	0.00
168.15	0.00	168.67	0.00	169.19	0.00	169.71	0.00
168.16	0.00	168.68	0.00	169.20	0.00	169.72	0.00
168.17	0.00	168.69	0.00	169.21	0.00	169.73	0.00
168.18	0.00	168.70	0.00	169.22	0.00	169.74	0.00
168.19	0.00	168.71	0.00	169.23	0.00	169.75	0.00
168.20	0.00	168.72	0.00	169.24	0.00	169.76	0.00
168.21	0.00	168.73	0.00	169.25	0.00	169.77	0.00
168.22	0.00	168.74	0.00	169.26	0.00	169.78	0.00
168.23	0.00	168.75	0.00	169.27	0.00	169.79	0.00
168.24	0.00	168.76	0.00	169.28	0.00	169.80	0.00
168.25	0.00	168.77	0.00	169.29	0.00	169.81	0.00
168.26	0.00	168.78	0.00	169.30	0.00	169.82	0.00
168.27	0.00	168.79	0.00	169.31	0.00	169.83	0.00
168.28	0.00	168.80	0.00	169.32	0.00	169.84	0.00
168.29	0.00	168.81	0.00	169.33	0.00	169.85	0.00
168.30	0.00	168.82	0.00	169.34	0.00	169.86	0.00
168.31	0.00	168.83	0.00	169.35	0.00	169.87	0.00
168.32	0.00	168.84	0.00	169.36	0.00	169.88	0.00
168.33	0.00	168.85	0.00	169.37	0.00	169.89	0.00
168.34	0.00	168.86	0.00	169.38	0.00	169.90	0.00
168.35	0.00	168.87	0.00	169.39	0.00	169.91	0.00
168.36	0.00	168.88	0.00	169.40	0.00	169.92	0.00
168.37	0.00	168.89	0.00	169.41	0.00	169.93	0.00
168.38	0.00	168.90	0.00	169.42	0.00	169.94	0.00
168.39	0.00	168.91	0.00	169.43	0.00	169.95	0.00
168.40	0.00	168.92	0.00	169.44	0.00	169.96	0.00
168.41	0.00	168.93	0.00	169.45	0.00	169.97	0.00
168.42	0.00	168.94	0.00	169.46	0.00	169.98	0.00
168.43	0.00	168.95	0.00	169.47	0.00	169.99	0.00
168.44	0.00	168.96	0.00	169.48	0.00	170.00	0.00
168.45	0.00	168.97	0.00	169.49	0.00	170.01	0.00
168.46	0.00	168.98	0.00	169.50	0.00	170.02	0.00
168.47	0.00	168.99	0.00	169.51	0.00	170.03	0.00
168.48	0.00	169.00	0.00	169.52	0.00	170.04	0.00
168.49	0.00	169.01	0.00	169.53	0.00	170.05	0.00
168.50	0.00	169.02	0.00	169.54	0.00	170.06	0.00
168.51	0.00	169.03	0.00	169.55	0.00	170.07	0.00

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
170.08	0.00	170.60	0.00	171.12	0.74	171.64	1.42
170.09	0.00	170.61	0.00	171.13	0.76	171.65	1.43
170.10	0.00	170.62	0.00	171.14	0.78	171.66	1.44
170.11	0.00	170.63	0.01	171.15	0.80	171.67	1.45
170.12	0.00	170.64	0.01	171.16	0.82	171.68	1.46
170.13	0.00	170.65	0.01	171.17	0.84	171.69	1.47
170.14	0.00	170.66	0.02	171.18	0.85	171.70	1.48
170.15	0.00	170.67	0.02	171.19	0.87	171.71	1.49
170.16	0.00	170.68	0.03	171.20	0.89	171.72	1.50
170.17	0.00	170.69	0.04	171.21	0.91	171.73	1.51
170.18	0.00	170.70	0.04	171.22	0.92	171.74	1.52
170.19	0.00	170.71	0.05	171.23	0.94	171.75	1.53
170.20	0.00	170.72	0.06	171.24	0.95	171.76	1.54
170.21	0.00	170.73	0.07	171.25	0.96	171.77	1.56
170.22	0.00	170.74	0.08	171.26	0.98	171.78	1.59
170.23	0.00	170.75	0.09	171.27	0.99	171.79	1.62
170.24	0.00	170.76	0.10	171.28	1.00	171.80	1.65
170.25	0.00	170.77	0.11	171.29	1.02	171.81	1.68
170.26	0.00	170.78	0.12	171.30	1.03	171.82	1.71
170.27	0.00	170.79	0.13	171.31	1.05	171.83	1.75
170.28	0.00	170.80	0.15	171.32	1.06	171.84	1.78
170.29	0.00	170.81	0.16	171.33	1.07	171.85	1.82
170.30	0.00	170.82	0.17	171.34	1.08	171.86	1.86
170.31	0.00	170.83	0.19	171.35	1.10	171.87	1.90
170.32	0.00	170.84	0.20	171.36	1.11	171.88	1.95
170.33	0.00	170.85	0.22	171.37	1.12	171.89	1.99
170.34	0.00	170.86	0.23	171.38	1.14	171.90	2.04
170.35	0.00	170.87	0.25	171.39	1.15	171.91	2.08
170.36	0.00	170.88	0.27	171.40	1.16	171.92	2.13
170.37	0.00	170.89	0.28	171.41	1.17	171.93	2.18
170.38	0.00	170.90	0.30	171.42	1.18	171.94	2.23
170.39	0.00	170.91	0.32	171.43	1.20	171.95	2.28
170.40	0.00	170.92	0.34	171.44	1.21	171.96	2.33
170.41	0.00	170.93	0.36	171.45	1.22	171.97	2.38
170.42	0.00	170.94	0.37	171.46	1.23	171.98	2.43
170.43	0.00	170.95	0.39	171.47	1.24	171.99	2.49
170.44	0.00	170.96	0.41	171.48	1.25	172.00	2.54
170.45	0.00	170.97	0.43	171.49	1.27	172.01	2.60
170.46	0.00	170.98	0.45	171.50	1.28	172.02	2.65
170.47	0.00	170.99	0.47	171.51	1.29	172.03	2.71
170.48	0.00	171.00	0.49	171.52	1.30	172.04	2.77
170.49	0.00	171.01	0.51	171.53	1.31	172.05	2.83
170.50	0.00	171.02	0.53	171.54	1.32	172.06	2.89
170.51	0.00	171.03	0.55	171.55	1.33	172.07	2.95
170.52	0.00	171.04	0.57	171.56	1.34	172.08	3.01
170.53	0.00	171.05	0.59	171.57	1.35	172.09	3.07
170.54	0.00	171.06	0.61	171.58	1.36	172.10	3.13
170.55	0.00	171.07	0.63	171.59	1.37	172.11	3.19
170.56	0.00	171.08	0.66	171.60	1.38	172.12	3.26
170.57	0.00	171.09	0.68	171.61	1.39	172.13	3.32
170.58	0.00	171.10	0.70	171.62	1.40	172.14	3.38
170.59	0.00	171.11	0.72	171.63	1.41	172.15	3.45

Stage-Discharge for Pond B-27: Basin #27 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
172.16	3.52	172.68	11.16
172.17	3.58	172.69	11.37
172.18	3.65	172.70	11.58
172.19	3.72	172.71	11.79
172.20	3.78	172.72	12.01
172.21	3.85	172.73	12.23
172.22	3.92	172.74	12.45
172.23	3.99	172.75	12.67
172.24	4.06	172.76	12.89
172.25	4.13	172.77	13.11
172.26	4.22	172.78	13.34
172.27	4.31	172.79	13.56
172.28	4.42	172.80	13.79
172.29	4.52	172.81	14.02
172.30	4.64	172.82	14.25
172.31	4.76	172.83	14.48
172.32	4.88	172.84	14.71
172.33	5.01	172.85	14.94
172.34	5.14	172.86	15.18
172.35	5.28	172.87	15.42
172.36	5.41	172.88	15.65
172.37	5.56	172.89	15.89
172.38	5.70	172.90	16.13
172.39	5.85	172.91	16.49
172.40	6.00	172.92	16.95
172.41	6.15	172.93	17.47
172.42	6.31	172.94	18.04
172.43	6.47	172.95	18.66
172.44	6.63		
172.45	6.80		
172.46	6.96		
172.47	7.13		
172.48	7.30		
172.49	7.48		
172.50	7.65		
172.51	7.83		
172.52	8.01		
172.53	8.20		
172.54	8.38		
172.55	8.57		
172.56	8.75		
172.57	8.94		
172.58	9.14		
172.59	9.33		
172.60	9.53		
172.61	9.72		
172.62	9.92		
172.63	10.13		
172.64	10.33		
172.65	10.53		
172.66	10.74		
172.67	10.95		

Stage-Area-Storage for Pond B-27: Basin #27

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.00	1,002	0	168.52	1,304	600
168.01	1,008	10	168.53	1,310	613
168.02	1,014	20	168.54	1,316	626
168.03	1,019	30	168.55	1,322	639
168.04	1,025	41	168.56	1,327	652
168.05	1,031	51	168.57	1,333	666
168.06	1,037	61	168.58	1,339	679
168.07	1,043	72	168.59	1,345	692
168.08	1,048	82	168.60	1,351	706
168.09	1,054	93	168.61	1,356	719
168.10	1,060	103	168.62	1,362	733
168.11	1,066	114	168.63	1,368	747
168.12	1,072	124	168.64	1,374	760
168.13	1,078	135	168.65	1,380	774
168.14	1,083	146	168.66	1,385	788
168.15	1,089	157	168.67	1,391	802
168.16	1,095	168	168.68	1,397	816
168.17	1,101	179	168.69	1,403	830
168.18	1,107	190	168.70	1,409	844
168.19	1,112	201	168.71	1,415	858
168.20	1,118	212	168.72	1,420	872
168.21	1,124	223	168.73	1,426	886
168.22	1,130	235	168.74	1,432	901
168.23	1,136	246	168.75	1,438	915
168.24	1,141	257	168.76	1,444	929
168.25	1,147	269	168.77	1,449	944
168.26	1,153	280	168.78	1,455	958
168.27	1,159	292	168.79	1,461	973
168.28	1,165	303	168.80	1,467	988
168.29	1,170	315	168.81	1,473	1,002
168.30	1,176	327	168.82	1,478	1,017
168.31	1,182	339	168.83	1,484	1,032
168.32	1,188	350	168.84	1,490	1,047
168.33	1,194	362	168.85	1,496	1,062
168.34	1,200	374	168.86	1,502	1,077
168.35	1,205	386	168.87	1,507	1,092
168.36	1,211	398	168.88	1,513	1,107
168.37	1,217	411	168.89	1,519	1,122
168.38	1,223	423	168.90	1,525	1,137
168.39	1,229	435	168.91	1,531	1,152
168.40	1,234	447	168.92	1,537	1,168
168.41	1,240	460	168.93	1,542	1,183
168.42	1,246	472	168.94	1,548	1,199
168.43	1,252	485	168.95	1,554	1,214
168.44	1,258	497	168.96	1,560	1,230
168.45	1,263	510	168.97	1,566	1,245
168.46	1,269	522	168.98	1,571	1,261
168.47	1,275	535	168.99	1,577	1,277
168.48	1,281	548	169.00	1,583	1,293
168.49	1,287	561	169.01	1,589	1,308
168.50	1,293	574	169.02	1,596	1,324
168.51	1,298	587	169.03	1,602	1,340

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.04	1,609	1,356	169.56	1,940	2,279
169.05	1,615	1,372	169.57	1,947	2,298
169.06	1,621	1,389	169.58	1,953	2,318
169.07	1,628	1,405	169.59	1,959	2,338
169.08	1,634	1,421	169.60	1,966	2,357
169.09	1,640	1,438	169.61	1,972	2,377
169.10	1,647	1,454	169.62	1,979	2,397
169.11	1,653	1,470	169.63	1,985	2,416
169.12	1,660	1,487	169.64	1,991	2,436
169.13	1,666	1,504	169.65	1,998	2,456
169.14	1,672	1,520	169.66	2,004	2,476
169.15	1,679	1,537	169.67	2,010	2,496
169.16	1,685	1,554	169.68	2,017	2,516
169.17	1,691	1,571	169.69	2,023	2,537
169.18	1,698	1,588	169.70	2,030	2,557
169.19	1,704	1,605	169.71	2,036	2,577
169.20	1,711	1,622	169.72	2,042	2,598
169.21	1,717	1,639	169.73	2,049	2,618
169.22	1,723	1,656	169.74	2,055	2,639
169.23	1,730	1,673	169.75	2,062	2,659
169.24	1,736	1,691	169.76	2,068	2,680
169.25	1,743	1,708	169.77	2,074	2,701
169.26	1,749	1,726	169.78	2,081	2,721
169.27	1,755	1,743	169.79	2,087	2,742
169.28	1,762	1,761	169.80	2,093	2,763
169.29	1,768	1,778	169.81	2,100	2,784
169.30	1,774	1,796	169.82	2,106	2,805
169.31	1,781	1,814	169.83	2,113	2,826
169.32	1,787	1,832	169.84	2,119	2,847
169.33	1,794	1,850	169.85	2,125	2,869
169.34	1,800	1,868	169.86	2,132	2,890
169.35	1,806	1,886	169.87	2,138	2,911
169.36	1,813	1,904	169.88	2,144	2,933
169.37	1,819	1,922	169.89	2,151	2,954
169.38	1,825	1,940	169.90	2,157	2,976
169.39	1,832	1,958	169.91	2,164	2,997
169.40	1,838	1,977	169.92	2,170	3,019
169.41	1,845	1,995	169.93	2,176	3,041
169.42	1,851	2,014	169.94	2,183	3,062
169.43	1,857	2,032	169.95	2,189	3,084
169.44	1,864	2,051	169.96	2,195	3,106
169.45	1,870	2,069	169.97	2,202	3,128
169.46	1,876	2,088	169.98	2,208	3,150
169.47	1,883	2,107	169.99	2,215	3,172
169.48	1,889	2,126	170.00	2,221	3,195
169.49	1,896	2,145	170.01	2,228	3,217
169.50	1,902	2,164	170.02	2,235	3,239
169.51	1,908	2,183	170.03	2,242	3,261
169.52	1,915	2,202	170.04	2,249	3,284
169.53	1,921	2,221	170.05	2,256	3,306
169.54	1,928	2,240	170.06	2,263	3,329
169.55	1,934	2,260	170.07	2,270	3,352

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.08	2,277	3,374	170.60	2,638	4,652
170.09	2,284	3,397	170.61	2,645	4,679
170.10	2,290	3,420	170.62	2,652	4,705
170.11	2,297	3,443	170.63	2,659	4,732
170.12	2,304	3,466	170.64	2,666	4,758
170.13	2,311	3,489	170.65	2,673	4,785
170.14	2,318	3,512	170.66	2,680	4,812
170.15	2,325	3,535	170.67	2,687	4,839
170.16	2,332	3,559	170.68	2,694	4,865
170.17	2,339	3,582	170.69	2,701	4,892
170.18	2,346	3,606	170.70	2,707	4,919
170.19	2,353	3,629	170.71	2,714	4,947
170.20	2,360	3,653	170.72	2,721	4,974
170.21	2,367	3,676	170.73	2,728	5,001
170.22	2,374	3,700	170.74	2,735	5,028
170.23	2,381	3,724	170.75	2,742	5,056
170.24	2,388	3,748	170.76	2,749	5,083
170.25	2,395	3,771	170.77	2,756	5,111
170.26	2,402	3,795	170.78	2,763	5,138
170.27	2,409	3,820	170.79	2,770	5,166
170.28	2,416	3,844	170.80	2,777	5,194
170.29	2,423	3,868	170.81	2,784	5,222
170.30	2,430	3,892	170.82	2,791	5,249
170.31	2,436	3,916	170.83	2,798	5,277
170.32	2,443	3,941	170.84	2,805	5,305
170.33	2,450	3,965	170.85	2,812	5,333
170.34	2,457	3,990	170.86	2,819	5,362
170.35	2,464	4,014	170.87	2,826	5,390
170.36	2,471	4,039	170.88	2,833	5,418
170.37	2,478	4,064	170.89	2,840	5,446
170.38	2,485	4,089	170.90	2,847	5,475
170.39	2,492	4,114	170.91	2,853	5,503
170.40	2,499	4,139	170.92	2,860	5,532
170.41	2,506	4,164	170.93	2,867	5,561
170.42	2,513	4,189	170.94	2,874	5,589
170.43	2,520	4,214	170.95	2,881	5,618
170.44	2,527	4,239	170.96	2,888	5,647
170.45	2,534	4,264	170.97	2,895	5,676
170.46	2,541	4,290	170.98	2,902	5,705
170.47	2,548	4,315	170.99	2,909	5,734
170.48	2,555	4,341	171.00	2,916	5,763
170.49	2,562	4,366	171.01	2,924	5,792
170.50	2,569	4,392	171.02	2,931	5,821
170.51	2,575	4,418	171.03	2,939	5,851
170.52	2,582	4,443	171.04	2,946	5,880
170.53	2,589	4,469	171.05	2,954	5,910
170.54	2,596	4,495	171.06	2,961	5,939
170.55	2,603	4,521	171.07	2,969	5,969
170.56	2,610	4,547	171.08	2,976	5,999
170.57	2,617	4,573	171.09	2,984	6,028
170.58	2,624	4,600	171.10	2,991	6,058
170.59	2,631	4,626	171.11	2,999	6,088

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
171.12	3,006	6,118	171.64	3,397	7,783
171.13	3,014	6,148	171.65	3,404	7,817
171.14	3,021	6,179	171.66	3,412	7,851
171.15	3,029	6,209	171.67	3,419	7,885
171.16	3,036	6,239	171.68	3,427	7,920
171.17	3,044	6,270	171.69	3,434	7,954
171.18	3,051	6,300	171.70	3,442	7,988
171.19	3,059	6,331	171.71	3,449	8,023
171.20	3,066	6,361	171.72	3,457	8,057
171.21	3,074	6,392	171.73	3,464	8,092
171.22	3,081	6,423	171.74	3,472	8,126
171.23	3,089	6,454	171.75	3,479	8,161
171.24	3,096	6,484	171.76	3,487	8,196
171.25	3,104	6,515	171.77	3,494	8,231
171.26	3,111	6,547	171.78	3,502	8,266
171.27	3,119	6,578	171.79	3,509	8,301
171.28	3,126	6,609	171.80	3,517	8,336
171.29	3,134	6,640	171.81	3,524	8,371
171.30	3,141	6,672	171.82	3,532	8,407
171.31	3,149	6,703	171.83	3,539	8,442
171.32	3,156	6,735	171.84	3,547	8,477
171.33	3,164	6,766	171.85	3,554	8,513
171.34	3,171	6,798	171.86	3,562	8,548
171.35	3,179	6,830	171.87	3,569	8,584
171.36	3,186	6,861	171.88	3,577	8,620
171.37	3,194	6,893	171.89	3,584	8,656
171.38	3,201	6,925	171.90	3,592	8,692
171.39	3,209	6,957	171.91	3,599	8,728
171.40	3,216	6,989	171.92	3,607	8,764
171.41	3,224	7,022	171.93	3,614	8,800
171.42	3,231	7,054	171.94	3,622	8,836
171.43	3,239	7,086	171.95	3,629	8,872
171.44	3,246	7,119	171.96	3,637	8,908
171.45	3,254	7,151	171.97	3,644	8,945
171.46	3,261	7,184	171.98	3,652	8,981
171.47	3,269	7,216	171.99	3,659	9,018
171.48	3,276	7,249	172.00	3,667	9,055
171.49	3,284	7,282	172.01	3,671	9,091
171.50	3,292	7,315	172.02	3,675	9,128
171.51	3,299	7,348	172.03	3,680	9,165
171.52	3,307	7,381	172.04	3,684	9,202
171.53	3,314	7,414	172.05	3,688	9,238
171.54	3,322	7,447	172.06	3,692	9,275
171.55	3,329	7,480	172.07	3,696	9,312
171.56	3,337	7,514	172.08	3,700	9,349
171.57	3,344	7,547	172.09	3,705	9,386
171.58	3,352	7,581	172.10	3,709	9,423
171.59	3,359	7,614	172.11	3,713	9,460
171.60	3,367	7,648	172.12	3,717	9,498
171.61	3,374	7,681	172.13	3,721	9,535
171.62	3,382	7,715	172.14	3,726	9,572
171.63	3,389	7,749	172.15	3,730	9,609

Stage-Area-Storage for Pond B-27: Basin #27 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
172.16	3,734	9,647	172.68	3,951	11,645
172.17	3,738	9,684	172.69	3,955	11,684
172.18	3,742	9,721	172.70	3,960	11,724
172.19	3,746	9,759	172.71	3,964	11,763
172.20	3,751	9,796	172.72	3,968	11,803
172.21	3,755	9,834	172.73	3,972	11,843
172.22	3,759	9,871	172.74	3,976	11,882
172.23	3,763	9,909	172.75	3,980	11,922
172.24	3,767	9,947	172.76	3,985	11,962
172.25	3,771	9,984	172.77	3,989	12,002
172.26	3,776	10,022	172.78	3,993	12,042
172.27	3,780	10,060	172.79	3,997	12,082
172.28	3,784	10,098	172.80	4,001	12,122
172.29	3,788	10,136	172.81	4,005	12,162
172.30	3,792	10,173	172.82	4,010	12,202
172.31	3,797	10,211	172.83	4,014	12,242
172.32	3,801	10,249	172.84	4,018	12,282
172.33	3,805	10,287	172.85	4,022	12,322
172.34	3,809	10,325	172.86	4,026	12,363
172.35	3,813	10,364	172.87	4,031	12,403
172.36	3,817	10,402	172.88	4,035	12,443
172.37	3,822	10,440	172.89	4,039	12,484
172.38	3,826	10,478	172.90	4,043	12,524
172.39	3,830	10,516	172.91	4,047	12,564
172.40	3,834	10,555	172.92	4,051	12,605
172.41	3,838	10,593	172.93	4,056	12,646
172.42	3,843	10,631	172.94	4,060	12,686
172.43	3,847	10,670	172.95	4,064	12,727
172.44	3,851	10,708			
172.45	3,855	10,747			
172.46	3,859	10,786			
172.47	3,863	10,824			
172.48	3,868	10,863			
172.49	3,872	10,901			
172.50	3,876	10,940			
172.51	3,880	10,979			
172.52	3,884	11,018			
172.53	3,888	11,057			
172.54	3,893	11,096			
172.55	3,897	11,135			
172.56	3,901	11,174			
172.57	3,905	11,213			
172.58	3,909	11,252			
172.59	3,914	11,291			
172.60	3,918	11,330			
172.61	3,922	11,369			
172.62	3,926	11,408			
172.63	3,930	11,448			
172.64	3,934	11,487			
172.65	3,939	11,526			
172.66	3,943	11,566			
172.67	3,947	11,605			

Summary for Pond B-28: Basin #28

Inflow Area = 2.333 ac, 34.85% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 20.89 cfs @ 12.17 hrs, Volume= 1.709 af
 Outflow = 14.52 cfs @ 12.27 hrs, Volume= 1.629 af, Atten= 31%, Lag= 6.0 min
 Primary = 14.52 cfs @ 12.27 hrs, Volume= 1.629 af
 Routed to Link PDA-2 : Proposed Drainage Area #2

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 170.34' @ 12.27 hrs Surf.Area= 4,229 sf Storage= 11,420 cf

Plug-Flow detention time= 60.2 min calculated for 1.629 af (95% of inflow)
 Center-of-Mass det. time= 32.4 min (813.3 - 780.9)

Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	12,118 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	1,145	0	0
167.00	1,778	1,462	1,462
168.00	2,465	2,122	3,583
169.00	3,210	2,838	6,421
170.00	4,012	3,611	10,032
170.50	4,334	2,087	12,118

Device	Routing	Invert	Outlet Devices
#1	Primary	165.65'	18.0" Round Culvert L= 186.0' Ke= 0.500 Inlet / Outlet Invert= 165.65' / 163.70' S= 0.0105 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	167.95'	30.0" W x 9.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.50'	1.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Device 1	170.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	170.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=14.49 cfs @ 12.27 hrs HW=170.32' (Free Discharge)

1=Culvert (Barrel Controls 14.49 cfs @ 8.20 fps)
 2=Orifice/Grate (Passes < 12.72 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 2.02 cfs potential flow)
 4=Sharp-Crested Rectangular Weir (Passes < 2.28 cfs potential flow)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

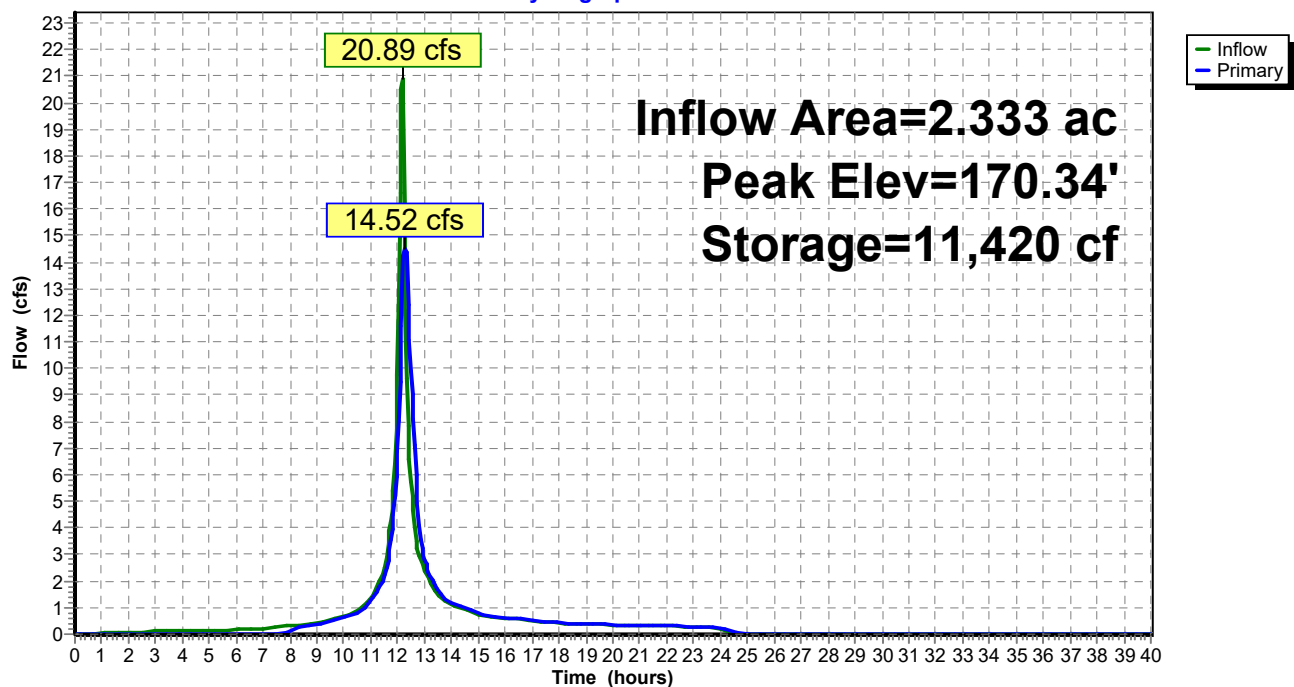
Sharp-Crested Rectangular Weir

Pond B-28: Basin #28

Culvert

Pond B-28: Basin #28

Hydrograph



Hydrograph for Pond B-28: Basin #28

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	1	166.00	0.00
0.60	0.01	3	166.00	0.00
0.70	0.02	9	166.01	0.00
0.80	0.03	17	166.02	0.00
0.90	0.03	29	166.02	0.00
1.00	0.04	42	166.04	0.00
1.10	0.05	58	166.05	0.00
1.20	0.05	75	166.06	0.00
1.30	0.06	94	166.08	0.00
1.40	0.06	115	166.10	0.00
1.50	0.06	137	166.12	0.00
1.60	0.07	161	166.14	0.00
1.70	0.07	186	166.16	0.00
1.80	0.07	212	166.18	0.00
1.90	0.08	239	166.20	0.00
2.00	0.08	267	166.22	0.00
2.10	0.08	296	166.24	0.00
2.20	0.08	326	166.26	0.00
2.30	0.09	356	166.29	0.00
2.40	0.09	388	166.31	0.00
2.50	0.09	420	166.34	0.00
2.60	0.09	453	166.36	0.00
2.70	0.09	487	166.38	0.00
2.80	0.10	522	166.41	0.00
2.90	0.10	557	166.43	0.00
3.00	0.10	593	166.46	0.00
3.10	0.10	629	166.48	0.00
3.20	0.10	666	166.51	0.00
3.30	0.11	704	166.54	0.00
3.40	0.11	742	166.56	0.00
3.50	0.11	781	166.59	0.00
3.60	0.11	820	166.61	0.00
3.70	0.11	860	166.64	0.00
3.80	0.11	900	166.66	0.00
3.90	0.11	941	166.69	0.00
4.00	0.12	982	166.72	0.00
4.10	0.12	1,024	166.74	0.00
4.20	0.12	1,066	166.77	0.00
4.30	0.12	1,109	166.79	0.00
4.40	0.12	1,152	166.82	0.00
4.50	0.12	1,196	166.85	0.00
4.60	0.12	1,240	166.87	0.00
4.70	0.12	1,284	166.90	0.00
4.80	0.13	1,329	166.92	0.00
4.90	0.13	1,374	166.95	0.00
5.00	0.13	1,420	166.98	0.00
5.10	0.13	1,466	167.00	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.13	1,513	167.03	0.00
5.30	0.13	1,561	167.06	0.00
5.40	0.14	1,610	167.08	0.00
5.50	0.14	1,661	167.11	0.00
5.60	0.15	1,712	167.14	0.00
5.70	0.15	1,765	167.17	0.00
5.80	0.15	1,820	167.19	0.00
5.90	0.16	1,875	167.22	0.00
6.00	0.16	1,932	167.25	0.00
6.10	0.16	1,990	167.28	0.00
6.20	0.17	2,051	167.31	0.00
6.30	0.18	2,113	167.34	0.00
6.40	0.18	2,178	167.38	0.00
6.50	0.19	2,246	167.41	0.00
6.60	0.20	2,316	167.44	0.00
6.70	0.21	2,389	167.48	0.00
6.80	0.21	2,464	167.51	0.00
6.90	0.22	2,542	167.55	0.00
7.00	0.23	2,623	167.59	0.00
7.10	0.24	2,707	167.63	0.00
7.20	0.25	2,794	167.66	0.00
7.30	0.25	2,884	167.70	0.00
7.40	0.26	2,976	167.74	0.00
7.50	0.27	3,072	167.79	0.00
7.60	0.28	3,171	167.83	0.00
7.70	0.29	3,273	167.87	0.00
7.80	0.30	3,378	167.92	0.00
7.90	0.31	3,485	167.96	0.01
8.00	0.32	3,580	168.00	0.09
8.10	0.32	3,648	168.03	0.17
8.20	0.33	3,693	168.04	0.24
8.30	0.34	3,721	168.06	0.28
8.40	0.35	3,740	168.06	0.31
8.50	0.36	3,754	168.07	0.33
8.60	0.37	3,765	168.07	0.35
8.70	0.38	3,773	168.08	0.36
8.80	0.39	3,780	168.08	0.37
8.90	0.40	3,786	168.08	0.39
9.00	0.41	3,792	168.08	0.40
9.10	0.43	3,799	168.09	0.41
9.20	0.45	3,807	168.09	0.42
9.30	0.48	3,818	168.09	0.44
9.40	0.51	3,832	168.10	0.47
9.50	0.53	3,846	168.11	0.49
9.60	0.56	3,862	168.11	0.52
9.70	0.60	3,878	168.12	0.55
9.80	0.63	3,894	168.12	0.58
9.90	0.66	3,909	168.13	0.61
10.00	0.69	3,925	168.14	0.65
10.10	0.72	3,941	168.14	0.68
10.20	0.76	3,957	168.15	0.71
10.30	0.79	3,973	168.15	0.74

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.82	3,990	168.16	0.78
10.50	0.86	4,006	168.17	0.81
10.60	0.91	4,024	168.17	0.85
10.70	1.01	4,051	168.18	0.92
10.80	1.12	4,090	168.20	1.00
10.90	1.24	4,135	168.22	1.11
11.00	1.36	4,183	168.24	1.22
11.10	1.51	4,235	168.25	1.35
11.20	1.71	4,299	168.28	1.51
11.30	1.94	4,375	168.31	1.71
11.40	2.17	4,458	168.34	1.94
11.50	2.41	4,543	168.37	2.18
11.60	2.92	4,649	168.41	2.49
11.70	3.87	4,871	168.49	3.16
11.80	4.71	5,121	168.57	3.96
11.90	6.40	5,473	168.69	5.15
12.00	9.76	6,167	168.92	6.84
12.10	16.64	7,901	169.44	9.47
12.20	20.16	10,682	170.16	14.27
12.30	12.20	11,293	170.31	14.48
12.40	7.84	9,843	169.95	12.40
12.50	5.75	8,244	169.53	9.90
12.60	4.66	6,884	169.14	8.08
12.70	3.51	5,793	168.80	6.03
12.80	3.03	5,162	168.59	4.09
12.90	2.72	4,894	168.49	3.23
13.00	2.46	4,749	168.44	2.78
13.10	2.20	4,644	168.41	2.47
13.20	1.97	4,552	168.37	2.20
13.30	1.80	4,476	168.34	1.99
13.40	1.66	4,414	168.32	1.82
13.50	1.52	4,358	168.30	1.67
13.60	1.38	4,305	168.28	1.53
13.70	1.27	4,253	168.26	1.40
13.80	1.21	4,213	168.25	1.30
13.90	1.16	4,186	168.24	1.23
14.00	1.13	4,165	168.23	1.18
14.10	1.09	4,147	168.22	1.14
14.20	1.05	4,131	168.22	1.10
14.30	1.02	4,116	168.21	1.06
14.40	0.98	4,100	168.20	1.03
14.50	0.95	4,085	168.20	0.99
14.60	0.91	4,069	168.19	0.95
14.70	0.87	4,053	168.19	0.92
14.80	0.84	4,036	168.18	0.88
14.90	0.80	4,020	168.17	0.85
15.00	0.76	4,004	168.17	0.81
15.10	0.73	3,987	168.16	0.77
15.20	0.70	3,971	168.15	0.74
15.30	0.68	3,958	168.15	0.71
15.40	0.67	3,948	168.14	0.69
15.50	0.66	3,941	168.14	0.68

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.65	3,935	168.14	0.67
15.70	0.64	3,930	168.14	0.66
15.80	0.63	3,924	168.14	0.65
15.90	0.62	3,919	168.13	0.64
16.00	0.61	3,915	168.13	0.63
16.10	0.60	3,910	168.13	0.62
16.20	0.59	3,905	168.13	0.61
16.30	0.58	3,901	168.13	0.60
16.40	0.57	3,896	168.12	0.59
16.50	0.56	3,891	168.12	0.58
16.60	0.55	3,886	168.12	0.57
16.70	0.55	3,881	168.12	0.56
16.80	0.54	3,877	168.12	0.55
16.90	0.52	3,872	168.12	0.54
17.00	0.52	3,867	168.11	0.53
17.10	0.51	3,862	168.11	0.52
17.20	0.50	3,857	168.11	0.51
17.30	0.49	3,851	168.11	0.50
17.40	0.48	3,846	168.10	0.49
17.50	0.47	3,840	168.10	0.48
17.60	0.46	3,835	168.10	0.47
17.70	0.45	3,829	168.10	0.46
17.80	0.44	3,824	168.10	0.45
17.90	0.43	3,819	168.09	0.44
18.00	0.42	3,813	168.09	0.43
18.10	0.41	3,808	168.09	0.42
18.20	0.40	3,802	168.09	0.41
18.30	0.40	3,798	168.09	0.41
18.40	0.39	3,795	168.08	0.40
18.50	0.39	3,793	168.08	0.40
18.60	0.39	3,791	168.08	0.39
18.70	0.39	3,789	168.08	0.39
18.80	0.38	3,788	168.08	0.39
18.90	0.38	3,786	168.08	0.39
19.00	0.38	3,785	168.08	0.38
19.10	0.38	3,783	168.08	0.38
19.20	0.37	3,782	168.08	0.38
19.30	0.37	3,781	168.08	0.38
19.40	0.37	3,779	168.08	0.37
19.50	0.37	3,778	168.08	0.37
19.60	0.36	3,777	168.08	0.37
19.70	0.36	3,775	168.08	0.37
19.80	0.36	3,774	168.08	0.36
19.90	0.36	3,773	168.08	0.36
20.00	0.35	3,772	168.08	0.36
20.10	0.35	3,770	168.08	0.36
20.20	0.35	3,769	168.07	0.35
20.30	0.35	3,767	168.07	0.35
20.40	0.34	3,766	168.07	0.35
20.50	0.34	3,764	168.07	0.35
20.60	0.34	3,763	168.07	0.34
20.70	0.34	3,762	168.07	0.34

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	3,761	168.07	0.34
20.90	0.33	3,759	168.07	0.34
21.00	0.33	3,758	168.07	0.33
21.10	0.33	3,756	168.07	0.33
21.20	0.33	3,755	168.07	0.33
21.30	0.32	3,753	168.07	0.33
21.40	0.32	3,752	168.07	0.33
21.50	0.32	3,750	168.07	0.32
21.60	0.32	3,749	168.07	0.32
21.70	0.31	3,747	168.07	0.32
21.80	0.31	3,745	168.07	0.32
21.90	0.31	3,744	168.06	0.31
22.00	0.31	3,742	168.06	0.31
22.10	0.30	3,740	168.06	0.31
22.20	0.30	3,739	168.06	0.31
22.30	0.30	3,737	168.06	0.30
22.40	0.30	3,736	168.06	0.30
22.50	0.29	3,734	168.06	0.30
22.60	0.29	3,732	168.06	0.30
22.70	0.29	3,731	168.06	0.29
22.80	0.29	3,729	168.06	0.29
22.90	0.28	3,727	168.06	0.29
23.00	0.28	3,726	168.06	0.29
23.10	0.28	3,724	168.06	0.28
23.20	0.28	3,723	168.06	0.28
23.30	0.27	3,721	168.06	0.28
23.40	0.27	3,719	168.05	0.28
23.50	0.27	3,718	168.05	0.27
23.60	0.27	3,716	168.05	0.27
23.70	0.26	3,714	168.05	0.27
23.80	0.26	3,713	168.05	0.27
23.90	0.26	3,711	168.05	0.26
24.00	0.27	3,711	168.05	0.26
24.10	0.23	3,711	168.05	0.26
24.20	0.07	3,675	168.04	0.21
24.30	0.01	3,626	168.02	0.14
24.40	0.00	3,587	168.00	0.09
24.50	0.00	3,559	167.99	0.07
24.60	0.00	3,539	167.98	0.05
24.70	0.00	3,524	167.98	0.04
24.80	0.00	3,512	167.97	0.03
24.90	0.00	3,503	167.97	0.02
25.00	0.00	3,495	167.96	0.02
25.10	0.00	3,488	167.96	0.02
25.20	0.00	3,483	167.96	0.01
25.30	0.00	3,479	167.96	0.01
25.40	0.00	3,476	167.96	0.01
25.50	0.00	3,473	167.96	0.01
25.60	0.00	3,471	167.95	0.01
25.70	0.00	3,469	167.95	0.00
25.80	0.00	3,467	167.95	0.00
25.90	0.00	3,466	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,465	167.95	0.00
26.10	0.00	3,464	167.95	0.00
26.20	0.00	3,464	167.95	0.00
26.30	0.00	3,463	167.95	0.00
26.40	0.00	3,463	167.95	0.00
26.50	0.00	3,462	167.95	0.00
26.60	0.00	3,462	167.95	0.00
26.70	0.00	3,462	167.95	0.00
26.80	0.00	3,461	167.95	0.00
26.90	0.00	3,461	167.95	0.00
27.00	0.00	3,461	167.95	0.00
27.10	0.00	3,461	167.95	0.00
27.20	0.00	3,461	167.95	0.00
27.30	0.00	3,461	167.95	0.00
27.40	0.00	3,461	167.95	0.00
27.50	0.00	3,461	167.95	0.00
27.60	0.00	3,461	167.95	0.00
27.70	0.00	3,461	167.95	0.00
27.80	0.00	3,461	167.95	0.00
27.90	0.00	3,461	167.95	0.00
28.00	0.00	3,461	167.95	0.00
28.10	0.00	3,461	167.95	0.00
28.20	0.00	3,461	167.95	0.00
28.30	0.00	3,461	167.95	0.00
28.40	0.00	3,461	167.95	0.00
28.50	0.00	3,461	167.95	0.00
28.60	0.00	3,461	167.95	0.00
28.70	0.00	3,461	167.95	0.00
28.80	0.00	3,461	167.95	0.00
28.90	0.00	3,461	167.95	0.00
29.00	0.00	3,461	167.95	0.00
29.10	0.00	3,461	167.95	0.00
29.20	0.00	3,461	167.95	0.00
29.30	0.00	3,461	167.95	0.00
29.40	0.00	3,461	167.95	0.00
29.50	0.00	3,461	167.95	0.00
29.60	0.00	3,461	167.95	0.00
29.70	0.00	3,461	167.95	0.00
29.80	0.00	3,461	167.95	0.00
29.90	0.00	3,461	167.95	0.00
30.00	0.00	3,461	167.95	0.00
30.10	0.00	3,461	167.95	0.00
30.20	0.00	3,461	167.95	0.00
30.30	0.00	3,461	167.95	0.00
30.40	0.00	3,461	167.95	0.00
30.50	0.00	3,461	167.95	0.00
30.60	0.00	3,461	167.95	0.00
30.70	0.00	3,461	167.95	0.00
30.80	0.00	3,461	167.95	0.00
30.90	0.00	3,461	167.95	0.00
31.00	0.00	3,461	167.95	0.00
31.10	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,461	167.95	0.00
31.30	0.00	3,461	167.95	0.00
31.40	0.00	3,461	167.95	0.00
31.50	0.00	3,461	167.95	0.00
31.60	0.00	3,461	167.95	0.00
31.70	0.00	3,461	167.95	0.00
31.80	0.00	3,461	167.95	0.00
31.90	0.00	3,461	167.95	0.00
32.00	0.00	3,461	167.95	0.00
32.10	0.00	3,461	167.95	0.00
32.20	0.00	3,461	167.95	0.00
32.30	0.00	3,461	167.95	0.00
32.40	0.00	3,461	167.95	0.00
32.50	0.00	3,461	167.95	0.00
32.60	0.00	3,461	167.95	0.00
32.70	0.00	3,461	167.95	0.00
32.80	0.00	3,461	167.95	0.00
32.90	0.00	3,461	167.95	0.00
33.00	0.00	3,461	167.95	0.00
33.10	0.00	3,461	167.95	0.00
33.20	0.00	3,461	167.95	0.00
33.30	0.00	3,461	167.95	0.00
33.40	0.00	3,461	167.95	0.00
33.50	0.00	3,461	167.95	0.00
33.60	0.00	3,461	167.95	0.00
33.70	0.00	3,461	167.95	0.00
33.80	0.00	3,461	167.95	0.00
33.90	0.00	3,461	167.95	0.00
34.00	0.00	3,461	167.95	0.00
34.10	0.00	3,461	167.95	0.00
34.20	0.00	3,461	167.95	0.00
34.30	0.00	3,461	167.95	0.00
34.40	0.00	3,461	167.95	0.00
34.50	0.00	3,461	167.95	0.00
34.60	0.00	3,461	167.95	0.00
34.70	0.00	3,461	167.95	0.00
34.80	0.00	3,461	167.95	0.00
34.90	0.00	3,461	167.95	0.00
35.00	0.00	3,461	167.95	0.00
35.10	0.00	3,461	167.95	0.00
35.20	0.00	3,461	167.95	0.00
35.30	0.00	3,461	167.95	0.00
35.40	0.00	3,461	167.95	0.00
35.50	0.00	3,461	167.95	0.00
35.60	0.00	3,461	167.95	0.00
35.70	0.00	3,461	167.95	0.00
35.80	0.00	3,461	167.95	0.00
35.90	0.00	3,461	167.95	0.00
36.00	0.00	3,461	167.95	0.00
36.10	0.00	3,461	167.95	0.00
36.20	0.00	3,461	167.95	0.00
36.30	0.00	3,461	167.95	0.00

Hydrograph for Pond B-28: Basin #28 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,461	167.95	0.00
36.50	0.00	3,461	167.95	0.00
36.60	0.00	3,461	167.95	0.00
36.70	0.00	3,461	167.95	0.00
36.80	0.00	3,461	167.95	0.00
36.90	0.00	3,461	167.95	0.00
37.00	0.00	3,461	167.95	0.00
37.10	0.00	3,461	167.95	0.00
37.20	0.00	3,461	167.95	0.00
37.30	0.00	3,461	167.95	0.00
37.40	0.00	3,461	167.95	0.00
37.50	0.00	3,461	167.95	0.00
37.60	0.00	3,461	167.95	0.00
37.70	0.00	3,461	167.95	0.00
37.80	0.00	3,461	167.95	0.00
37.90	0.00	3,461	167.95	0.00
38.00	0.00	3,461	167.95	0.00
38.10	0.00	3,461	167.95	0.00
38.20	0.00	3,461	167.95	0.00
38.30	0.00	3,461	167.95	0.00
38.40	0.00	3,461	167.95	0.00
38.50	0.00	3,461	167.95	0.00
38.60	0.00	3,461	167.95	0.00
38.70	0.00	3,461	167.95	0.00
38.80	0.00	3,461	167.95	0.00
38.90	0.00	3,461	167.95	0.00
39.00	0.00	3,461	167.95	0.00
39.10	0.00	3,461	167.95	0.00
39.20	0.00	3,461	167.95	0.00
39.30	0.00	3,461	167.95	0.00
39.40	0.00	3,461	167.95	0.00
39.50	0.00	3,461	167.95	0.00
39.60	0.00	3,461	167.95	0.00
39.70	0.00	3,461	167.95	0.00
39.80	0.00	3,461	167.95	0.00
39.90	0.00	3,461	167.95	0.00
40.00	0.00	3,461	167.95	0.00

Stage-Discharge for Pond B-28: Basin #28

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.00	167.56	0.00
166.01	0.00	166.53	0.00	167.05	0.00	167.57	0.00
166.02	0.00	166.54	0.00	167.06	0.00	167.58	0.00
166.03	0.00	166.55	0.00	167.07	0.00	167.59	0.00
166.04	0.00	166.56	0.00	167.08	0.00	167.60	0.00
166.05	0.00	166.57	0.00	167.09	0.00	167.61	0.00
166.06	0.00	166.58	0.00	167.10	0.00	167.62	0.00
166.07	0.00	166.59	0.00	167.11	0.00	167.63	0.00
166.08	0.00	166.60	0.00	167.12	0.00	167.64	0.00
166.09	0.00	166.61	0.00	167.13	0.00	167.65	0.00
166.10	0.00	166.62	0.00	167.14	0.00	167.66	0.00
166.11	0.00	166.63	0.00	167.15	0.00	167.67	0.00
166.12	0.00	166.64	0.00	167.16	0.00	167.68	0.00
166.13	0.00	166.65	0.00	167.17	0.00	167.69	0.00
166.14	0.00	166.66	0.00	167.18	0.00	167.70	0.00
166.15	0.00	166.67	0.00	167.19	0.00	167.71	0.00
166.16	0.00	166.68	0.00	167.20	0.00	167.72	0.00
166.17	0.00	166.69	0.00	167.21	0.00	167.73	0.00
166.18	0.00	166.70	0.00	167.22	0.00	167.74	0.00
166.19	0.00	166.71	0.00	167.23	0.00	167.75	0.00
166.20	0.00	166.72	0.00	167.24	0.00	167.76	0.00
166.21	0.00	166.73	0.00	167.25	0.00	167.77	0.00
166.22	0.00	166.74	0.00	167.26	0.00	167.78	0.00
166.23	0.00	166.75	0.00	167.27	0.00	167.79	0.00
166.24	0.00	166.76	0.00	167.28	0.00	167.80	0.00
166.25	0.00	166.77	0.00	167.29	0.00	167.81	0.00
166.26	0.00	166.78	0.00	167.30	0.00	167.82	0.00
166.27	0.00	166.79	0.00	167.31	0.00	167.83	0.00
166.28	0.00	166.80	0.00	167.32	0.00	167.84	0.00
166.29	0.00	166.81	0.00	167.33	0.00	167.85	0.00
166.30	0.00	166.82	0.00	167.34	0.00	167.86	0.00
166.31	0.00	166.83	0.00	167.35	0.00	167.87	0.00
166.32	0.00	166.84	0.00	167.36	0.00	167.88	0.00
166.33	0.00	166.85	0.00	167.37	0.00	167.89	0.00
166.34	0.00	166.86	0.00	167.38	0.00	167.90	0.00
166.35	0.00	166.87	0.00	167.39	0.00	167.91	0.00
166.36	0.00	166.88	0.00	167.40	0.00	167.92	0.00
166.37	0.00	166.89	0.00	167.41	0.00	167.93	0.00
166.38	0.00	166.90	0.00	167.42	0.00	167.94	0.00
166.39	0.00	166.91	0.00	167.43	0.00	167.95	0.00
166.40	0.00	166.92	0.00	167.44	0.00	167.96	0.01
166.41	0.00	166.93	0.00	167.45	0.00	167.97	0.02
166.42	0.00	166.94	0.00	167.46	0.00	167.98	0.04
166.43	0.00	166.95	0.00	167.47	0.00	167.99	0.06
166.44	0.00	166.96	0.00	167.48	0.00	168.00	0.09
166.45	0.00	166.97	0.00	167.49	0.00	168.01	0.12
166.46	0.00	166.98	0.00	167.50	0.00	168.02	0.15
166.47	0.00	166.99	0.00	167.51	0.00	168.03	0.18
166.48	0.00	167.00	0.00	167.52	0.00	168.04	0.22
166.49	0.00	167.01	0.00	167.53	0.00	168.05	0.25
166.50	0.00	167.02	0.00	167.54	0.00	168.06	0.29
166.51	0.00	167.03	0.00	167.55	0.00	168.07	0.33

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.38	168.60	4.21	169.12	7.97	169.64	10.48
168.09	0.42	168.61	4.30	169.13	8.02	169.65	10.54
168.10	0.47	168.62	4.40	169.14	8.08	169.66	10.60
168.11	0.51	168.63	4.50	169.15	8.13	169.67	10.66
168.12	0.56	168.64	4.60	169.16	8.18	169.68	10.72
168.13	0.61	168.65	4.70	169.17	8.23	169.69	10.77
168.14	0.66	168.66	4.80	169.18	8.28	169.70	10.83
168.15	0.72	168.67	4.90	169.19	8.33	169.71	10.89
168.16	0.77	168.68	5.01	169.20	8.38	169.72	10.95
168.17	0.83	168.69	5.11	169.21	8.43	169.73	11.01
168.18	0.89	168.70	5.21	169.22	8.48	169.74	11.07
168.19	0.94	168.71	5.31	169.23	8.52	169.75	11.13
168.20	1.00	168.72	5.40	169.24	8.57	169.76	11.19
168.21	1.06	168.73	5.49	169.25	8.62	169.77	11.26
168.22	1.13	168.74	5.57	169.26	8.67	169.78	11.32
168.23	1.19	168.75	5.65	169.27	8.72	169.79	11.38
168.24	1.25	168.76	5.73	169.28	8.76	169.80	11.44
168.25	1.32	168.77	5.81	169.29	8.81	169.81	11.50
168.26	1.39	168.78	5.89	169.30	8.86	169.82	11.56
168.27	1.45	168.79	5.96	169.31	8.90	169.83	11.63
168.28	1.52	168.80	6.04	169.32	8.95	169.84	11.69
168.29	1.59	168.81	6.11	169.33	9.00	169.85	11.75
168.30	1.66	168.82	6.18	169.34	9.04	169.86	11.81
168.31	1.73	168.83	6.25	169.35	9.09	169.87	11.88
168.32	1.81	168.84	6.32	169.36	9.13	169.88	11.94
168.33	1.88	168.85	6.39	169.37	9.18	169.89	12.00
168.34	1.95	168.86	6.45	169.38	9.22	169.90	12.06
168.35	2.03	168.87	6.52	169.39	9.27	169.91	12.13
168.36	2.11	168.88	6.58	169.40	9.31	169.92	12.19
168.37	2.18	168.89	6.65	169.41	9.36	169.93	12.25
168.38	2.26	168.90	6.71	169.42	9.40	169.94	12.32
168.39	2.34	168.91	6.78	169.43	9.44	169.95	12.38
168.40	2.42	168.92	6.84	169.44	9.49	169.96	12.44
168.41	2.50	168.93	6.90	169.45	9.53	169.97	12.51
168.42	2.59	168.94	6.96	169.46	9.57	169.98	12.57
168.43	2.67	168.95	7.02	169.47	9.62	169.99	12.64
168.44	2.75	168.96	7.08	169.48	9.66	170.00	12.70
168.45	2.84	168.97	7.14	169.49	9.70	170.01	12.78
168.46	2.92	168.98	7.20	169.50	9.74	170.02	12.87
168.47	3.01	168.99	7.26	169.51	9.79	170.03	12.96
168.48	3.10	169.00	7.32	169.52	9.84	170.04	13.06
168.49	3.18	169.01	7.37	169.53	9.89	170.05	13.17
168.50	3.27	169.02	7.43	169.54	9.94	170.06	13.28
168.51	3.36	169.03	7.49	169.55	9.99	170.07	13.39
168.52	3.45	169.04	7.54	169.56	10.04	170.08	13.51
168.53	3.54	169.05	7.60	169.57	10.09	170.09	13.63
168.54	3.64	169.06	7.65	169.58	10.15	170.10	13.75
168.55	3.73	169.07	7.71	169.59	10.20	170.11	13.88
168.56	3.82	169.08	7.76	169.60	10.26	170.12	14.01
168.57	3.92	169.09	7.81	169.61	10.31	170.13	14.15
168.58	4.01	169.10	7.87	169.62	10.37	170.14	14.24
168.59	4.11	169.11	7.92	169.63	10.43	170.15	14.25

Stage-Discharge for Pond B-28: Basin #28 (continued)

Elevation (feet)	Primary (cfs)
170.16	14.27
170.17	14.28
170.18	14.29
170.19	14.31
170.20	14.32
170.21	14.34
170.22	14.35
170.23	14.37
170.24	14.38
170.25	14.39
170.26	14.41
170.27	14.42
170.28	14.44
170.29	14.45
170.30	14.47
170.31	14.48
170.32	14.49
170.33	14.51
170.34	14.52
170.35	14.54
170.36	14.55
170.37	14.56
170.38	14.58
170.39	14.59
170.40	14.61
170.41	14.62
170.42	14.63
170.43	14.65
170.44	14.66
170.45	14.68
170.46	14.69
170.47	14.70
170.48	14.72
170.49	14.73
170.50	14.86

Stage-Area-Storage for Pond B-28: Basin #28

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	1,145	0	166.52	1,474	681
166.01	1,151	11	166.53	1,480	696
166.02	1,158	23	166.54	1,487	711
166.03	1,164	35	166.55	1,493	725
166.04	1,170	46	166.56	1,499	740
166.05	1,177	58	166.57	1,506	755
166.06	1,183	70	166.58	1,512	771
166.07	1,189	82	166.59	1,518	786
166.08	1,196	94	166.60	1,525	801
166.09	1,202	106	166.61	1,531	816
166.10	1,208	118	166.62	1,537	832
166.11	1,215	130	166.63	1,544	847
166.12	1,221	142	166.64	1,550	862
166.13	1,227	154	166.65	1,556	878
166.14	1,234	167	166.66	1,563	894
166.15	1,240	179	166.67	1,569	909
166.16	1,246	191	166.68	1,575	925
166.17	1,253	204	166.69	1,582	941
166.18	1,259	216	166.70	1,588	957
166.19	1,265	229	166.71	1,594	972
166.20	1,272	242	166.72	1,601	988
166.21	1,278	254	166.73	1,607	1,005
166.22	1,284	267	166.74	1,613	1,021
166.23	1,291	280	166.75	1,620	1,037
166.24	1,297	293	166.76	1,626	1,053
166.25	1,303	306	166.77	1,632	1,069
166.26	1,310	319	166.78	1,639	1,086
166.27	1,316	332	166.79	1,645	1,102
166.28	1,322	345	166.80	1,651	1,119
166.29	1,329	359	166.81	1,658	1,135
166.30	1,335	372	166.82	1,664	1,152
166.31	1,341	385	166.83	1,670	1,168
166.32	1,348	399	166.84	1,677	1,185
166.33	1,354	412	166.85	1,683	1,202
166.34	1,360	426	166.86	1,689	1,219
166.35	1,367	440	166.87	1,696	1,236
166.36	1,373	453	166.88	1,702	1,253
166.37	1,379	467	166.89	1,708	1,270
166.38	1,386	481	166.90	1,715	1,287
166.39	1,392	495	166.91	1,721	1,304
166.40	1,398	509	166.92	1,727	1,321
166.41	1,405	523	166.93	1,734	1,339
166.42	1,411	537	166.94	1,740	1,356
166.43	1,417	551	166.95	1,746	1,373
166.44	1,424	565	166.96	1,753	1,391
166.45	1,430	579	166.97	1,759	1,408
166.46	1,436	594	166.98	1,765	1,426
166.47	1,443	608	166.99	1,772	1,444
166.48	1,449	623	167.00	1,778	1,462
166.49	1,455	637	167.01	1,785	1,479
166.50	1,462	652	167.02	1,792	1,497
166.51	1,468	666	167.03	1,799	1,515

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	1,805	1,533	167.56	2,163	2,565
167.05	1,812	1,551	167.57	2,170	2,587
167.06	1,819	1,569	167.58	2,176	2,608
167.07	1,826	1,588	167.59	2,183	2,630
167.08	1,833	1,606	167.60	2,190	2,652
167.09	1,840	1,624	167.61	2,197	2,674
167.10	1,847	1,643	167.62	2,204	2,696
167.11	1,854	1,661	167.63	2,211	2,718
167.12	1,860	1,680	167.64	2,218	2,740
167.13	1,867	1,698	167.65	2,225	2,762
167.14	1,874	1,717	167.66	2,231	2,785
167.15	1,881	1,736	167.67	2,238	2,807
167.16	1,888	1,755	167.68	2,245	2,829
167.17	1,895	1,774	167.69	2,252	2,852
167.18	1,902	1,793	167.70	2,259	2,874
167.19	1,909	1,812	167.71	2,266	2,897
167.20	1,915	1,831	167.72	2,273	2,920
167.21	1,922	1,850	167.73	2,280	2,942
167.22	1,929	1,869	167.74	2,286	2,965
167.23	1,936	1,889	167.75	2,293	2,988
167.24	1,943	1,908	167.76	2,300	3,011
167.25	1,950	1,927	167.77	2,307	3,034
167.26	1,957	1,947	167.78	2,314	3,057
167.27	1,963	1,967	167.79	2,321	3,080
167.28	1,970	1,986	167.80	2,328	3,104
167.29	1,977	2,006	167.81	2,334	3,127
167.30	1,984	2,026	167.82	2,341	3,150
167.31	1,991	2,046	167.83	2,348	3,174
167.32	1,998	2,066	167.84	2,355	3,197
167.33	2,005	2,086	167.85	2,362	3,221
167.34	2,012	2,106	167.86	2,369	3,245
167.35	2,018	2,126	167.87	2,376	3,268
167.36	2,025	2,146	167.88	2,383	3,292
167.37	2,032	2,166	167.89	2,389	3,316
167.38	2,039	2,187	167.90	2,396	3,340
167.39	2,046	2,207	167.91	2,403	3,364
167.40	2,053	2,228	167.92	2,410	3,388
167.41	2,060	2,248	167.93	2,417	3,412
167.42	2,067	2,269	167.94	2,424	3,436
167.43	2,073	2,290	167.95	2,431	3,461
167.44	2,080	2,310	167.96	2,438	3,485
167.45	2,087	2,331	167.97	2,444	3,509
167.46	2,094	2,352	167.98	2,451	3,534
167.47	2,101	2,373	167.99	2,458	3,558
167.48	2,108	2,394	168.00	2,465	3,583
167.49	2,115	2,415	168.01	2,472	3,608
167.50	2,122	2,436	168.02	2,480	3,632
167.51	2,128	2,458	168.03	2,487	3,657
167.52	2,135	2,479	168.04	2,495	3,682
167.53	2,142	2,500	168.05	2,502	3,707
167.54	2,149	2,522	168.06	2,510	3,732
167.55	2,156	2,543	168.07	2,517	3,757

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	2,525	3,783	168.60	2,912	5,196
168.09	2,532	3,808	168.61	2,919	5,225
168.10	2,539	3,833	168.62	2,927	5,254
168.11	2,547	3,859	168.63	2,934	5,284
168.12	2,554	3,884	168.64	2,942	5,313
168.13	2,562	3,910	168.65	2,949	5,343
168.14	2,569	3,935	168.66	2,957	5,372
168.15	2,577	3,961	168.67	2,964	5,402
168.16	2,584	3,987	168.68	2,972	5,431
168.17	2,592	4,013	168.69	2,979	5,461
168.18	2,599	4,039	168.70	2,986	5,491
168.19	2,607	4,065	168.71	2,994	5,521
168.20	2,614	4,091	168.72	3,001	5,551
168.21	2,621	4,117	168.73	3,009	5,581
168.22	2,629	4,143	168.74	3,016	5,611
168.23	2,636	4,170	168.75	3,024	5,641
168.24	2,644	4,196	168.76	3,031	5,672
168.25	2,651	4,223	168.77	3,039	5,702
168.26	2,659	4,249	168.78	3,046	5,732
168.27	2,666	4,276	168.79	3,054	5,763
168.28	2,674	4,302	168.80	3,061	5,793
168.29	2,681	4,329	168.81	3,068	5,824
168.30	2,689	4,356	168.82	3,076	5,855
168.31	2,696	4,383	168.83	3,083	5,886
168.32	2,703	4,410	168.84	3,091	5,916
168.33	2,711	4,437	168.85	3,098	5,947
168.34	2,718	4,464	168.86	3,106	5,978
168.35	2,726	4,491	168.87	3,113	6,009
168.36	2,733	4,519	168.88	3,121	6,041
168.37	2,741	4,546	168.89	3,128	6,072
168.38	2,748	4,573	168.90	3,136	6,103
168.39	2,756	4,601	168.91	3,143	6,135
168.40	2,763	4,629	168.92	3,150	6,166
168.41	2,770	4,656	168.93	3,158	6,198
168.42	2,778	4,684	168.94	3,165	6,229
168.43	2,785	4,712	168.95	3,173	6,261
168.44	2,793	4,740	168.96	3,180	6,293
168.45	2,800	4,768	168.97	3,188	6,325
168.46	2,808	4,796	168.98	3,195	6,356
168.47	2,815	4,824	168.99	3,203	6,388
168.48	2,823	4,852	169.00	3,210	6,421
168.49	2,830	4,880	169.01	3,218	6,453
168.50	2,838	4,909	169.02	3,226	6,485
168.51	2,845	4,937	169.03	3,234	6,517
168.52	2,852	4,966	169.04	3,242	6,550
168.53	2,860	4,994	169.05	3,250	6,582
168.54	2,867	5,023	169.06	3,258	6,615
168.55	2,875	5,051	169.07	3,266	6,647
168.56	2,882	5,080	169.08	3,274	6,680
168.57	2,890	5,109	169.09	3,282	6,713
168.58	2,897	5,138	169.10	3,290	6,746
168.59	2,905	5,167	169.11	3,298	6,778

Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	3,306	6,811	169.64	3,723	8,639
169.13	3,314	6,845	169.65	3,731	8,676
169.14	3,322	6,878	169.66	3,739	8,714
169.15	3,330	6,911	169.67	3,747	8,751
169.16	3,338	6,944	169.68	3,755	8,789
169.17	3,346	6,978	169.69	3,763	8,826
169.18	3,354	7,011	169.70	3,771	8,864
169.19	3,362	7,045	169.71	3,779	8,902
169.20	3,370	7,079	169.72	3,787	8,940
169.21	3,378	7,112	169.73	3,795	8,977
169.22	3,386	7,146	169.74	3,803	9,015
169.23	3,394	7,180	169.75	3,812	9,054
169.24	3,402	7,214	169.76	3,820	9,092
169.25	3,411	7,248	169.77	3,828	9,130
169.26	3,419	7,282	169.78	3,836	9,168
169.27	3,427	7,316	169.79	3,844	9,207
169.28	3,435	7,351	169.80	3,852	9,245
169.29	3,443	7,385	169.81	3,860	9,284
169.30	3,451	7,420	169.82	3,868	9,322
169.31	3,459	7,454	169.83	3,876	9,361
169.32	3,467	7,489	169.84	3,884	9,400
169.33	3,475	7,523	169.85	3,892	9,439
169.34	3,483	7,558	169.86	3,900	9,478
169.35	3,491	7,593	169.87	3,908	9,517
169.36	3,499	7,628	169.88	3,916	9,556
169.37	3,507	7,663	169.89	3,924	9,595
169.38	3,515	7,698	169.90	3,932	9,634
169.39	3,523	7,733	169.91	3,940	9,674
169.40	3,531	7,769	169.92	3,948	9,713
169.41	3,539	7,804	169.93	3,956	9,753
169.42	3,547	7,839	169.94	3,964	9,792
169.43	3,555	7,875	169.95	3,972	9,832
169.44	3,563	7,911	169.96	3,980	9,872
169.45	3,571	7,946	169.97	3,988	9,912
169.46	3,579	7,982	169.98	3,996	9,951
169.47	3,587	8,018	169.99	4,004	9,991
169.48	3,595	8,054	170.00	4,012	10,032
169.49	3,603	8,090	170.01	4,018	10,072
169.50	3,611	8,126	170.02	4,025	10,112
169.51	3,619	8,162	170.03	4,031	10,152
169.52	3,627	8,198	170.04	4,038	10,192
169.53	3,635	8,234	170.05	4,044	10,233
169.54	3,643	8,271	170.06	4,051	10,273
169.55	3,651	8,307	170.07	4,057	10,314
169.56	3,659	8,344	170.08	4,064	10,355
169.57	3,667	8,380	170.09	4,070	10,395
169.58	3,675	8,417	170.10	4,076	10,436
169.59	3,683	8,454	170.11	4,083	10,477
169.60	3,691	8,491	170.12	4,089	10,518
169.61	3,699	8,528	170.13	4,096	10,559
169.62	3,707	8,565	170.14	4,102	10,599
169.63	3,715	8,602	170.15	4,109	10,641

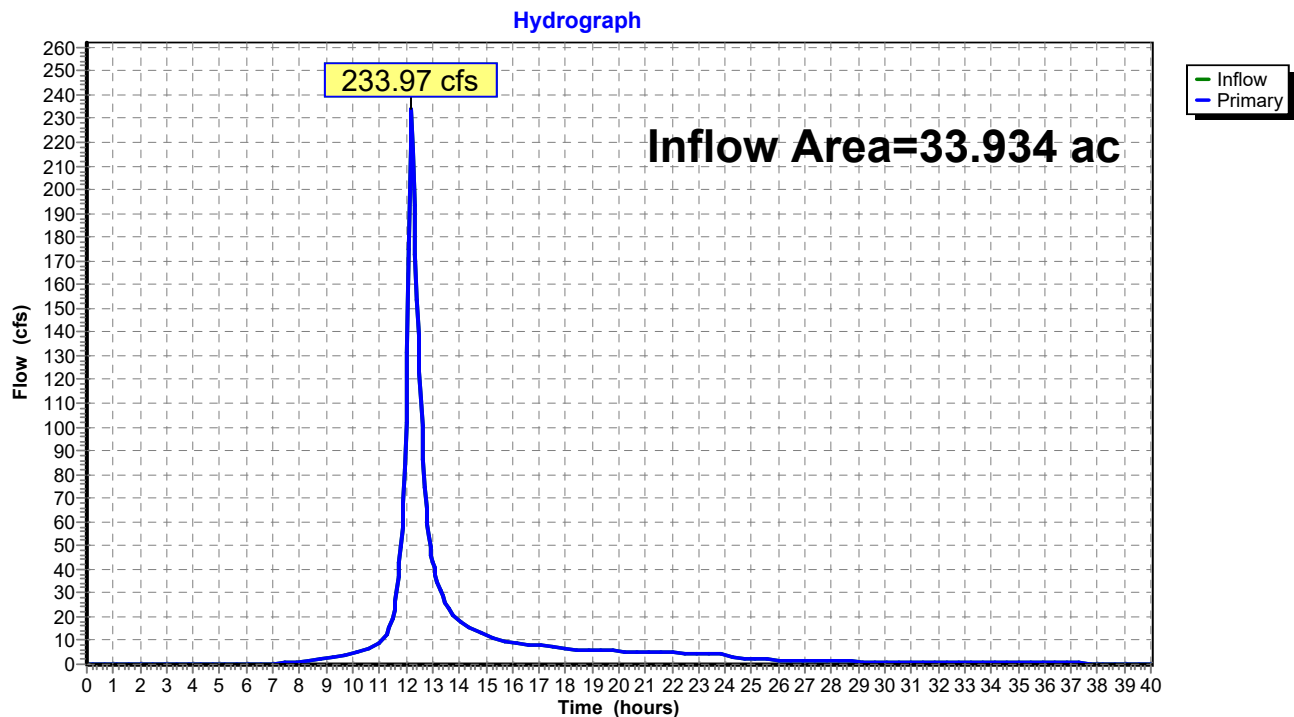
Stage-Area-Storage for Pond B-28: Basin #28 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
170.16	4,115	10,682
170.17	4,121	10,723
170.18	4,128	10,764
170.19	4,134	10,805
170.20	4,141	10,847
170.21	4,147	10,888
170.22	4,154	10,930
170.23	4,160	10,971
170.24	4,167	11,013
170.25	4,173	11,055
170.26	4,179	11,096
170.27	4,186	11,138
170.28	4,192	11,180
170.29	4,199	11,222
170.30	4,205	11,264
170.31	4,212	11,306
170.32	4,218	11,348
170.33	4,225	11,391
170.34	4,231	11,433
170.35	4,237	11,475
170.36	4,244	11,518
170.37	4,250	11,560
170.38	4,257	11,603
170.39	4,263	11,645
170.40	4,270	11,688
170.41	4,276	11,731
170.42	4,282	11,773
170.43	4,289	11,816
170.44	4,295	11,859
170.45	4,302	11,902
170.46	4,308	11,945
170.47	4,315	11,988
170.48	4,321	12,031
170.49	4,328	12,075
170.50	4,334	12,118

Summary for Link PDA-2: Proposed Drainage Area #2

Inflow Area = 33.934 ac, 26.90% Impervious, Inflow Depth > 8.21" for Future 100 yr event
Inflow = 233.97 cfs @ 12.20 hrs, Volume= 23.215 af
Primary = 233.97 cfs @ 12.20 hrs, Volume= 23.215 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-1

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

Link PDA-2: Proposed Drainage Area #2

Hydrograph for Link PDA-2: Proposed Drainage Area #2

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

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.01	0.00	0.01	7.80	0.58	0.00	0.58
5.25	0.02	0.00	0.02	7.85	0.60	0.00	0.60
5.30	0.02	0.00	0.02	7.90	0.63	0.00	0.63
5.35	0.03	0.00	0.03	7.95	0.69	0.00	0.69
5.40	0.04	0.00	0.04	8.00	0.77	0.00	0.77
5.45	0.04	0.00	0.04	8.05	0.86	0.00	0.86
5.50	0.05	0.00	0.05	8.10	0.95	0.00	0.95
5.55	0.06	0.00	0.06	8.15	1.05	0.00	1.05
5.60	0.07	0.00	0.07	8.20	1.14	0.00	1.14
5.65	0.08	0.00	0.08	8.25	1.24	0.00	1.24
5.70	0.08	0.00	0.08	8.30	1.33	0.00	1.33
5.75	0.09	0.00	0.09	8.35	1.42	0.00	1.42
5.80	0.10	0.00	0.10	8.40	1.51	0.00	1.51
5.85	0.11	0.00	0.11	8.45	1.60	0.00	1.60
5.90	0.11	0.00	0.11	8.50	1.68	0.00	1.68
5.95	0.12	0.00	0.12	8.55	1.77	0.00	1.77
6.00	0.13	0.00	0.13	8.60	1.86	0.00	1.86
6.05	0.14	0.00	0.14	8.65	1.94	0.00	1.94
6.10	0.15	0.00	0.15	8.70	2.02	0.00	2.02
6.15	0.16	0.00	0.16	8.75	2.10	0.00	2.10
6.20	0.16	0.00	0.16	8.80	2.18	0.00	2.18
6.25	0.17	0.00	0.17	8.85	2.26	0.00	2.26
6.30	0.18	0.00	0.18	8.90	2.34	0.00	2.34
6.35	0.19	0.00	0.19	8.95	2.41	0.00	2.41
6.40	0.21	0.00	0.21	9.00	2.49	0.00	2.49
6.45	0.22	0.00	0.22	9.05	2.56	0.00	2.56
6.50	0.23	0.00	0.23	9.10	2.64	0.00	2.64
6.55	0.24	0.00	0.24	9.15	2.73	0.00	2.73
6.60	0.25	0.00	0.25	9.20	2.83	0.00	2.83
6.65	0.26	0.00	0.26	9.25	2.93	0.00	2.93
6.70	0.27	0.00	0.27	9.30	3.03	0.00	3.03
6.75	0.28	0.00	0.28	9.35	3.14	0.00	3.14
6.80	0.30	0.00	0.30	9.40	3.25	0.00	3.25
6.85	0.31	0.00	0.31	9.45	3.36	0.00	3.36
6.90	0.32	0.00	0.32	9.50	3.47	0.00	3.47
6.95	0.33	0.00	0.33	9.55	3.58	0.00	3.58
7.00	0.35	0.00	0.35	9.60	3.70	0.00	3.70
7.05	0.36	0.00	0.36	9.65	3.81	0.00	3.81
7.10	0.37	0.00	0.37	9.70	3.93	0.00	3.93
7.15	0.39	0.00	0.39	9.75	4.05	0.00	4.05
7.20	0.40	0.00	0.40	9.80	4.17	0.00	4.17
7.25	0.42	0.00	0.42	9.85	4.29	0.00	4.29
7.30	0.43	0.00	0.43	9.90	4.42	0.00	4.42
7.35	0.44	0.00	0.44	9.95	4.54	0.00	4.54
7.40	0.46	0.00	0.46	10.00	4.67	0.00	4.67
7.45	0.47	0.00	0.47	10.05	4.79	0.00	4.79
7.50	0.49	0.00	0.49	10.10	4.92	0.00	4.92
7.55	0.51	0.00	0.51	10.15	5.05	0.00	5.05
7.60	0.52	0.00	0.52	10.20	5.17	0.00	5.17
7.65	0.54	0.00	0.54	10.25	5.31	0.00	5.31
7.70	0.55	0.00	0.55	10.30	5.44	0.00	5.44
7.75	0.57	0.00	0.57	10.35	5.56	0.00	5.56

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	5.69	0.00	5.69	13.00	43.01	0.00	43.01
10.45	5.83	0.00	5.83	13.05	40.39	0.00	40.39
10.50	5.96	0.00	5.96	13.10	38.00	0.00	38.00
10.55	6.11	0.00	6.11	13.15	35.81	0.00	35.81
10.60	6.29	0.00	6.29	13.20	33.83	0.00	33.83
10.65	6.52	0.00	6.52	13.25	32.09	0.00	32.09
10.70	6.79	0.00	6.79	13.30	30.54	0.00	30.54
10.75	7.08	0.00	7.08	13.35	29.13	0.00	29.13
10.80	7.39	0.00	7.39	13.40	27.84	0.00	27.84
10.85	7.70	0.00	7.70	13.45	26.63	0.00	26.63
10.90	8.04	0.00	8.04	13.50	25.47	0.00	25.47
10.95	8.38	0.00	8.38	13.55	24.37	0.00	24.37
11.00	8.73	0.00	8.73	13.60	23.30	0.00	23.30
11.05	9.17	0.00	9.17	13.65	22.29	0.00	22.29
11.10	9.73	0.00	9.73	13.70	21.41	0.00	21.41
11.15	10.41	0.00	10.41	13.75	20.66	0.00	20.66
11.20	11.25	0.00	11.25	13.80	20.01	0.00	20.01
11.25	12.17	0.00	12.17	13.85	19.46	0.00	19.46
11.30	13.21	0.00	13.21	13.90	18.96	0.00	18.96
11.35	14.58	0.00	14.58	13.95	18.51	0.00	18.51
11.40	16.33	0.00	16.33	14.00	18.10	0.00	18.10
11.45	18.25	0.00	18.25	14.05	17.73	0.00	17.73
11.50	20.30	0.00	20.30	14.10	17.38	0.00	17.38
11.55	22.72	0.00	22.72	14.15	17.04	0.00	17.04
11.60	26.45	0.00	26.45	14.20	16.72	0.00	16.72
11.65	31.59	0.00	31.59	14.25	16.41	0.00	16.41
11.70	37.11	0.00	37.11	14.30	16.11	0.00	16.11
11.75	42.75	0.00	42.75	14.35	15.82	0.00	15.82
11.80	49.38	0.00	49.38	14.40	15.52	0.00	15.52
11.85	57.54	0.00	57.54	14.45	15.24	0.00	15.24
11.90	68.00	0.00	68.00	14.50	14.96	0.00	14.96
11.95	81.79	0.00	81.79	14.55	14.69	0.00	14.69
12.00	101.82	0.00	101.82	14.60	14.41	0.00	14.41
12.05	131.04	0.00	131.04	14.65	14.14	0.00	14.14
12.10	174.67	0.00	174.67	14.70	13.86	0.00	13.86
12.15	217.95	0.00	217.95	14.75	13.58	0.00	13.58
12.20	233.97	0.00	233.97	14.80	13.31	0.00	13.31
12.25	216.75	0.00	216.75	14.85	13.04	0.00	13.04
12.30	193.11	0.00	193.11	14.90	12.77	0.00	12.77
12.35	172.80	0.00	172.80	14.95	12.50	0.00	12.50
12.40	153.80	0.00	153.80	15.00	12.24	0.00	12.24
12.45	138.50	0.00	138.50	15.05	11.97	0.00	11.97
12.50	123.52	0.00	123.52	15.10	11.71	0.00	11.71
12.55	112.39	0.00	112.39	15.15	11.45	0.00	11.45
12.60	100.27	0.00	100.27	15.20	11.21	0.00	11.21
12.65	86.27	0.00	86.27	15.25	11.00	0.00	11.00
12.70	74.59	0.00	74.59	15.30	10.81	0.00	10.81
12.75	65.61	0.00	65.61	15.35	10.65	0.00	10.65
12.80	58.76	0.00	58.76	15.40	10.50	0.00	10.50
12.85	53.55	0.00	53.55	15.45	10.36	0.00	10.36
12.90	49.41	0.00	49.41	15.50	10.24	0.00	10.24
12.95	45.97	0.00	45.97	15.55	10.12	0.00	10.12

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	10.01	0.00	10.01	18.20	6.34	0.00	6.34
15.65	9.91	0.00	9.91	18.25	6.29	0.00	6.29
15.70	9.82	0.00	9.82	18.30	6.25	0.00	6.25
15.75	9.72	0.00	9.72	18.35	6.21	0.00	6.21
15.80	9.63	0.00	9.63	18.40	6.18	0.00	6.18
15.85	9.54	0.00	9.54	18.45	6.15	0.00	6.15
15.90	9.45	0.00	9.45	18.50	6.12	0.00	6.12
15.95	9.37	0.00	9.37	18.55	6.09	0.00	6.09
16.00	9.29	0.00	9.29	18.60	6.06	0.00	6.06
16.05	9.21	0.00	9.21	18.65	6.03	0.00	6.03
16.10	9.13	0.00	9.13	18.70	6.01	0.00	6.01
16.15	9.06	0.00	9.06	18.75	5.99	0.00	5.99
16.20	8.98	0.00	8.98	18.80	5.97	0.00	5.97
16.25	8.91	0.00	8.91	18.85	5.95	0.00	5.95
16.30	8.84	0.00	8.84	18.90	5.93	0.00	5.93
16.35	8.76	0.00	8.76	18.95	5.91	0.00	5.91
16.40	8.69	0.00	8.69	19.00	5.88	0.00	5.88
16.45	8.62	0.00	8.62	19.05	5.87	0.00	5.87
16.50	8.55	0.00	8.55	19.10	5.85	0.00	5.85
16.55	8.48	0.00	8.48	19.15	5.83	0.00	5.83
16.60	8.41	0.00	8.41	19.20	5.81	0.00	5.81
16.65	8.34	0.00	8.34	19.25	5.79	0.00	5.79
16.70	8.27	0.00	8.27	19.30	5.77	0.00	5.77
16.75	8.21	0.00	8.21	19.35	5.75	0.00	5.75
16.80	8.13	0.00	8.13	19.40	5.73	0.00	5.73
16.85	8.06	0.00	8.06	19.45	5.72	0.00	5.72
16.90	7.99	0.00	7.99	19.50	5.70	0.00	5.70
16.95	7.92	0.00	7.92	19.55	5.68	0.00	5.68
17.00	7.86	0.00	7.86	19.60	5.66	0.00	5.66
17.05	7.79	0.00	7.79	19.65	5.65	0.00	5.65
17.10	7.72	0.00	7.72	19.70	5.63	0.00	5.63
17.15	7.65	0.00	7.65	19.75	5.61	0.00	5.61
17.20	7.58	0.00	7.58	19.80	5.59	0.00	5.59
17.25	7.51	0.00	7.51	19.85	5.58	0.00	5.58
17.30	7.45	0.00	7.45	19.90	5.57	0.00	5.57
17.35	7.38	0.00	7.38	19.95	5.55	0.00	5.55
17.40	7.31	0.00	7.31	20.00	5.53	0.00	5.53
17.45	7.25	0.00	7.25	20.05	5.51	0.00	5.51
17.50	7.19	0.00	7.19	20.10	5.49	0.00	5.49
17.55	7.13	0.00	7.13	20.15	5.48	0.00	5.48
17.60	7.06	0.00	7.06	20.20	5.46	0.00	5.46
17.65	7.00	0.00	7.00	20.25	5.44	0.00	5.44
17.70	6.94	0.00	6.94	20.30	5.42	0.00	5.42
17.75	6.87	0.00	6.87	20.35	5.41	0.00	5.41
17.80	6.81	0.00	6.81	20.40	5.39	0.00	5.39
17.85	6.76	0.00	6.76	20.45	5.37	0.00	5.37
17.90	6.70	0.00	6.70	20.50	5.36	0.00	5.36
17.95	6.64	0.00	6.64	20.55	5.34	0.00	5.34
18.00	6.58	0.00	6.58	20.60	5.32	0.00	5.32
18.05	6.52	0.00	6.52	20.65	5.31	0.00	5.31
18.10	6.45	0.00	6.45	20.70	5.30	0.00	5.30
18.15	6.39	0.00	6.39	20.75	5.28	0.00	5.28

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	5.26	0.00	5.26	23.40	4.42	0.00	4.42
20.85	5.24	0.00	5.24	23.45	4.40	0.00	4.40
20.90	5.22	0.00	5.22	23.50	4.39	0.00	4.39
20.95	5.21	0.00	5.21	23.55	4.37	0.00	4.37
21.00	5.19	0.00	5.19	23.60	4.35	0.00	4.35
21.05	5.17	0.00	5.17	23.65	4.34	0.00	4.34
21.10	5.16	0.00	5.16	23.70	4.32	0.00	4.32
21.15	5.14	0.00	5.14	23.75	4.31	0.00	4.31
21.20	5.12	0.00	5.12	23.80	4.29	0.00	4.29
21.25	5.10	0.00	5.10	23.85	4.27	0.00	4.27
21.30	5.09	0.00	5.09	23.90	4.25	0.00	4.25
21.35	5.08	0.00	5.08	23.95	4.25	0.00	4.25
21.40	5.06	0.00	5.06	24.00	4.29	0.00	4.29
21.45	5.04	0.00	5.04	24.05	4.33	0.00	4.33
21.50	5.03	0.00	5.03	24.10	4.12	0.00	4.12
21.55	5.01	0.00	5.01	24.15	3.68	0.00	3.68
21.60	4.99	0.00	4.99	24.20	3.29	0.00	3.29
21.65	4.98	0.00	4.98	24.25	3.03	0.00	3.03
21.70	4.96	0.00	4.96	24.30	2.84	0.00	2.84
21.75	4.94	0.00	4.94	24.35	2.71	0.00	2.71
21.80	4.93	0.00	4.93	24.40	2.59	0.00	2.59
21.85	4.92	0.00	4.92	24.45	2.50	0.00	2.50
21.90	4.90	0.00	4.90	24.50	2.43	0.00	2.43
21.95	4.88	0.00	4.88	24.55	2.37	0.00	2.37
22.00	4.87	0.00	4.87	24.60	2.33	0.00	2.33
22.05	4.85	0.00	4.85	24.65	2.29	0.00	2.29
22.10	4.83	0.00	4.83	24.70	2.27	0.00	2.27
22.15	4.82	0.00	4.82	24.75	2.24	0.00	2.24
22.20	4.80	0.00	4.80	24.80	2.22	0.00	2.22
22.25	4.79	0.00	4.79	24.85	2.20	0.00	2.20
22.30	4.77	0.00	4.77	24.90	2.18	0.00	2.18
22.35	4.76	0.00	4.76	24.95	2.15	0.00	2.15
22.40	4.74	0.00	4.74	25.00	2.13	0.00	2.13
22.45	4.72	0.00	4.72	25.05	2.11	0.00	2.11
22.50	4.70	0.00	4.70	25.10	2.10	0.00	2.10
22.55	4.69	0.00	4.69	25.15	2.08	0.00	2.08
22.60	4.67	0.00	4.67	25.20	2.06	0.00	2.06
22.65	4.66	0.00	4.66	25.25	2.04	0.00	2.04
22.70	4.64	0.00	4.64	25.30	2.03	0.00	2.03
22.75	4.63	0.00	4.63	25.35	2.01	0.00	2.01
22.80	4.61	0.00	4.61	25.40	1.99	0.00	1.99
22.85	4.59	0.00	4.59	25.45	1.97	0.00	1.97
22.90	4.57	0.00	4.57	25.50	1.96	0.00	1.96
22.95	4.56	0.00	4.56	25.55	1.94	0.00	1.94
23.00	4.54	0.00	4.54	25.60	1.92	0.00	1.92
23.05	4.53	0.00	4.53	25.65	1.91	0.00	1.91
23.10	4.52	0.00	4.52	25.70	1.89	0.00	1.89
23.15	4.50	0.00	4.50	25.75	1.88	0.00	1.88
23.20	4.48	0.00	4.48	25.80	1.86	0.00	1.86
23.25	4.46	0.00	4.46	25.85	1.85	0.00	1.85
23.30	4.45	0.00	4.45	25.90	1.83	0.00	1.83
23.35	4.43	0.00	4.43	25.95	1.82	0.00	1.82

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.80	0.00	1.80	28.60	1.14	0.00	1.14
26.05	1.78	0.00	1.78	28.65	1.13	0.00	1.13
26.10	1.77	0.00	1.77	28.70	1.12	0.00	1.12
26.15	1.75	0.00	1.75	28.75	1.11	0.00	1.11
26.20	1.74	0.00	1.74	28.80	1.10	0.00	1.10
26.25	1.72	0.00	1.72	28.85	1.09	0.00	1.09
26.30	1.71	0.00	1.71	28.90	1.08	0.00	1.08
26.35	1.69	0.00	1.69	28.95	1.07	0.00	1.07
26.40	1.68	0.00	1.68	29.00	1.06	0.00	1.06
26.45	1.66	0.00	1.66	29.05	1.06	0.00	1.06
26.50	1.65	0.00	1.65	29.10	1.05	0.00	1.05
26.55	1.63	0.00	1.63	29.15	1.04	0.00	1.04
26.60	1.62	0.00	1.62	29.20	1.03	0.00	1.03
26.65	1.60	0.00	1.60	29.25	1.02	0.00	1.02
26.70	1.59	0.00	1.59	29.30	1.02	0.00	1.02
26.75	1.57	0.00	1.57	29.35	1.01	0.00	1.01
26.80	1.56	0.00	1.56	29.40	1.00	0.00	1.00
26.85	1.54	0.00	1.54	29.45	0.99	0.00	0.99
26.90	1.53	0.00	1.53	29.50	0.99	0.00	0.99
26.95	1.51	0.00	1.51	29.55	0.98	0.00	0.98
27.00	1.50	0.00	1.50	29.60	0.97	0.00	0.97
27.05	1.48	0.00	1.48	29.65	0.97	0.00	0.97
27.10	1.47	0.00	1.47	29.70	0.96	0.00	0.96
27.15	1.46	0.00	1.46	29.75	0.95	0.00	0.95
27.20	1.44	0.00	1.44	29.80	0.94	0.00	0.94
27.25	1.43	0.00	1.43	29.85	0.94	0.00	0.94
27.30	1.42	0.00	1.42	29.90	0.93	0.00	0.93
27.35	1.40	0.00	1.40	29.95	0.92	0.00	0.92
27.40	1.39	0.00	1.39	30.00	0.92	0.00	0.92
27.45	1.38	0.00	1.38	30.05	0.91	0.00	0.91
27.50	1.37	0.00	1.37	30.10	0.90	0.00	0.90
27.55	1.36	0.00	1.36	30.15	0.90	0.00	0.90
27.60	1.34	0.00	1.34	30.20	0.89	0.00	0.89
27.65	1.33	0.00	1.33	30.25	0.89	0.00	0.89
27.70	1.32	0.00	1.32	30.30	0.88	0.00	0.88
27.75	1.31	0.00	1.31	30.35	0.87	0.00	0.87
27.80	1.30	0.00	1.30	30.40	0.87	0.00	0.87
27.85	1.29	0.00	1.29	30.45	0.86	0.00	0.86
27.90	1.28	0.00	1.28	30.50	0.85	0.00	0.85
27.95	1.27	0.00	1.27	30.55	0.85	0.00	0.85
28.00	1.26	0.00	1.26	30.60	0.84	0.00	0.84
28.05	1.25	0.00	1.25	30.65	0.84	0.00	0.84
28.10	1.23	0.00	1.23	30.70	0.83	0.00	0.83
28.15	1.22	0.00	1.22	30.75	0.83	0.00	0.83
28.20	1.21	0.00	1.21	30.80	0.82	0.00	0.82
28.25	1.20	0.00	1.20	30.85	0.81	0.00	0.81
28.30	1.19	0.00	1.19	30.90	0.81	0.00	0.81
28.35	1.18	0.00	1.18	30.95	0.80	0.00	0.80
28.40	1.17	0.00	1.17	31.00	0.80	0.00	0.80
28.45	1.16	0.00	1.16	31.05	0.79	0.00	0.79
28.50	1.15	0.00	1.15	31.10	0.79	0.00	0.79
28.55	1.14	0.00	1.14	31.15	0.78	0.00	0.78

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.78	0.00	0.78	33.80	0.55	0.00	0.55
31.25	0.77	0.00	0.77	33.85	0.55	0.00	0.55
31.30	0.77	0.00	0.77	33.90	0.55	0.00	0.55
31.35	0.76	0.00	0.76	33.95	0.54	0.00	0.54
31.40	0.75	0.00	0.75	34.00	0.54	0.00	0.54
31.45	0.75	0.00	0.75	34.05	0.54	0.00	0.54
31.50	0.74	0.00	0.74	34.10	0.53	0.00	0.53
31.55	0.74	0.00	0.74	34.15	0.53	0.00	0.53
31.60	0.73	0.00	0.73	34.20	0.53	0.00	0.53
31.65	0.73	0.00	0.73	34.25	0.52	0.00	0.52
31.70	0.72	0.00	0.72	34.30	0.52	0.00	0.52
31.75	0.72	0.00	0.72	34.35	0.52	0.00	0.52
31.80	0.71	0.00	0.71	34.40	0.51	0.00	0.51
31.85	0.71	0.00	0.71	34.45	0.51	0.00	0.51
31.90	0.70	0.00	0.70	34.50	0.51	0.00	0.51
31.95	0.70	0.00	0.70	34.55	0.50	0.00	0.50
32.00	0.69	0.00	0.69	34.60	0.50	0.00	0.50
32.05	0.69	0.00	0.69	34.65	0.50	0.00	0.50
32.10	0.69	0.00	0.69	34.70	0.50	0.00	0.50
32.15	0.68	0.00	0.68	34.75	0.49	0.00	0.49
32.20	0.68	0.00	0.68	34.80	0.49	0.00	0.49
32.25	0.67	0.00	0.67	34.85	0.49	0.00	0.49
32.30	0.67	0.00	0.67	34.90	0.48	0.00	0.48
32.35	0.66	0.00	0.66	34.95	0.48	0.00	0.48
32.40	0.66	0.00	0.66	35.00	0.48	0.00	0.48
32.45	0.65	0.00	0.65	35.05	0.48	0.00	0.48
32.50	0.65	0.00	0.65	35.10	0.47	0.00	0.47
32.55	0.65	0.00	0.65	35.15	0.47	0.00	0.47
32.60	0.64	0.00	0.64	35.20	0.47	0.00	0.47
32.65	0.64	0.00	0.64	35.25	0.47	0.00	0.47
32.70	0.63	0.00	0.63	35.30	0.46	0.00	0.46
32.75	0.63	0.00	0.63	35.35	0.46	0.00	0.46
32.80	0.63	0.00	0.63	35.40	0.46	0.00	0.46
32.85	0.62	0.00	0.62	35.45	0.45	0.00	0.45
32.90	0.62	0.00	0.62	35.50	0.45	0.00	0.45
32.95	0.61	0.00	0.61	35.55	0.45	0.00	0.45
33.00	0.61	0.00	0.61	35.60	0.45	0.00	0.45
33.05	0.61	0.00	0.61	35.65	0.44	0.00	0.44
33.10	0.60	0.00	0.60	35.70	0.44	0.00	0.44
33.15	0.60	0.00	0.60	35.75	0.44	0.00	0.44
33.20	0.60	0.00	0.60	35.80	0.44	0.00	0.44
33.25	0.59	0.00	0.59	35.85	0.44	0.00	0.44
33.30	0.59	0.00	0.59	35.90	0.43	0.00	0.43
33.35	0.58	0.00	0.58	35.95	0.43	0.00	0.43
33.40	0.58	0.00	0.58	36.00	0.43	0.00	0.43
33.45	0.58	0.00	0.58	36.05	0.43	0.00	0.43
33.50	0.57	0.00	0.57	36.10	0.42	0.00	0.42
33.55	0.57	0.00	0.57	36.15	0.42	0.00	0.42
33.60	0.57	0.00	0.57	36.20	0.42	0.00	0.42
33.65	0.56	0.00	0.56	36.25	0.42	0.00	0.42
33.70	0.56	0.00	0.56	36.30	0.42	0.00	0.42
33.75	0.56	0.00	0.56	36.35	0.41	0.00	0.41

Hydrograph for Link PDA-2: Proposed Drainage Area #2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.41	0.00	0.41	39.00	0.31	0.00	0.31
36.45	0.41	0.00	0.41	39.05	0.31	0.00	0.31
36.50	0.41	0.00	0.41	39.10	0.31	0.00	0.31
36.55	0.40	0.00	0.40	39.15	0.30	0.00	0.30
36.60	0.40	0.00	0.40	39.20	0.30	0.00	0.30
36.65	0.40	0.00	0.40	39.25	0.30	0.00	0.30
36.70	0.40	0.00	0.40	39.30	0.30	0.00	0.30
36.75	0.40	0.00	0.40	39.35	0.30	0.00	0.30
36.80	0.39	0.00	0.39	39.40	0.30	0.00	0.30
36.85	0.39	0.00	0.39	39.45	0.29	0.00	0.29
36.90	0.39	0.00	0.39	39.50	0.29	0.00	0.29
36.95	0.39	0.00	0.39	39.55	0.29	0.00	0.29
37.00	0.39	0.00	0.39	39.60	0.29	0.00	0.29
37.05	0.38	0.00	0.38	39.65	0.29	0.00	0.29
37.10	0.38	0.00	0.38	39.70	0.29	0.00	0.29
37.15	0.38	0.00	0.38	39.75	0.28	0.00	0.28
37.20	0.38	0.00	0.38	39.80	0.28	0.00	0.28
37.25	0.38	0.00	0.38	39.85	0.28	0.00	0.28
37.30	0.37	0.00	0.37	39.90	0.28	0.00	0.28
37.35	0.37	0.00	0.37	39.95	0.28	0.00	0.28
37.40	0.37	0.00	0.37	40.00	0.28	0.00	0.28
37.45	0.37	0.00	0.37				
37.50	0.37	0.00	0.37				
37.55	0.36	0.00	0.36				
37.60	0.36	0.00	0.36				
37.65	0.36	0.00	0.36				
37.70	0.36	0.00	0.36				
37.75	0.36	0.00	0.36				
37.80	0.35	0.00	0.35				
37.85	0.35	0.00	0.35				
37.90	0.35	0.00	0.35				
37.95	0.35	0.00	0.35				
38.00	0.35	0.00	0.35				
38.05	0.34	0.00	0.34				
38.10	0.34	0.00	0.34				
38.15	0.34	0.00	0.34				
38.20	0.34	0.00	0.34				
38.25	0.34	0.00	0.34				
38.30	0.34	0.00	0.34				
38.35	0.33	0.00	0.33				
38.40	0.33	0.00	0.33				
38.45	0.33	0.00	0.33				
38.50	0.33	0.00	0.33				
38.55	0.33	0.00	0.33				
38.60	0.32	0.00	0.32				
38.65	0.32	0.00	0.32				
38.70	0.32	0.00	0.32				
38.75	0.32	0.00	0.32				
38.80	0.32	0.00	0.32				
38.85	0.32	0.00	0.32				
38.90	0.31	0.00	0.31				
38.95	0.31	0.00	0.31				

2025-07-14 Proposed- 081391_3

Prepared by Bowman Consulting Group

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Page 2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
18.326	74	>75% Grass cover, Good, HSG C (29P, 30P, 31P, 32P, 33P, 34P, 35P, 36AP, 36BP, 37AP, 38BP, 38P, 39P, 40P, UPDA-3)
1.445	98	Concrete, HSC C (29I, 31I, 33I, 34I, 35I, 36AI, 36BI, 37AI, 37BI, 38I, 39I, 40I)
0.195	98	Paved roads w/curbs & sewers, HSG C (39I, 40I)
4.648	98	Pavement, HSG C (29I, 31I, 33I, 35I, 36AI, 36BI, 37AI, 37BI)
4.726	98	Roof, HSG C (30I, 31I, 32I, 33I, 34I, 35I, 36AI, 36BI, 38I, 39I, 40I)
0.279	98	Unconnected roofs, HSG C (37BI)
29.619	83	TOTAL AREA

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

Runoff = 0.97 cfs @ 1.15 hrs, Volume= 0.032 af, Depth= 1.03"
 Routed to Pond B-29 : Basin #29

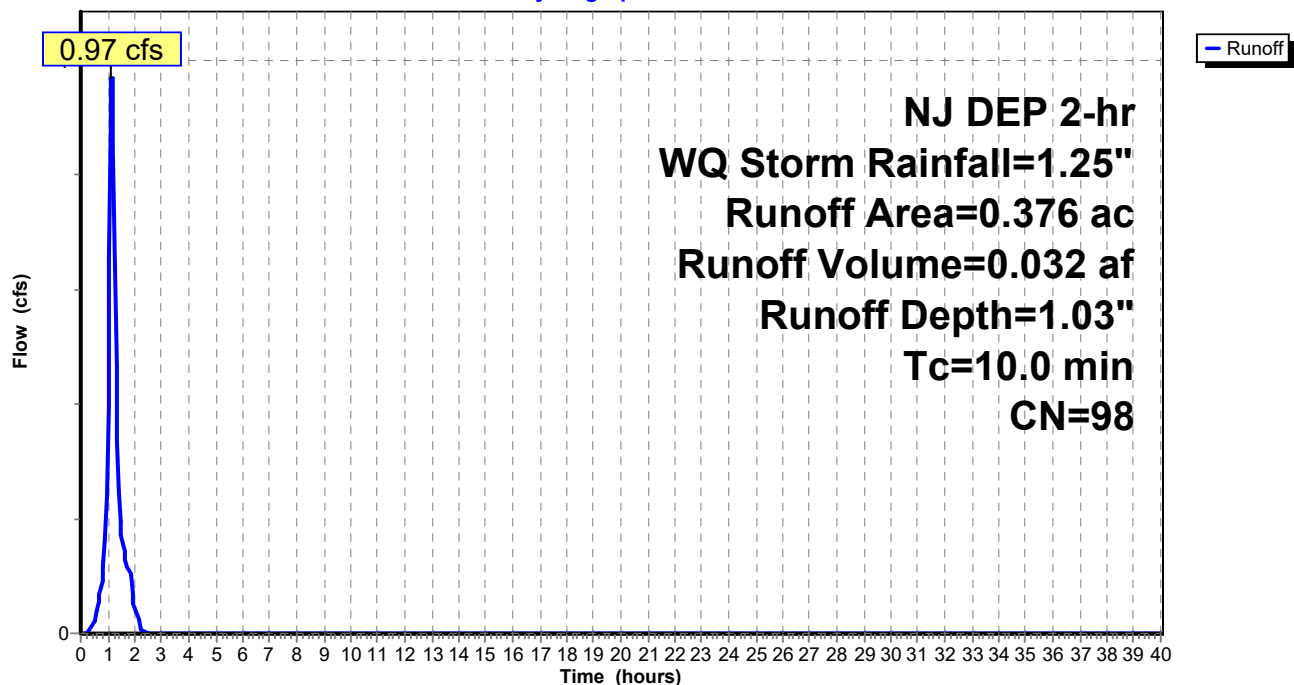
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.02	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.03	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.04	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.05	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.07	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.08	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.09	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.12	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.16	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.24	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.40	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.66	3.65	1.25	1.03	0.00
1.10	0.91	0.71	0.89	3.70	1.25	1.03	0.00
1.15	0.97	0.76	0.97	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.85	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.64	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.46	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.34	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.25	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.20	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.17	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.16	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.14	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.13	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.12	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.11	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.11	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.09	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.07	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.05	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.04	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.04	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.03	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.02	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.09 cfs @ 1.27 hrs, Volume= 0.004 af, Depth= 0.07"
Routed to Pond B-29 : Basin #29

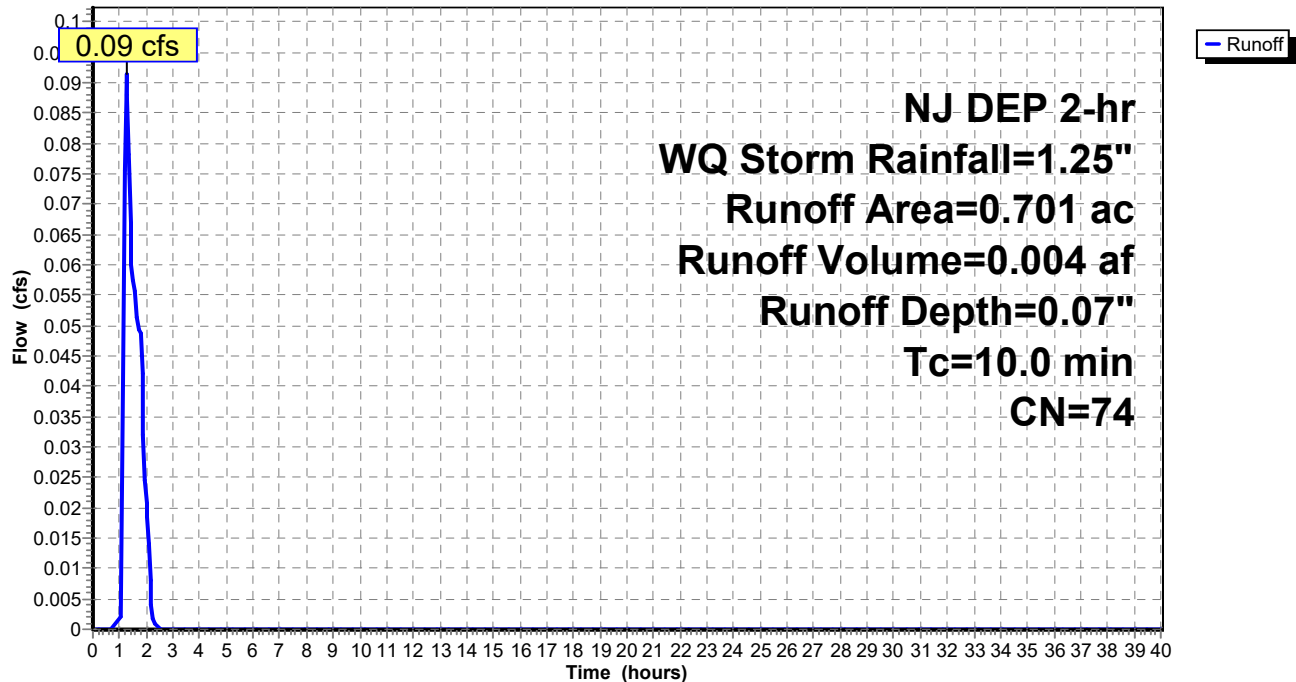
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

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

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.04	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.08	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.09	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.09	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.08	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.07	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.06	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.06	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.06	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.05	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.05	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.05	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.05	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.05	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.04	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.03	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.02	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.02	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.02	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.01	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 1.66 cfs @ 1.15 hrs, Volume= 0.055 af, Depth= 1.03"
 Routed to Pond B-30 : Basin #30

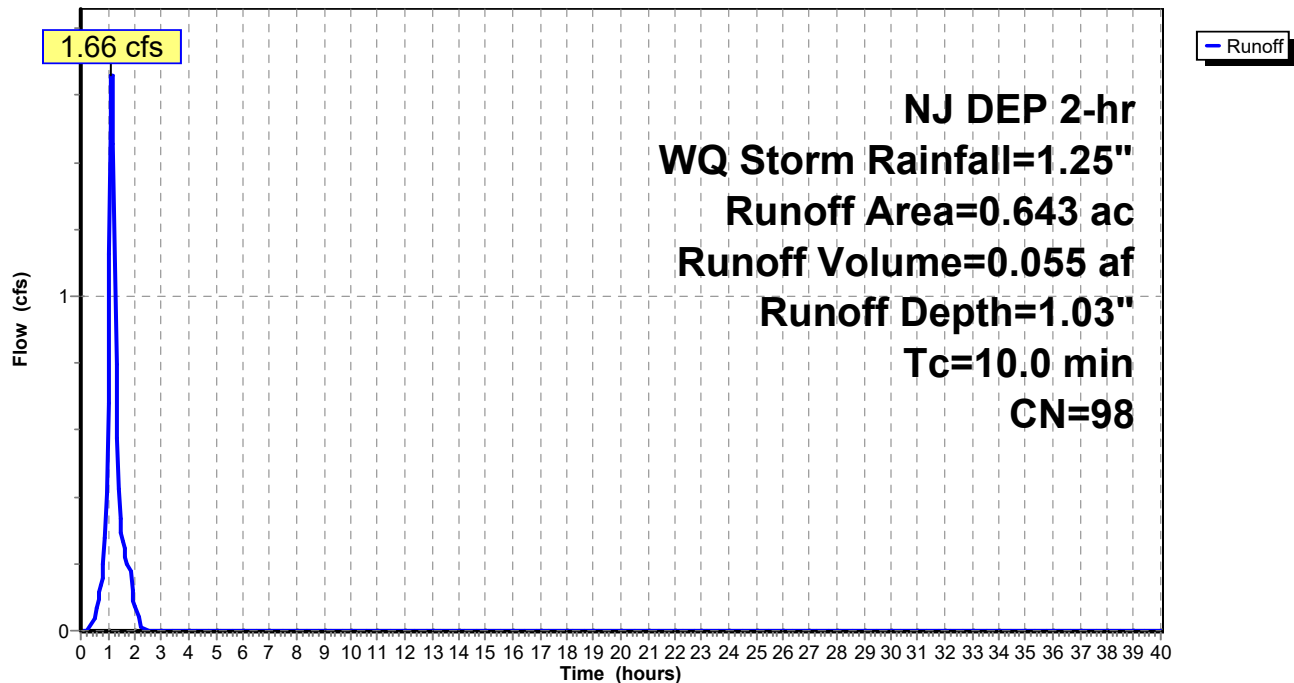
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

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

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.04	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.07	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.09	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.12	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.13	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.16	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.20	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.28	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.41	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.68	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.12	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.51	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.66	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.45	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.09	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.79	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.57	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.42	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.34	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.29	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.27	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.24	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.22	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.20	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.20	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.19	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.16	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.12	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.09	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.08	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.07	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.05	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.03	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 0.23 cfs @ 1.27 hrs, Volume= 0.011 af, Depth= 0.07"
 Routed to Pond B-30 : Basin #30

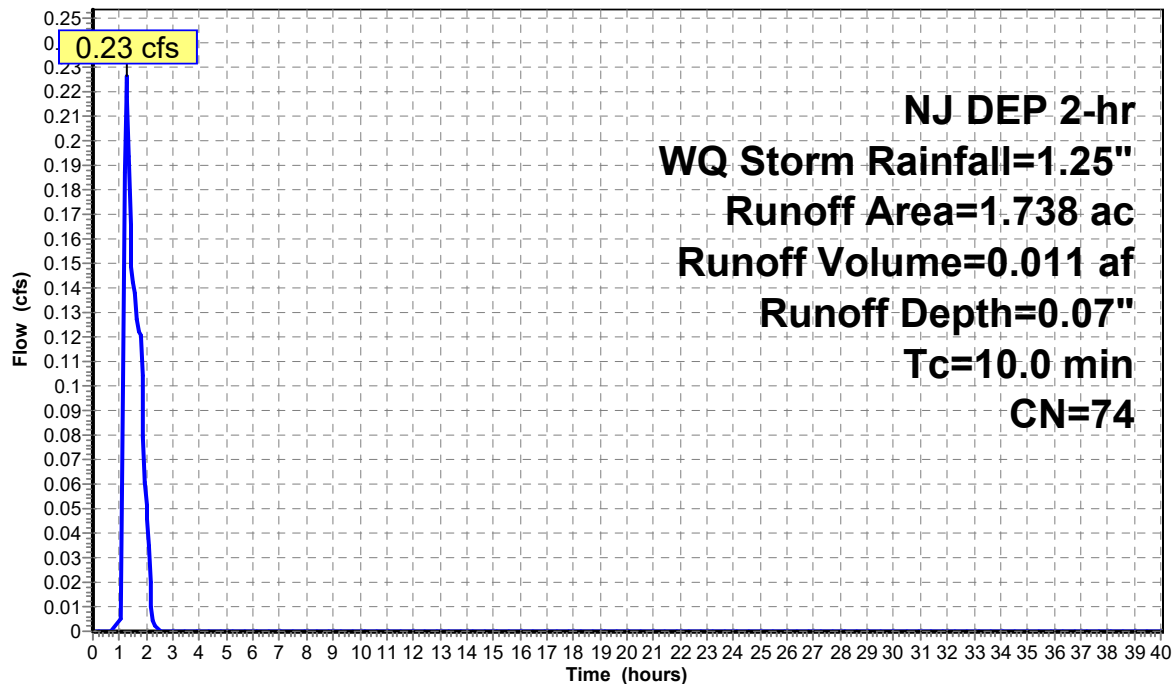
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

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

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.10	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.19	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.22	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.22	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.19	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.17	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.15	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.14	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.14	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.14	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.13	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.12	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.12	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.12	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.10	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.08	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.06	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.05	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.04	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 1.85 cfs @ 1.15 hrs, Volume= 0.062 af, Depth= 1.03"
Routed to Pond B-31 : Basin #31

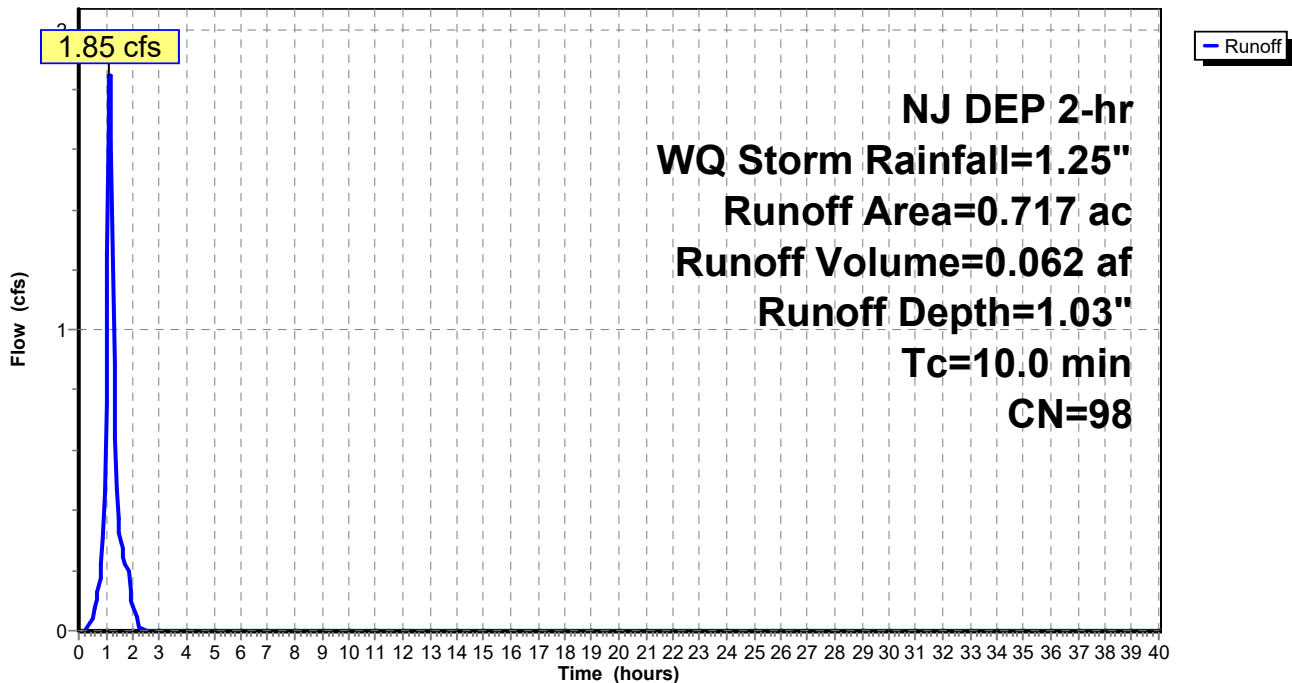
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

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

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.05	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.07	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.10	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.13	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.15	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.17	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.22	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.31	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.45	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.76	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.25	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.69	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.85	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.62	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.22	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.88	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.64	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.47	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.37	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.32	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.30	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.27	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.25	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.23	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.22	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.21	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.18	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.14	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.10	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.09	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.08	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.06	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.03	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 0.03 cfs @ 1.27 hrs, Volume= 0.001 af, Depth= 0.07"
Routed to Pond B-31 : Basin #31

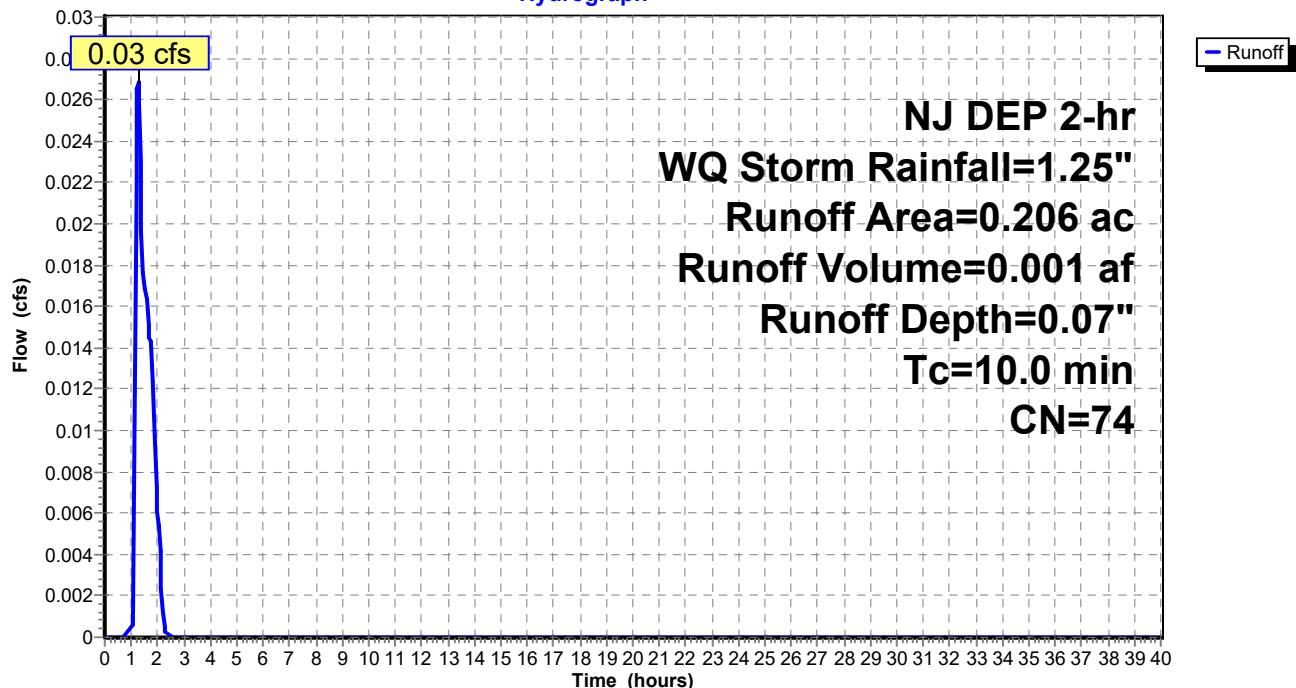
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

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

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.00	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.01	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.02	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.03	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.03	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.02	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.02	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.02	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.02	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.02	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.02	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.02	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.01	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.01	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.01	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.01	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.01	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.01	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.01	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.01	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 0.99 cfs @ 1.15 hrs, Volume= 0.033 af, Depth= 1.03"
Routed to Pond B-32 : Basin #32

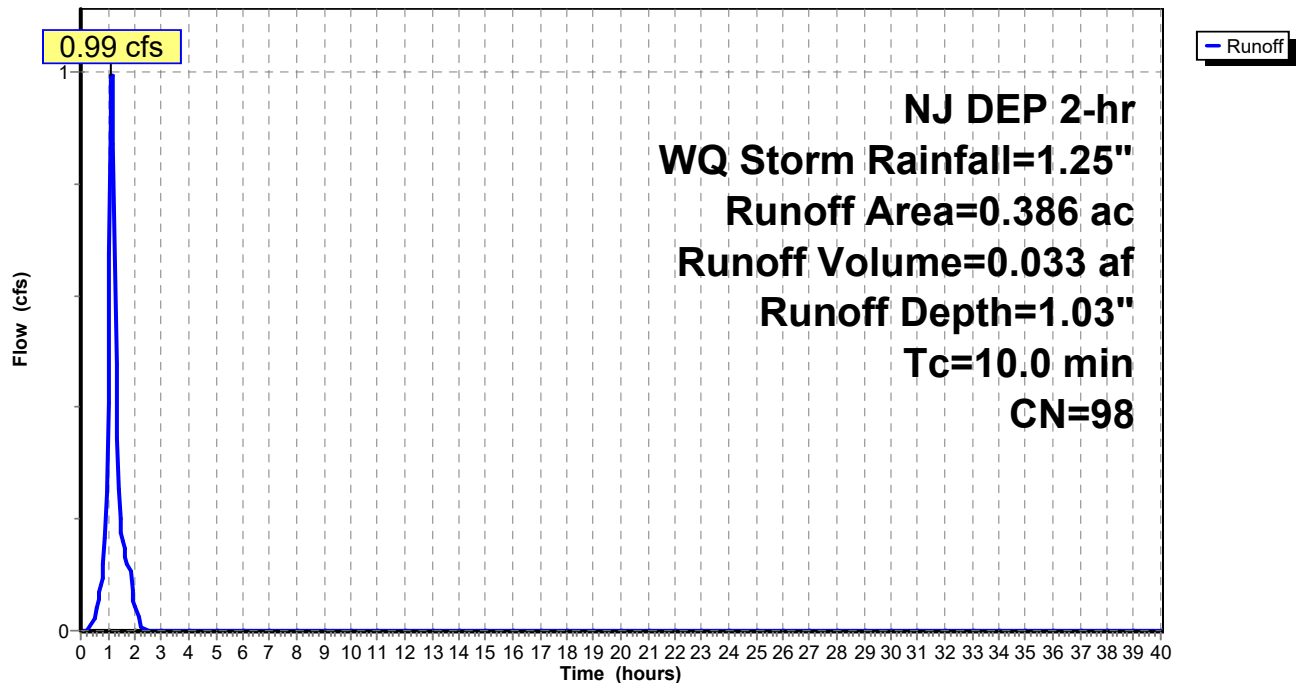
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

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

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.02	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.03	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.04	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.06	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.07	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.08	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.09	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.12	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.17	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.24	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.41	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.67	3.65	1.25	1.03	0.00
1.10	0.91	0.71	0.91	3.70	1.25	1.03	0.00
1.15	0.97	0.76	0.99	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.87	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.66	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.48	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.34	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.25	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.20	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.17	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.16	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.15	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.13	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.12	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.12	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.11	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.10	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.07	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.05	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.05	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.04	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.03	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.02	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 0.13 cfs @ 1.27 hrs, Volume= 0.006 af, Depth= 0.07"
Routed to Pond B-32 : Basin #32

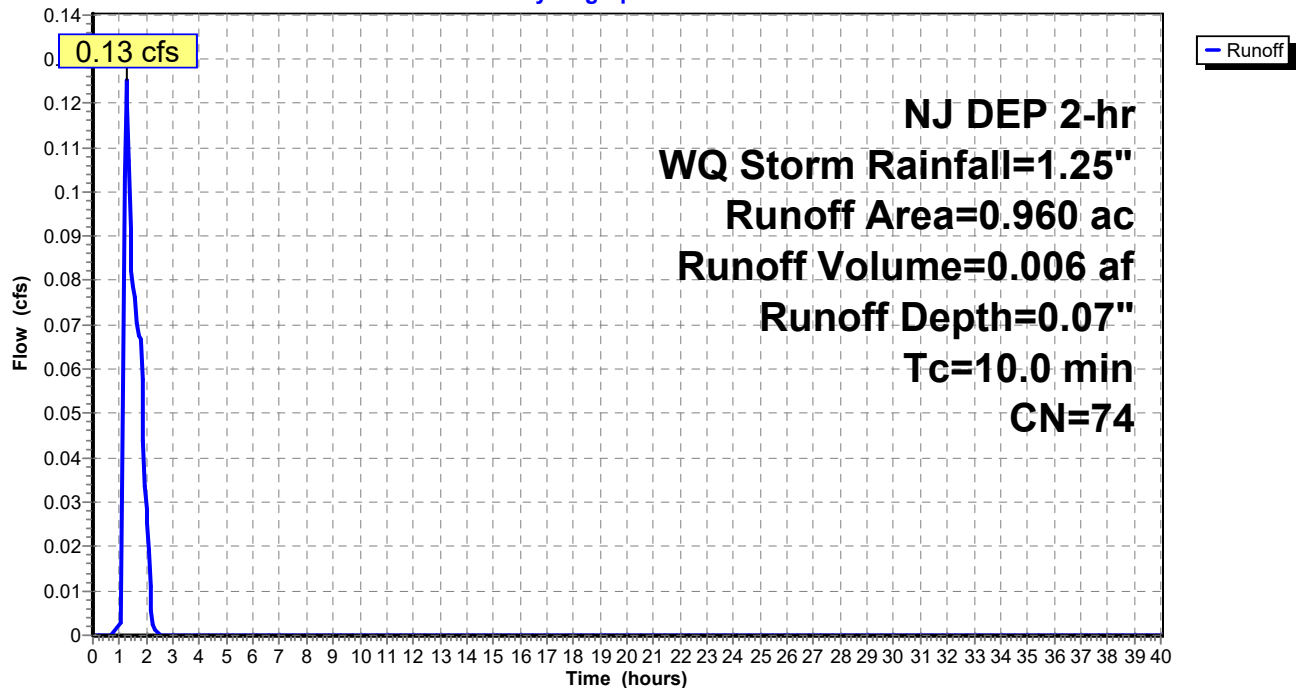
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.10	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.12	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.12	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.11	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.09	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.08	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.08	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.08	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.07	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.07	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.07	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.07	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.07	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.06	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

Runoff = 2.31 cfs @ 1.15 hrs, Volume= 0.077 af, Depth= 1.03"
Routed to Pond B-33 : Basin #33

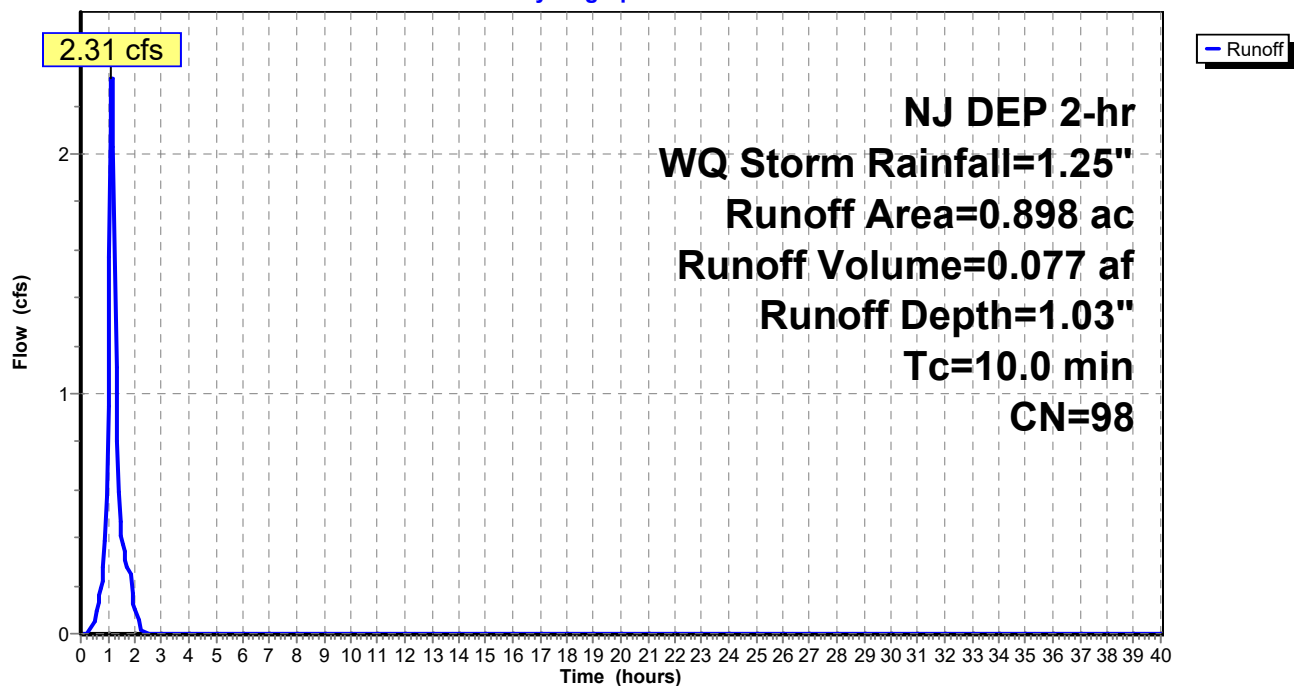
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 33I: PDA-33 (impervious)

Hydrograph



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.22	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.28	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.39	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.57	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.95	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.57	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.11	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.31	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.03	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.53	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.11	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.80	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.59	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.47	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.41	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.37	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.31	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.29	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.23	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 0.11 cfs @ 1.27 hrs, Volume= 0.005 af, Depth= 0.07"
 Routed to Pond B-33 : Basin #33

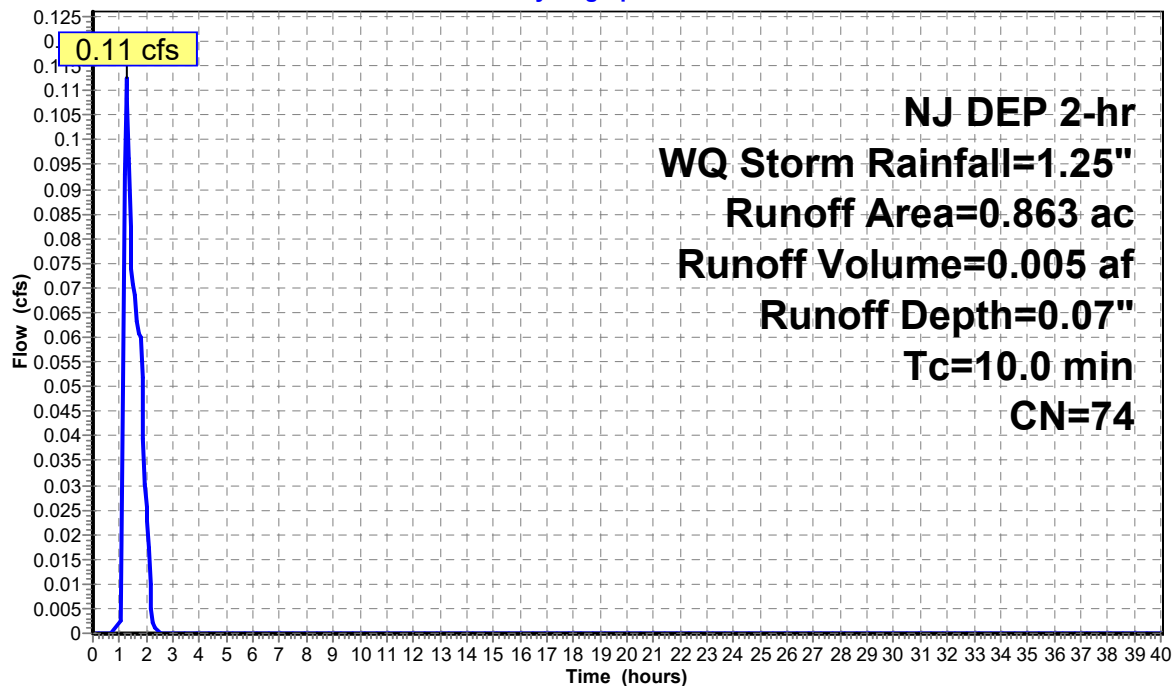
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

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

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.05	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.09	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.11	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.11	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.10	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.08	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.07	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.07	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.07	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.07	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.06	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.06	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.06	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.06	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.05	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.02	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 1.08 cfs @ 1.15 hrs, Volume= 0.036 af, Depth= 1.03"
 Routed to Pond B-34 : Basin #34

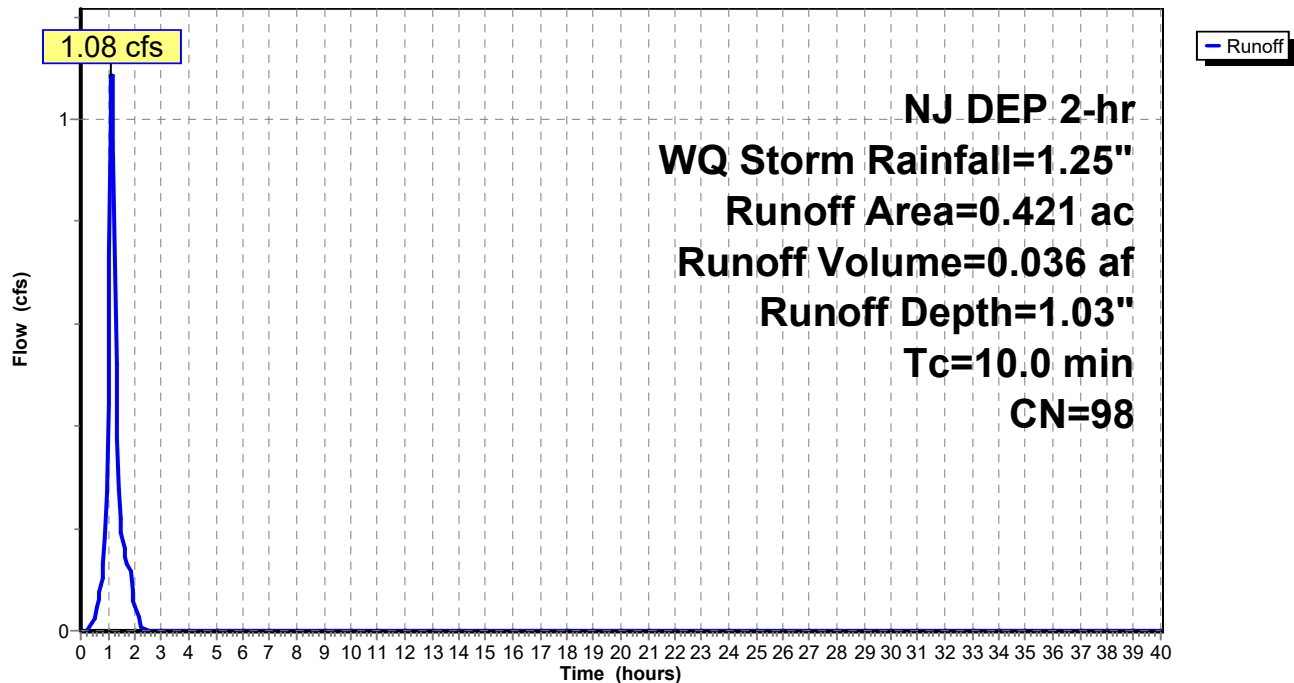
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

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

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.02	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.03	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.04	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.06	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.08	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.09	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.10	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.13	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.18	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.27	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.45	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.73	3.65	1.25	1.03	0.00
1.10	0.91	0.71	0.99	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.08	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.95	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.72	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.52	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.38	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.28	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.22	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.19	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.17	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.16	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.14	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.13	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.13	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.12	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.11	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.08	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.06	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.05	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.04	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.03	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.02	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 0.18 cfs @ 1.27 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-34 : Basin #34

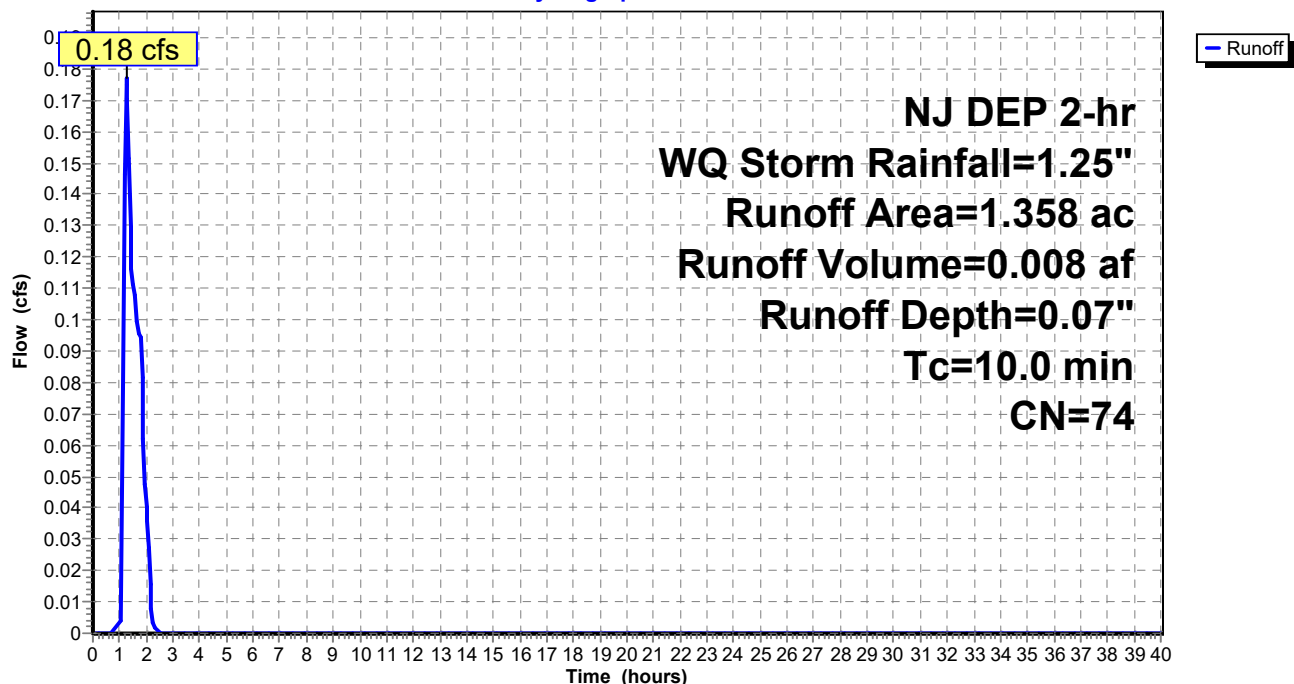
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

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

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.17	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.17	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.12	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.11	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.10	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.09	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.09	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 3.37 cfs @ 1.15 hrs, Volume= 0.113 af, Depth= 1.03"
Routed to Pond B-35 : Basin #35

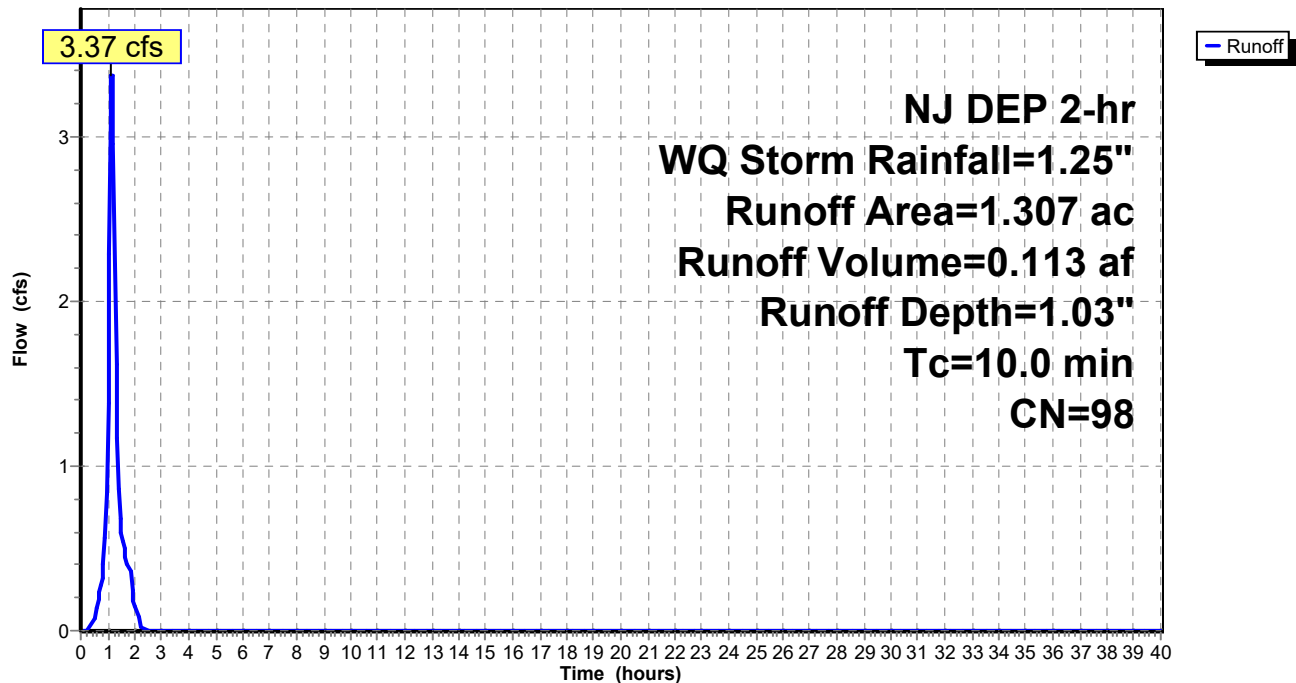
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

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

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.01	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.06	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.09	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.14	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.19	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.23	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.27	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.32	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.40	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.56	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.83	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.38	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.28	3.65	1.25	1.03	0.00
1.10	0.91	0.71	3.08	3.70	1.25	1.03	0.00
1.15	0.97	0.76	3.36	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.95	3.80	1.25	1.03	0.00
1.25	1.05	0.84	2.22	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.61	3.90	1.25	1.03	0.00
1.35	1.09	0.88	1.17	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.86	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.68	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.59	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.54	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.50	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.45	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.42	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.40	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.38	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.33	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.25	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.19	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.16	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.14	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.10	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.06	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.03	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.01	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 0.08 cfs @ 1.27 hrs, Volume= 0.004 af, Depth= 0.07"
Routed to Pond B-35 : Basin #35

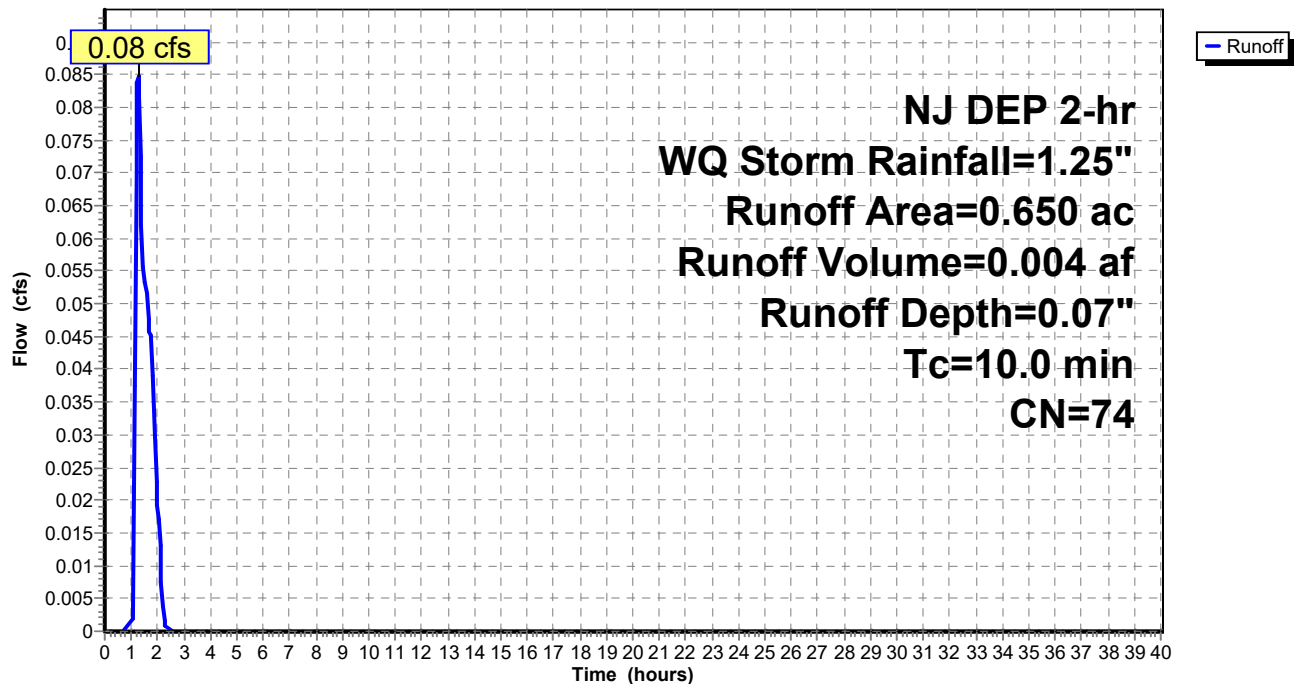
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

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

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.04	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.07	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.08	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.08	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.07	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.06	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.06	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.05	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.05	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.05	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.05	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.05	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.05	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.04	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.04	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.03	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.02	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.02	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.02	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.01	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 36AI: PDA-36A (impervious)

Runoff = 2.49 cfs @ 1.15 hrs, Volume= 0.083 af, Depth= 1.03"
Routed to Pond B-36A : Basin #36A

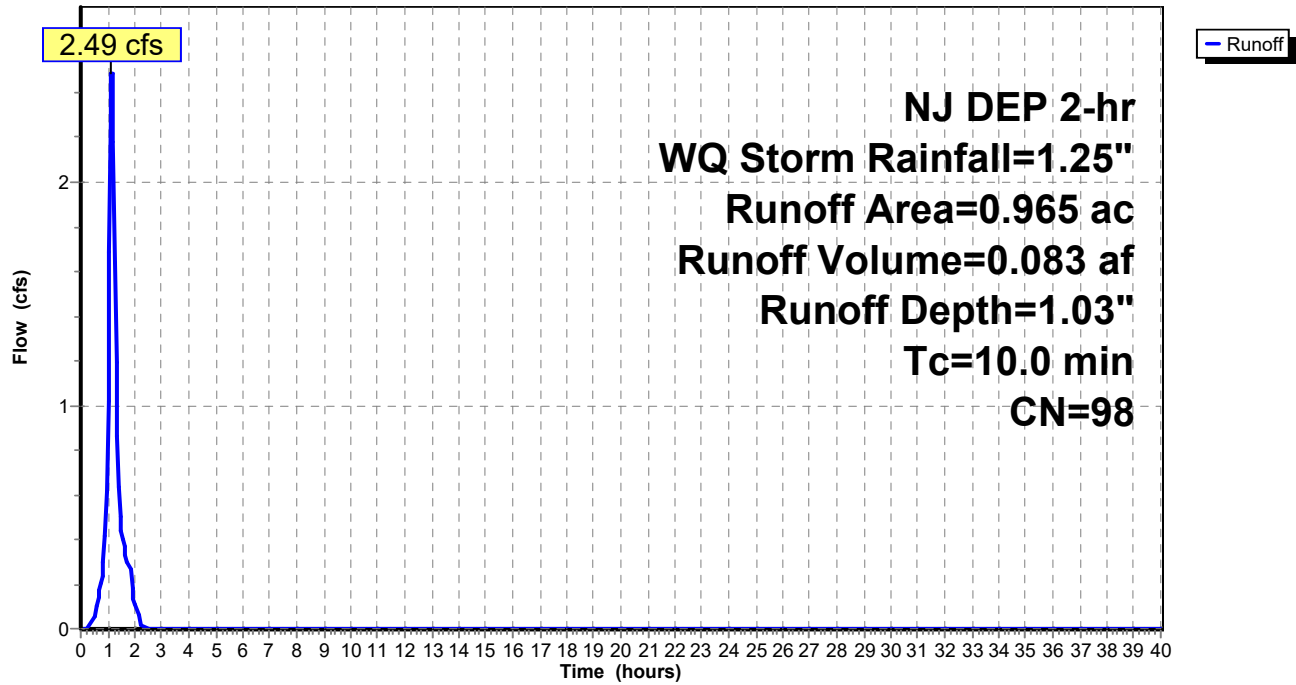
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.132	98	Concrete, HSC C
0.965	98	Weighted Average
0.965		100.00% Impervious Area

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

Subcatchment 36AI: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.07	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.10	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.14	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.17	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.20	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.23	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.30	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.42	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.61	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.02	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.68	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.27	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.48	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.18	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.64	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.19	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.86	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.64	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.50	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.44	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.40	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.37	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.33	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.31	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.30	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.28	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.24	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.18	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.14	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.12	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.10	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.08	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 0.18 cfs @ 1.27 hrs, Volume= 0.009 af, Depth= 0.07"
 Routed to Pond B-36A : Basin #36A

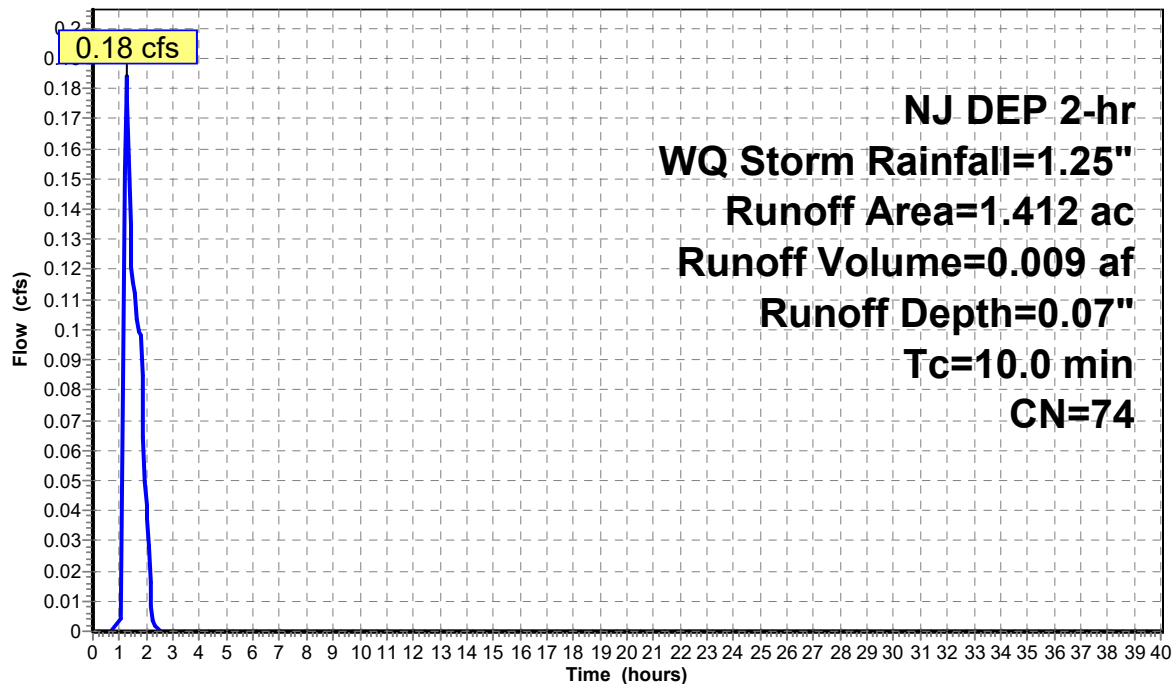
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.412	74	>75% Grass cover, Good, HSG C
1.412		100.00% Pervious Area

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

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.18	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.18	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.16	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.14	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.12	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.12	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.11	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.10	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.10	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 2.96 cfs @ 1.15 hrs, Volume= 0.099 af, Depth= 1.03"
Routed to Pond B-36B : Basin #36B

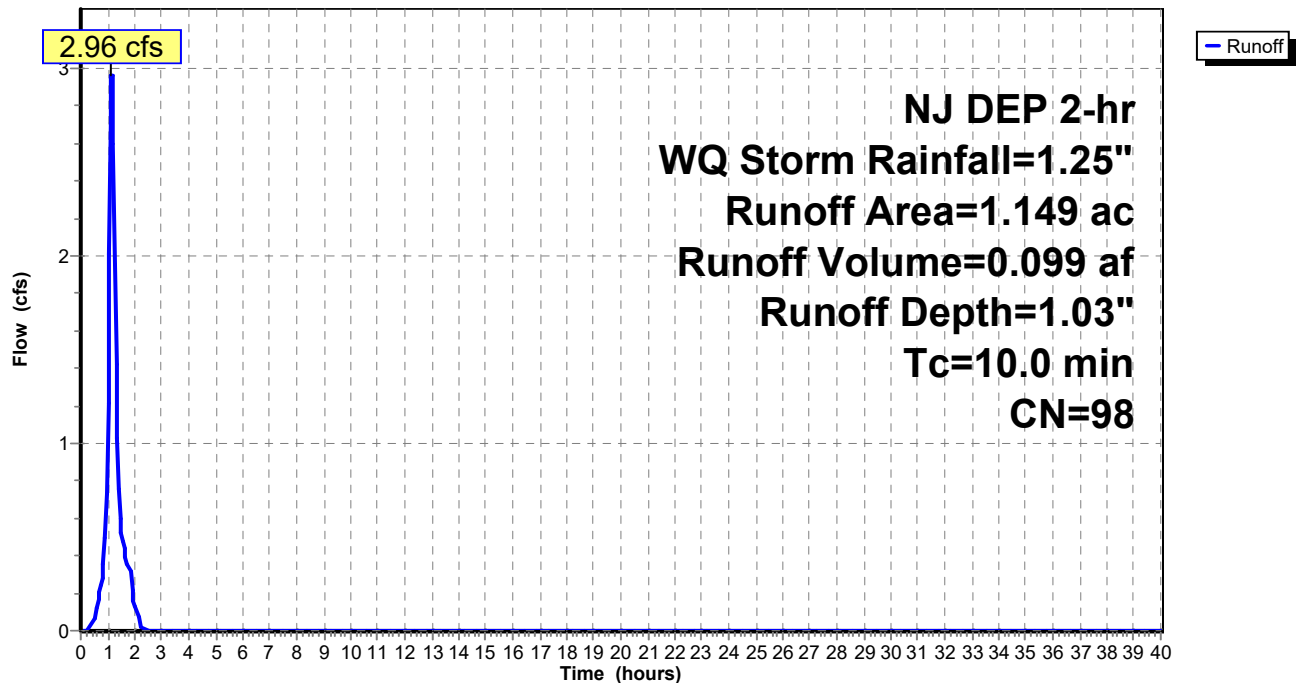
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

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

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.01	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.05	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.08	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.12	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.16	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.21	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.24	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.28	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.36	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.49	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.73	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.22	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.01	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.71	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.96	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.59	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.96	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.42	3.90	1.25	1.03	0.00
1.35	1.09	0.88	1.03	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.76	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.60	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.52	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.48	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.44	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.39	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.36	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.35	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.34	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.29	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.22	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.16	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.14	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.12	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.09	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.05	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.03	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.01	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 0.17 cfs @ 1.27 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-36B : Basin #36B

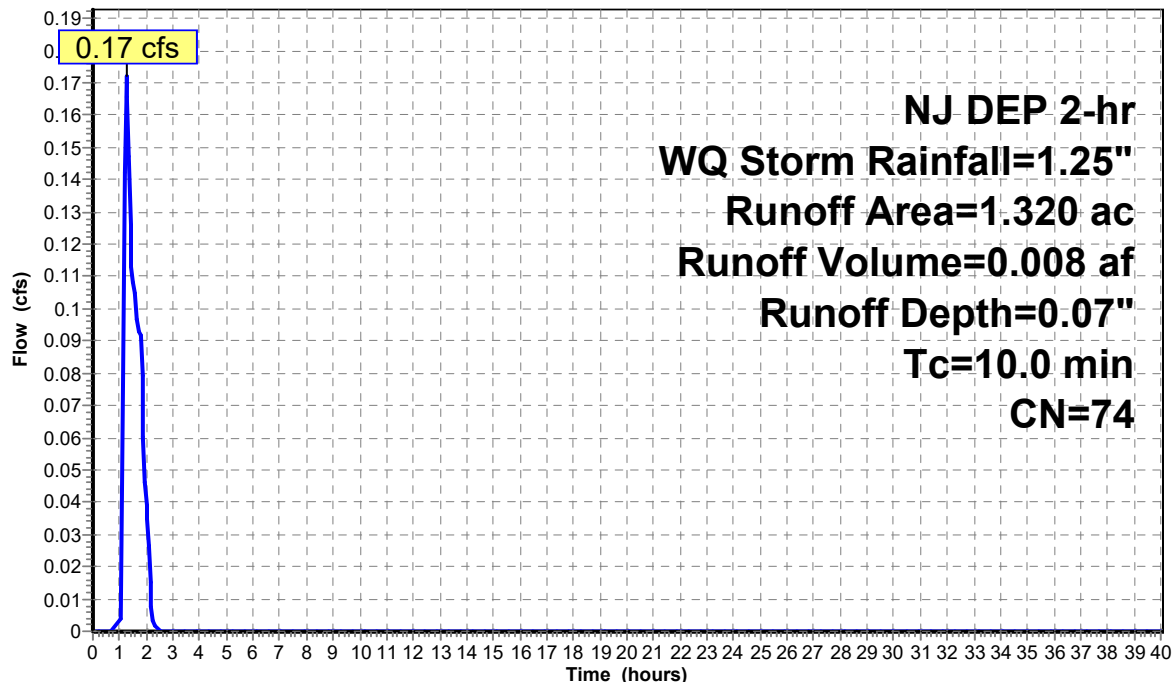
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

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

Subcatchment 36BP: PDA-36B (pervious)

Hydrograph



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.14	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.17	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.17	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.11	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.10	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.09	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.09	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.09	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 2.20 cfs @ 1.15 hrs, Volume= 0.074 af, Depth= 1.03"
Routed to Pond B-37A : Basin #37A

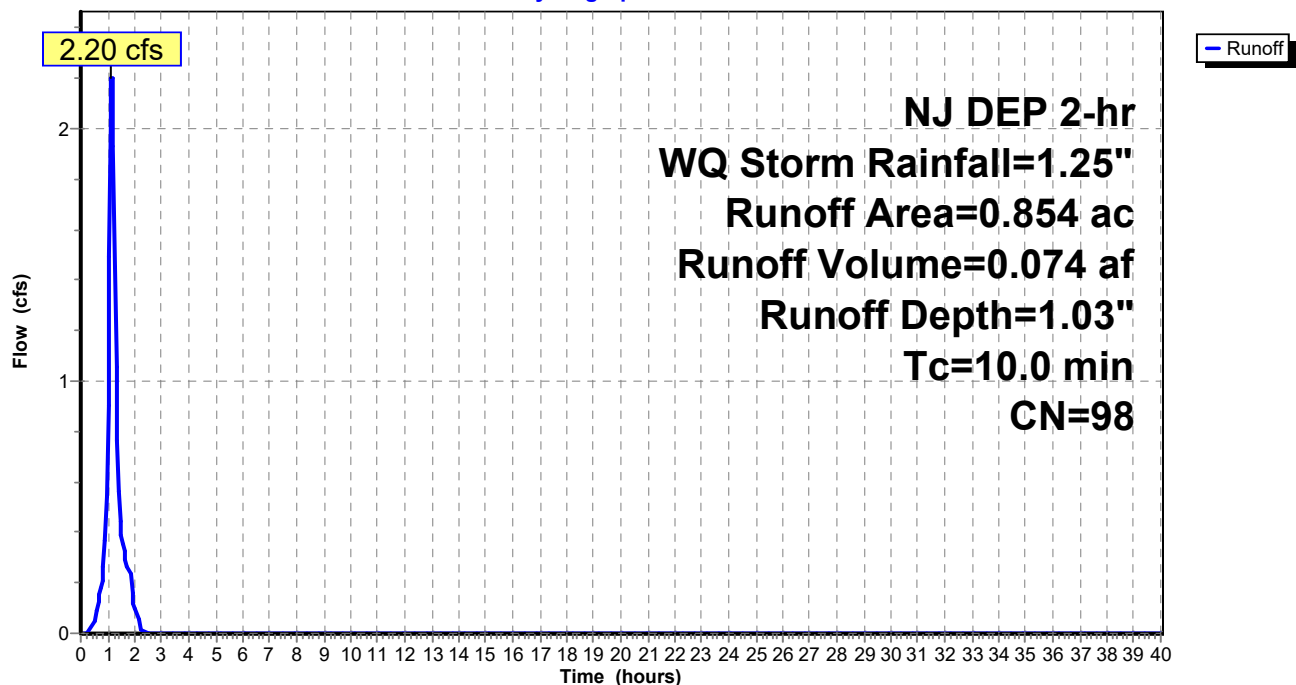
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

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

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.12	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.15	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.18	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.21	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.26	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.37	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.54	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.90	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.49	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.01	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.20	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.93	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.45	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.05	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.76	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.56	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.45	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.39	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.35	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.32	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.29	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.27	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.26	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.25	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.22	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.16	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.12	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.10	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 0.17 cfs @ 1.27 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-37A : Basin #37A

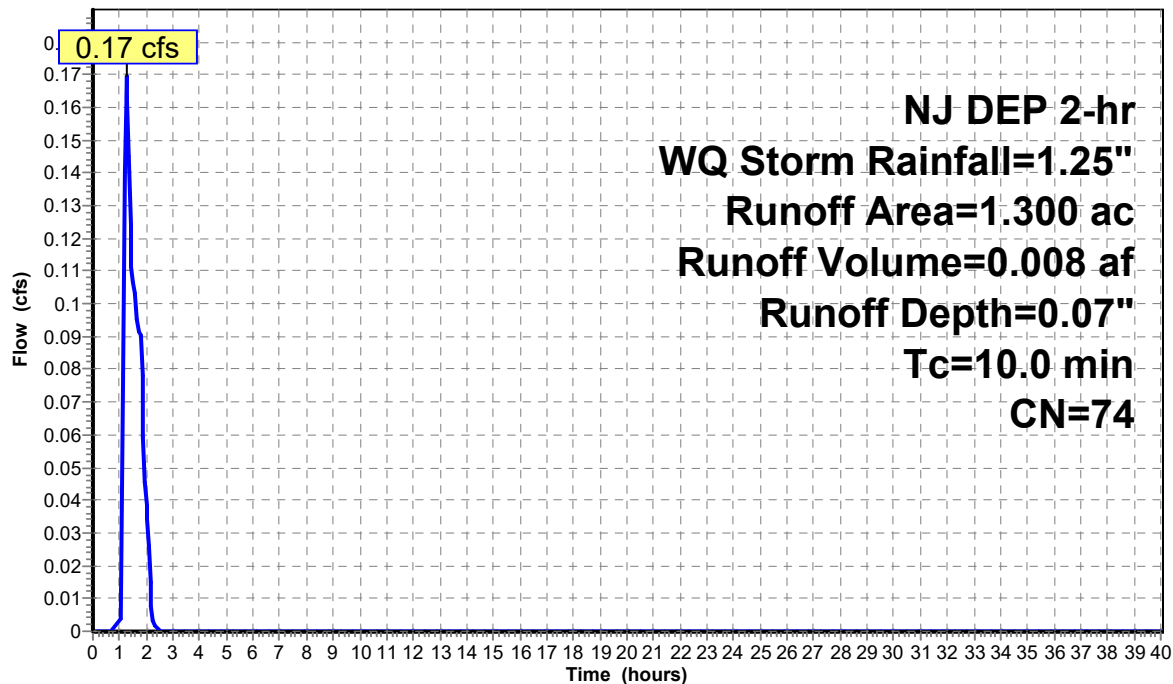
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

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

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.07	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.14	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.17	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.16	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.12	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.11	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.10	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.09	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.09	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.09	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 3.00 cfs @ 1.15 hrs, Volume= 0.100 af, Depth= 1.03"
 Routed to Pond B-37B : Basin #37B

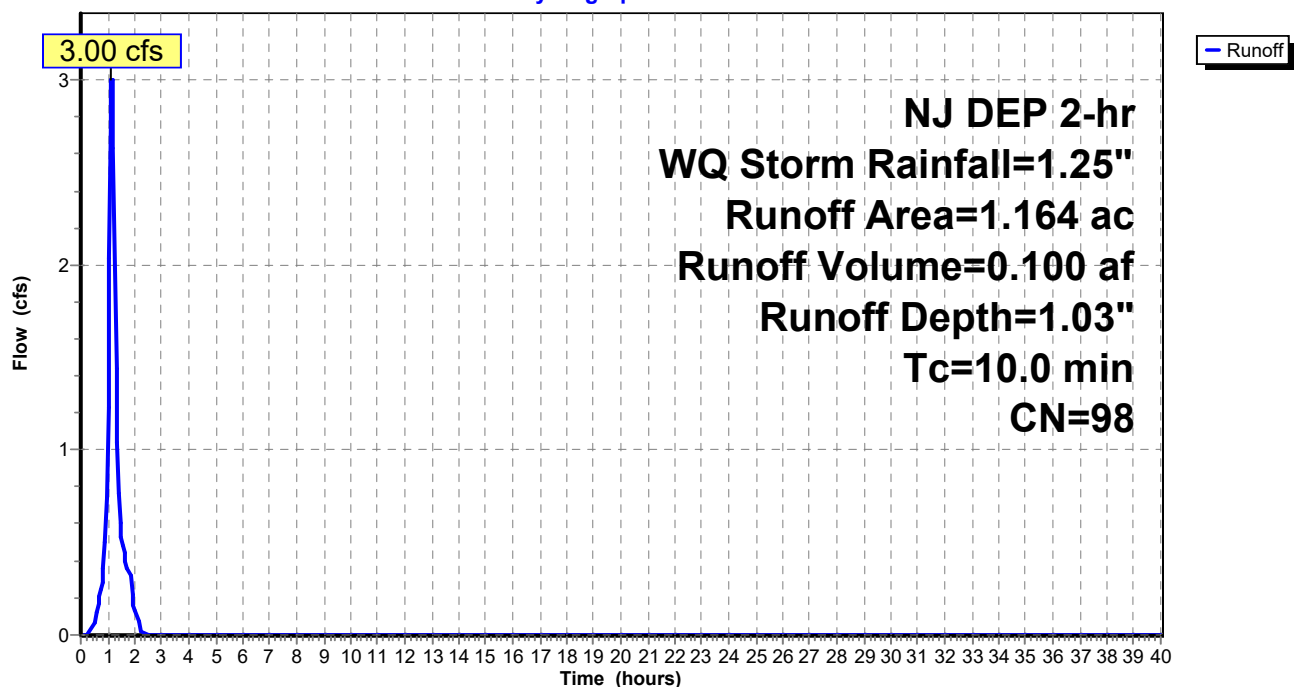
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

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

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.01	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.05	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.08	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.12	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.17	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.21	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.24	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.28	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.36	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.50	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.74	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.23	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.03	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.74	3.70	1.25	1.03	0.00
1.15	0.97	0.76	3.00	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.63	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.98	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.43	3.90	1.25	1.03	0.00
1.35	1.09	0.88	1.04	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.77	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.61	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.53	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.48	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.44	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.40	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.37	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.36	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.34	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.29	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.22	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.17	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.14	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.12	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.09	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.05	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.03	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.01	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 0.13 cfs @ 1.27 hrs, Volume= 0.006 af, Depth= 0.07"
Routed to Pond B-37B : Basin #37B

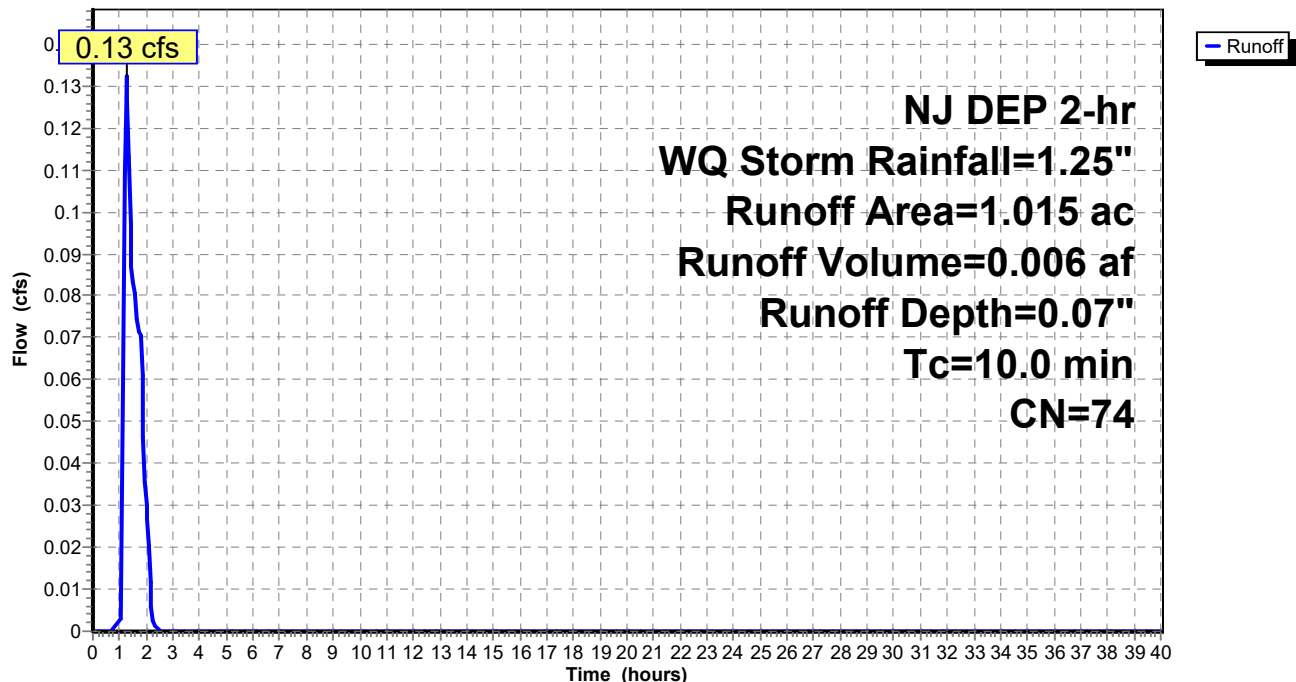
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

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

Subcatchment 38BP: PDA-37B (pervious)

Hydrograph



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.11	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.13	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.13	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.11	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.10	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.09	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.08	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.08	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.08	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.07	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.07	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.07	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.07	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.06	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.05	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.04	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 1.90 cfs @ 1.15 hrs, Volume= 0.064 af, Depth= 1.03"
Routed to Pond B-38 : Basin #38

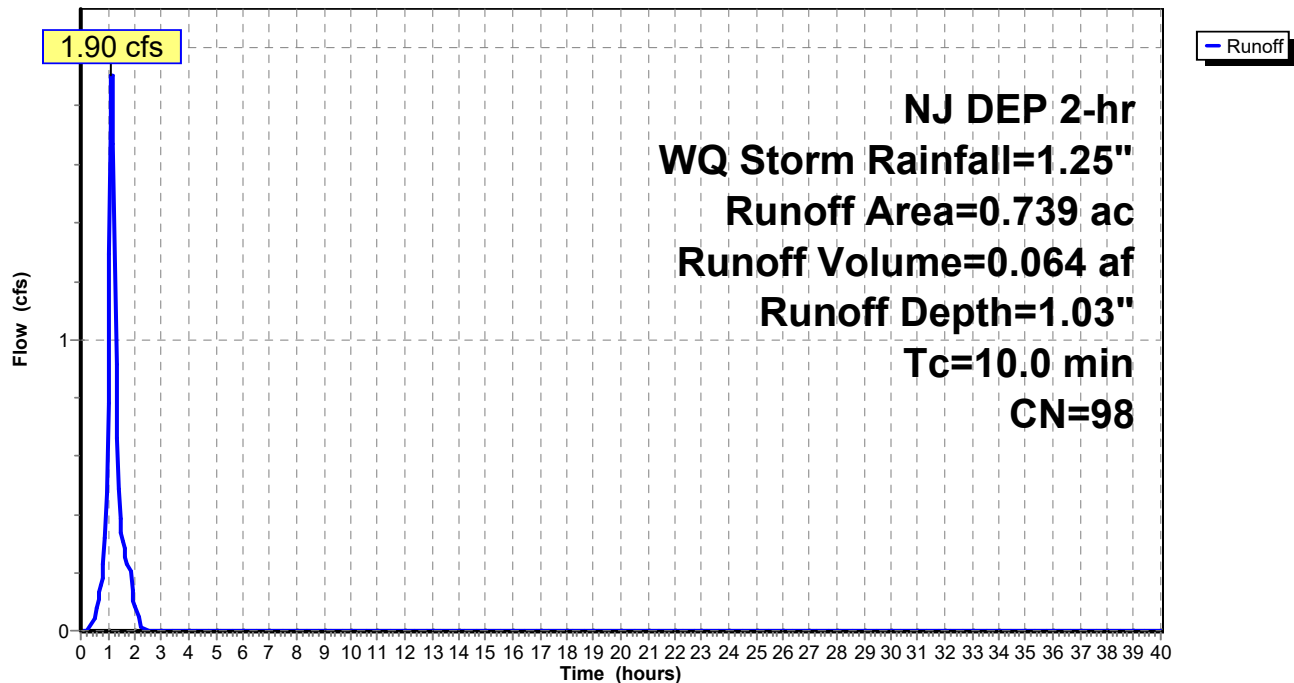
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

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

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.05	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.08	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.11	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.13	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.15	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.18	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.23	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.32	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.47	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.78	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.29	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.74	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.90	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.67	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.26	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.91	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.66	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.49	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.39	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.33	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.31	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.28	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.25	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.23	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.23	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.22	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.19	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.14	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.11	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.09	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.08	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.06	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.03	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 0.18 cfs @ 1.27 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-38 : Basin #38

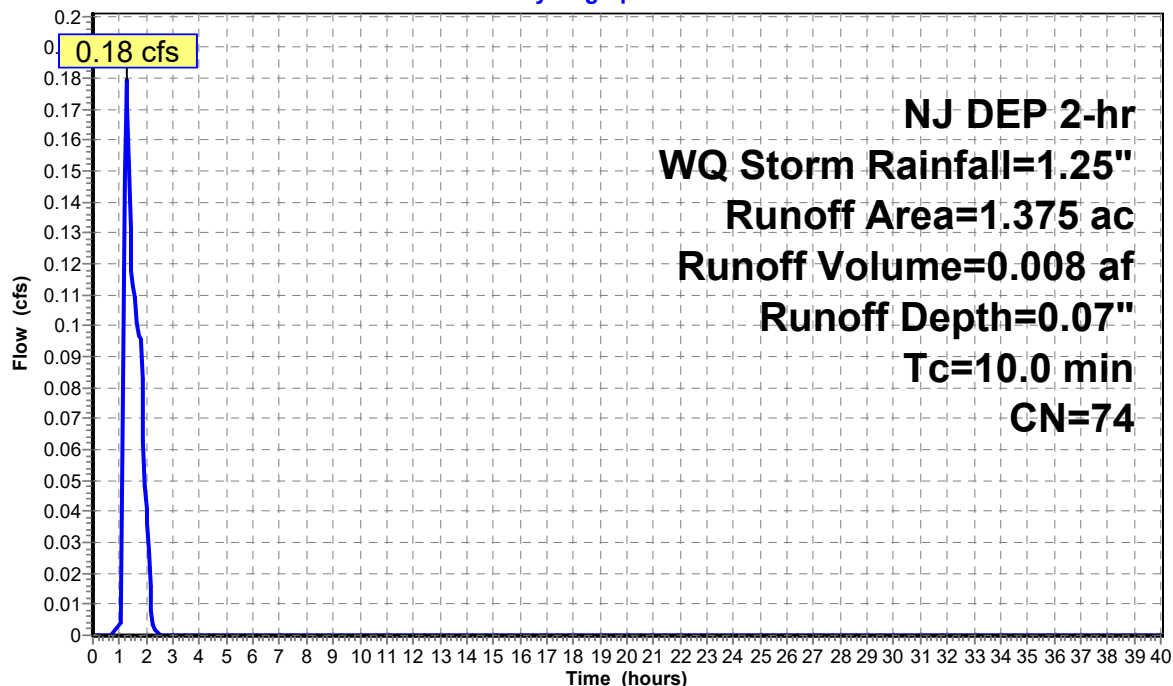
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

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

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.18	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.17	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.12	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.11	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.10	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.10	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.10	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.09	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.08	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.06	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 2.02 cfs @ 1.15 hrs, Volume= 0.068 af, Depth= 1.03"
Routed to Pond B-39 : Basin #39

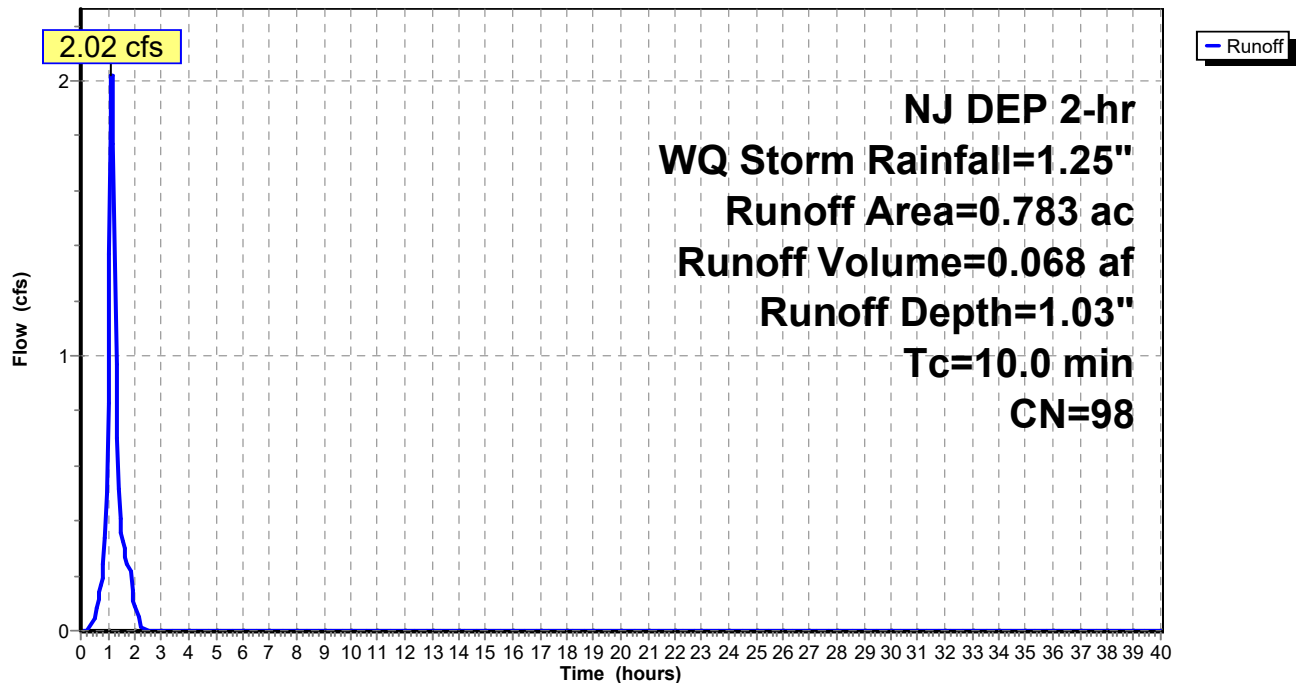
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.783	98	Weighted Average
0.783		100.00% Impervious Area

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

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.05	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.08	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.11	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.14	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.16	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.19	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.24	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.34	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.50	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.83	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.37	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.84	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.02	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.77	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.33	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.96	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.70	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.52	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.41	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.35	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.32	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.30	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.27	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.25	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.24	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.23	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.20	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.15	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.11	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.09	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.08	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.06	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 39P: PDA-39 (pervious)

Runoff = 0.14 cfs @ 1.27 hrs, Volume= 0.007 af, Depth= 0.07"
Routed to Pond B-39 : Basin #39

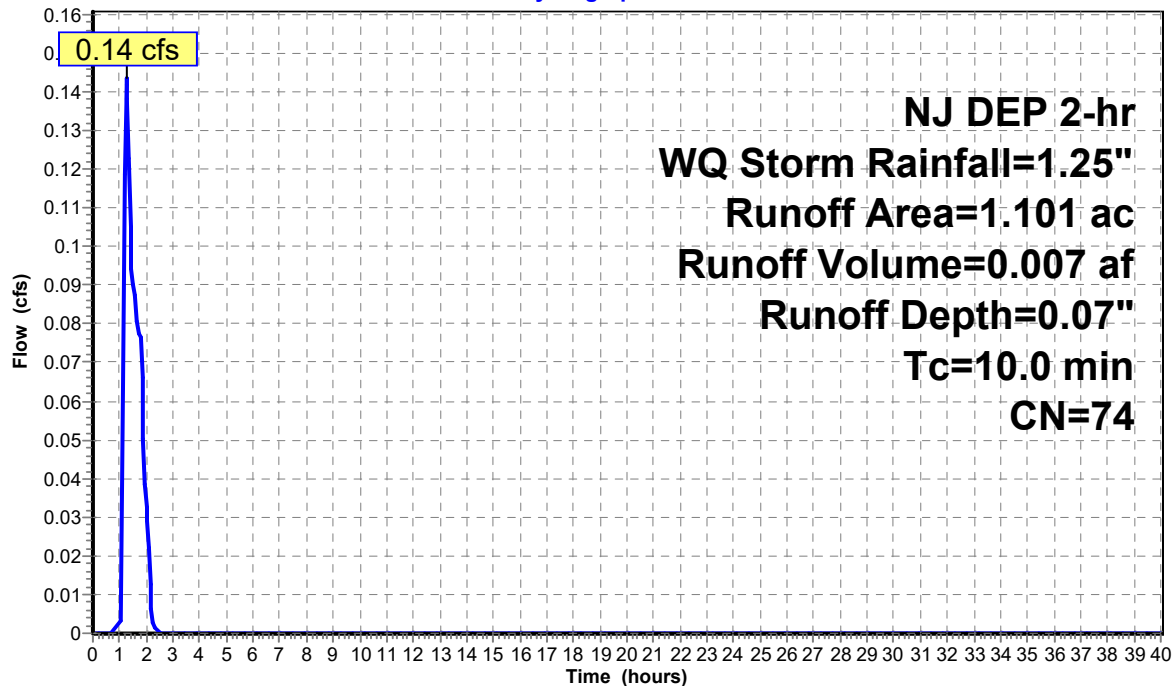
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.101	74	>75% Grass cover, Good, HSG C
1.101		100.00% Pervious Area

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

Subcatchment 39P: PDA-39 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.12	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.14	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.14	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.12	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.11	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.09	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.09	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.09	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.09	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.08	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.08	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.08	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.08	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.07	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.05	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.04	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 2.30 cfs @ 1.15 hrs, Volume= 0.077 af, Depth= 1.03"
 Routed to Pond B-40 : Basin #40

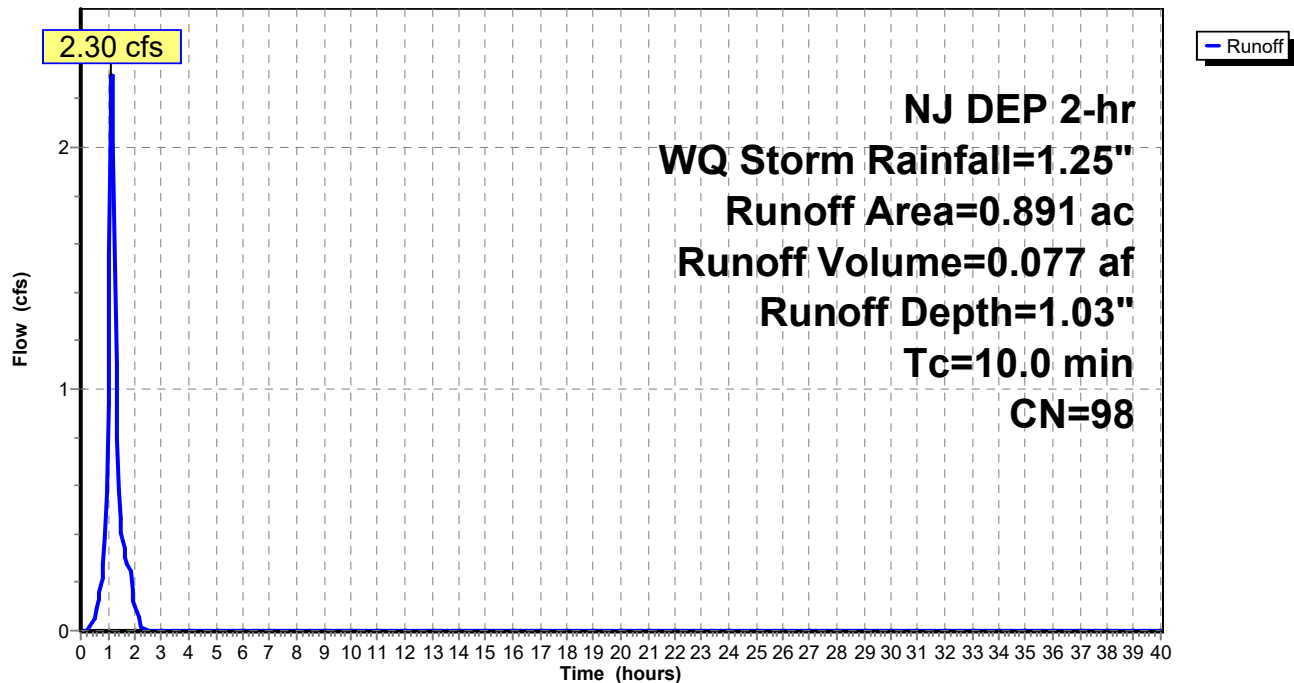
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.891	98	Weighted Average
0.891		100.00% Impervious Area

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

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.02	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.04	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.06	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.09	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.13	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.22	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.28	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.38	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.57	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.94	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.55	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.10	3.70	1.25	1.03	0.00
1.15	0.97	0.76	2.29	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.01	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.52	3.85	1.25	1.03	0.00
1.30	1.07	0.86	1.10	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.80	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.59	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.46	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.40	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.37	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.30	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.28	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.26	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.22	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.17	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.13	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.09	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.07	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.04	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.02	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.01	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

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

Runoff = 0.13 cfs @ 1.27 hrs, Volume= 0.006 af, Depth= 0.07"
Routed to Pond B-40 : Basin #40

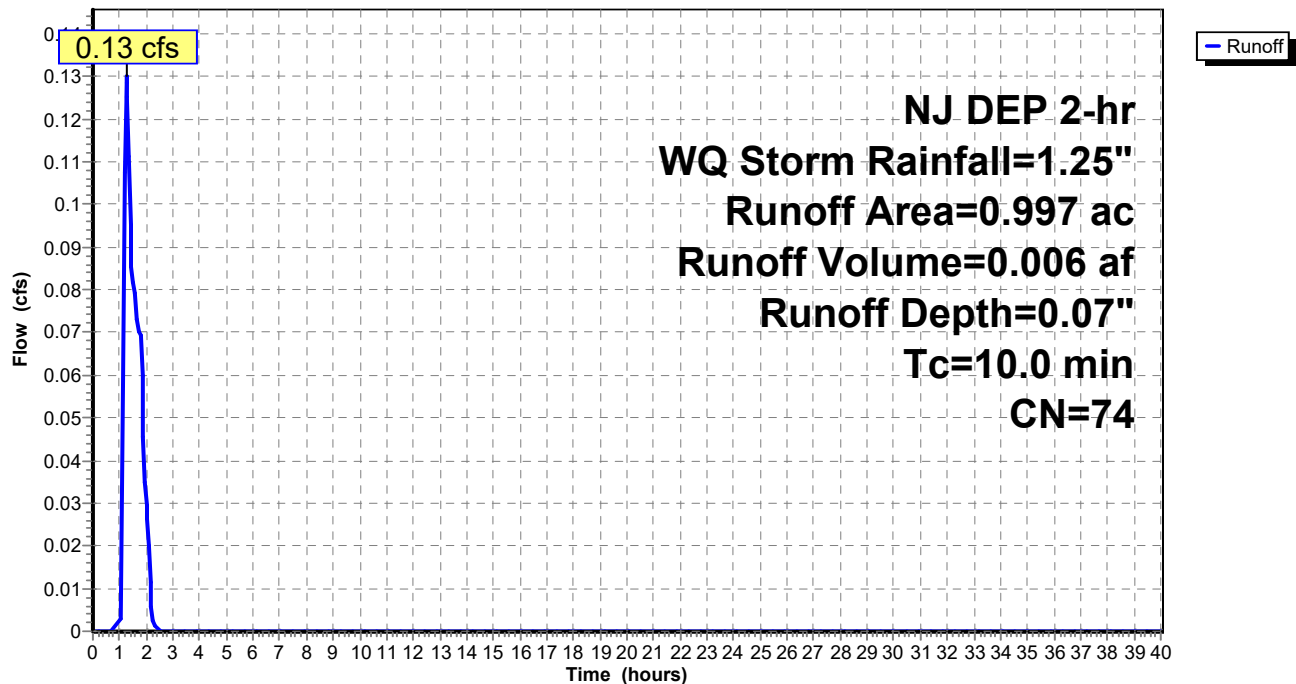
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

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

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

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.11	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.13	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.13	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.11	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.10	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.09	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.08	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.08	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.08	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.07	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.07	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.07	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.07	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.06	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.05	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

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

Runoff = 0.43 cfs @ 1.27 hrs, Volume= 0.020 af, Depth= 0.07"

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

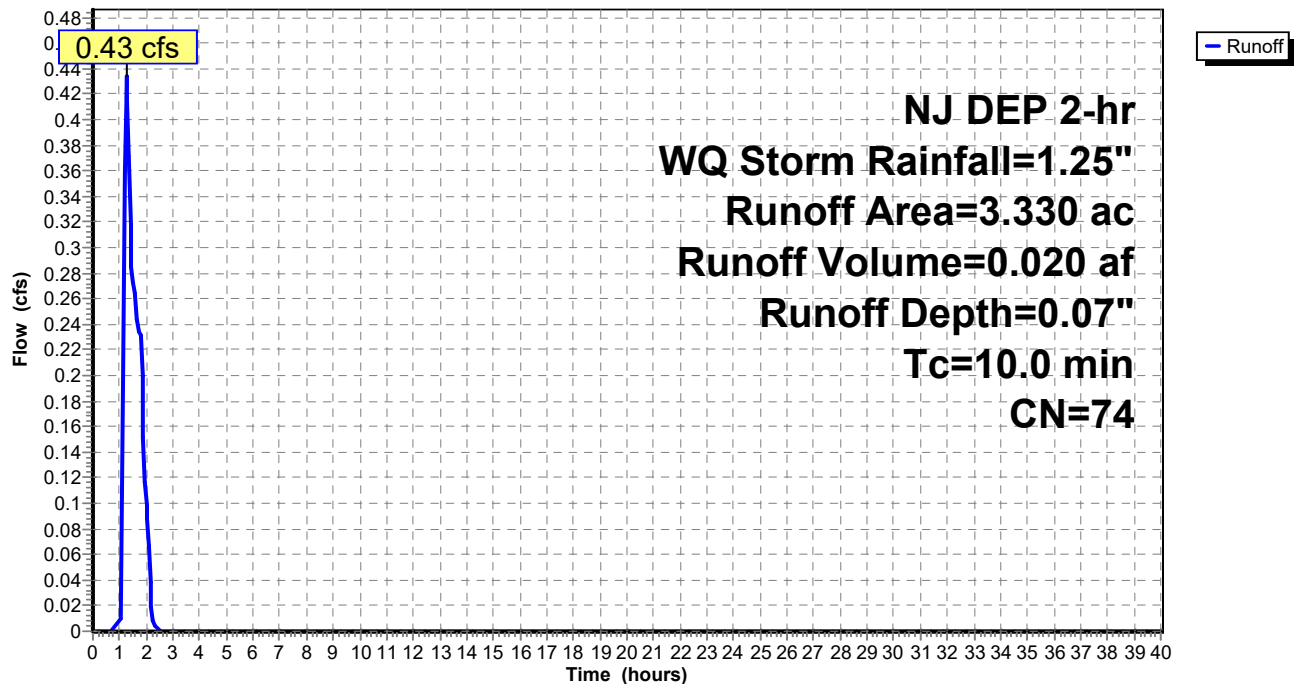
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
3.330	74	>75% Grass cover, Good, HSG C
3.330		100.00% Pervious Area

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

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.04	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.19	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.36	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.43	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.42	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.37	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.32	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.28	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.27	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.27	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.26	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.24	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.23	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.23	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.23	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.20	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.15	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.12	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.10	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.09	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.07	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.04	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.02	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.01	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 1.01 cfs @ 1.15 hrs, Volume= 0.037 af
 Outflow = 0.00 cfs @ 2.50 hrs, Volume= 0.000 af, Atten= 100%, Lag= 80.7 min
 Primary = 0.00 cfs @ 2.50 hrs, Volume= 0.000 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.27' @ 2.50 hrs Surf.Area= 5,969 sf Storage= 1,600 cf

Plug-Flow detention time= 1,144.0 min calculated for 0.000 af (1% of inflow)
 Center-of-Mass det. time= 1,099.5 min (1,175.6 - 76.1)

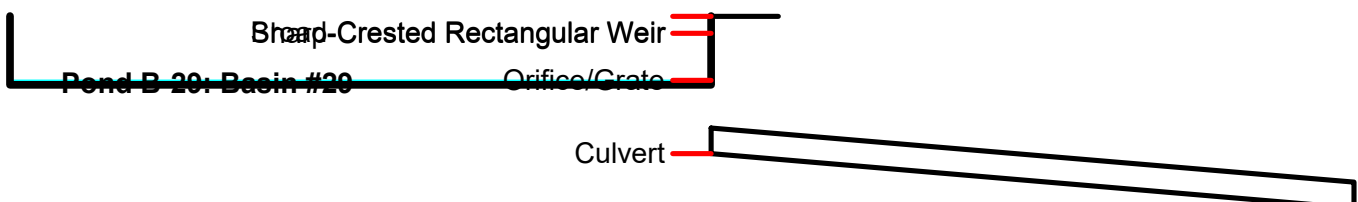
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

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

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

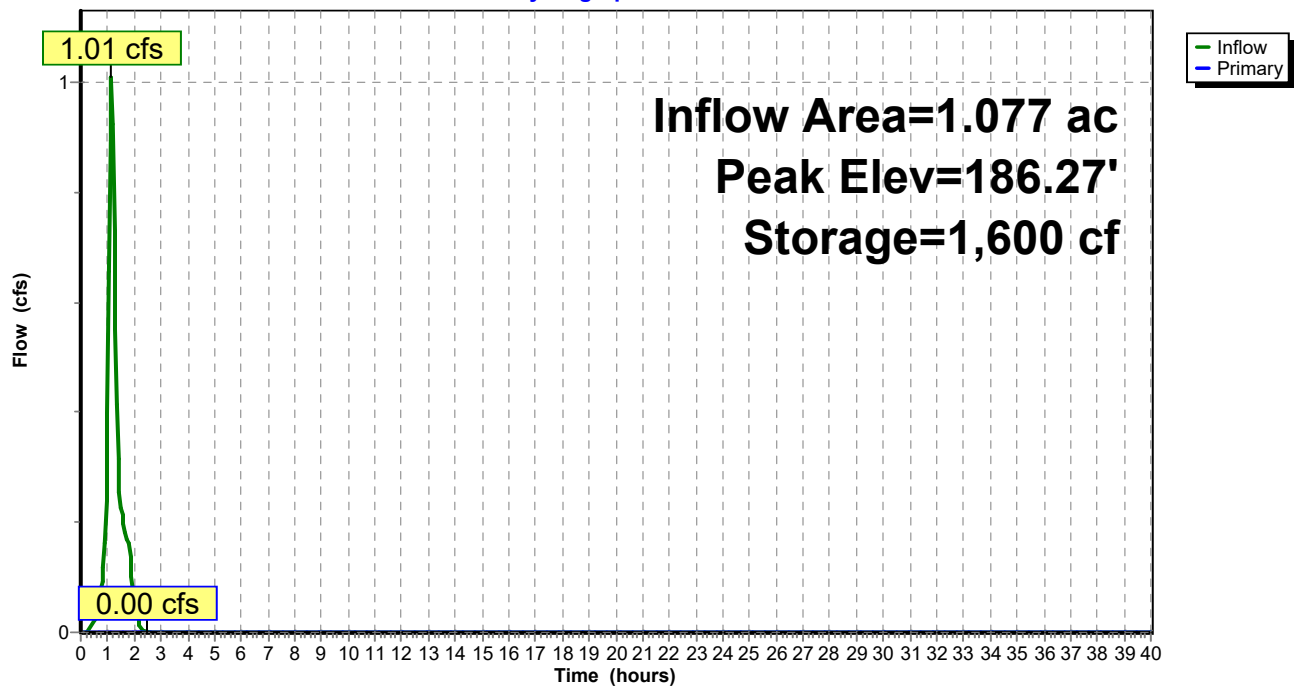
Primary OutFlow Max=0.00 cfs @ 2.50 hrs HW=186.27' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 15.98 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.24 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.02	3	186.00	0.00
0.60	0.04	13	186.00	0.00
0.70	0.07	32	186.01	0.00
0.80	0.09	60	186.01	0.00
0.90	0.16	104	186.02	0.00
1.00	0.40	197	186.03	0.00
1.10	0.89	432	186.08	0.00
1.20	0.92	777	186.14	0.00
1.30	0.55	1,041	186.18	0.00
1.40	0.31	1,194	186.21	0.00
1.50	0.23	1,289	186.22	0.00
1.60	0.20	1,365	186.24	0.00
1.70	0.17	1,430	186.25	0.00
1.80	0.16	1,489	186.26	0.00
1.90	0.10	1,538	186.26	0.00
2.00	0.07	1,567	186.27	0.00
2.10	0.04	1,587	186.27	0.00
2.20	0.01	1,597	186.27	0.00
2.30	0.00	1,599	186.27	0.00
2.40	0.00	1,600	186.27	0.00
2.50	0.00	1,600	186.27	0.00
2.60	0.00	1,600	186.27	0.00
2.70	0.00	1,600	186.27	0.00
2.80	0.00	1,600	186.27	0.00
2.90	0.00	1,599	186.27	0.00
3.00	0.00	1,599	186.27	0.00
3.10	0.00	1,599	186.27	0.00
3.20	0.00	1,599	186.27	0.00
3.30	0.00	1,599	186.27	0.00
3.40	0.00	1,599	186.27	0.00
3.50	0.00	1,599	186.27	0.00
3.60	0.00	1,599	186.27	0.00
3.70	0.00	1,599	186.27	0.00
3.80	0.00	1,599	186.27	0.00
3.90	0.00	1,599	186.27	0.00
4.00	0.00	1,599	186.27	0.00
4.10	0.00	1,599	186.27	0.00
4.20	0.00	1,599	186.27	0.00
4.30	0.00	1,599	186.27	0.00
4.40	0.00	1,599	186.27	0.00
4.50	0.00	1,599	186.27	0.00
4.60	0.00	1,599	186.27	0.00
4.70	0.00	1,599	186.27	0.00
4.80	0.00	1,599	186.27	0.00
4.90	0.00	1,599	186.27	0.00
5.00	0.00	1,599	186.27	0.00
5.10	0.00	1,599	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,599	186.27	0.00
5.30	0.00	1,599	186.27	0.00
5.40	0.00	1,599	186.27	0.00
5.50	0.00	1,599	186.27	0.00
5.60	0.00	1,599	186.27	0.00
5.70	0.00	1,598	186.27	0.00
5.80	0.00	1,598	186.27	0.00
5.90	0.00	1,598	186.27	0.00
6.00	0.00	1,598	186.27	0.00
6.10	0.00	1,598	186.27	0.00
6.20	0.00	1,598	186.27	0.00
6.30	0.00	1,598	186.27	0.00
6.40	0.00	1,598	186.27	0.00
6.50	0.00	1,598	186.27	0.00
6.60	0.00	1,598	186.27	0.00
6.70	0.00	1,598	186.27	0.00
6.80	0.00	1,598	186.27	0.00
6.90	0.00	1,598	186.27	0.00
7.00	0.00	1,598	186.27	0.00
7.10	0.00	1,598	186.27	0.00
7.20	0.00	1,598	186.27	0.00
7.30	0.00	1,598	186.27	0.00
7.40	0.00	1,598	186.27	0.00
7.50	0.00	1,598	186.27	0.00
7.60	0.00	1,598	186.27	0.00
7.70	0.00	1,598	186.27	0.00
7.80	0.00	1,598	186.27	0.00
7.90	0.00	1,598	186.27	0.00
8.00	0.00	1,598	186.27	0.00
8.10	0.00	1,598	186.27	0.00
8.20	0.00	1,598	186.27	0.00
8.30	0.00	1,598	186.27	0.00
8.40	0.00	1,598	186.27	0.00
8.50	0.00	1,598	186.27	0.00
8.60	0.00	1,597	186.27	0.00
8.70	0.00	1,597	186.27	0.00
8.80	0.00	1,597	186.27	0.00
8.90	0.00	1,597	186.27	0.00
9.00	0.00	1,597	186.27	0.00
9.10	0.00	1,597	186.27	0.00
9.20	0.00	1,597	186.27	0.00
9.30	0.00	1,597	186.27	0.00
9.40	0.00	1,597	186.27	0.00
9.50	0.00	1,597	186.27	0.00
9.60	0.00	1,597	186.27	0.00
9.70	0.00	1,597	186.27	0.00
9.80	0.00	1,597	186.27	0.00
9.90	0.00	1,597	186.27	0.00
10.00	0.00	1,597	186.27	0.00
10.10	0.00	1,597	186.27	0.00
10.20	0.00	1,597	186.27	0.00
10.30	0.00	1,597	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,597	186.27	0.00
10.50	0.00	1,597	186.27	0.00
10.60	0.00	1,597	186.27	0.00
10.70	0.00	1,597	186.27	0.00
10.80	0.00	1,597	186.27	0.00
10.90	0.00	1,597	186.27	0.00
11.00	0.00	1,597	186.27	0.00
11.10	0.00	1,597	186.27	0.00
11.20	0.00	1,597	186.27	0.00
11.30	0.00	1,597	186.27	0.00
11.40	0.00	1,597	186.27	0.00
11.50	0.00	1,597	186.27	0.00
11.60	0.00	1,596	186.27	0.00
11.70	0.00	1,596	186.27	0.00
11.80	0.00	1,596	186.27	0.00
11.90	0.00	1,596	186.27	0.00
12.00	0.00	1,596	186.27	0.00
12.10	0.00	1,596	186.27	0.00
12.20	0.00	1,596	186.27	0.00
12.30	0.00	1,596	186.27	0.00
12.40	0.00	1,596	186.27	0.00
12.50	0.00	1,596	186.27	0.00
12.60	0.00	1,596	186.27	0.00
12.70	0.00	1,596	186.27	0.00
12.80	0.00	1,596	186.27	0.00
12.90	0.00	1,596	186.27	0.00
13.00	0.00	1,596	186.27	0.00
13.10	0.00	1,596	186.27	0.00
13.20	0.00	1,596	186.27	0.00
13.30	0.00	1,596	186.27	0.00
13.40	0.00	1,596	186.27	0.00
13.50	0.00	1,596	186.27	0.00
13.60	0.00	1,596	186.27	0.00
13.70	0.00	1,596	186.27	0.00
13.80	0.00	1,596	186.27	0.00
13.90	0.00	1,596	186.27	0.00
14.00	0.00	1,596	186.27	0.00
14.10	0.00	1,596	186.27	0.00
14.20	0.00	1,596	186.27	0.00
14.30	0.00	1,596	186.27	0.00
14.40	0.00	1,596	186.27	0.00
14.50	0.00	1,596	186.27	0.00
14.60	0.00	1,596	186.27	0.00
14.70	0.00	1,595	186.27	0.00
14.80	0.00	1,595	186.27	0.00
14.90	0.00	1,595	186.27	0.00
15.00	0.00	1,595	186.27	0.00
15.10	0.00	1,595	186.27	0.00
15.20	0.00	1,595	186.27	0.00
15.30	0.00	1,595	186.27	0.00
15.40	0.00	1,595	186.27	0.00
15.50	0.00	1,595	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,595	186.27	0.00
15.70	0.00	1,595	186.27	0.00
15.80	0.00	1,595	186.27	0.00
15.90	0.00	1,595	186.27	0.00
16.00	0.00	1,595	186.27	0.00
16.10	0.00	1,595	186.27	0.00
16.20	0.00	1,595	186.27	0.00
16.30	0.00	1,595	186.27	0.00
16.40	0.00	1,595	186.27	0.00
16.50	0.00	1,595	186.27	0.00
16.60	0.00	1,595	186.27	0.00
16.70	0.00	1,595	186.27	0.00
16.80	0.00	1,595	186.27	0.00
16.90	0.00	1,595	186.27	0.00
17.00	0.00	1,595	186.27	0.00
17.10	0.00	1,595	186.27	0.00
17.20	0.00	1,595	186.27	0.00
17.30	0.00	1,595	186.27	0.00
17.40	0.00	1,595	186.27	0.00
17.50	0.00	1,595	186.27	0.00
17.60	0.00	1,595	186.27	0.00
17.70	0.00	1,595	186.27	0.00
17.80	0.00	1,595	186.27	0.00
17.90	0.00	1,595	186.27	0.00
18.00	0.00	1,594	186.27	0.00
18.10	0.00	1,594	186.27	0.00
18.20	0.00	1,594	186.27	0.00
18.30	0.00	1,594	186.27	0.00
18.40	0.00	1,594	186.27	0.00
18.50	0.00	1,594	186.27	0.00
18.60	0.00	1,594	186.27	0.00
18.70	0.00	1,594	186.27	0.00
18.80	0.00	1,594	186.27	0.00
18.90	0.00	1,594	186.27	0.00
19.00	0.00	1,594	186.27	0.00
19.10	0.00	1,594	186.27	0.00
19.20	0.00	1,594	186.27	0.00
19.30	0.00	1,594	186.27	0.00
19.40	0.00	1,594	186.27	0.00
19.50	0.00	1,594	186.27	0.00
19.60	0.00	1,594	186.27	0.00
19.70	0.00	1,594	186.27	0.00
19.80	0.00	1,594	186.27	0.00
19.90	0.00	1,594	186.27	0.00
20.00	0.00	1,594	186.27	0.00
20.10	0.00	1,594	186.27	0.00
20.20	0.00	1,594	186.27	0.00
20.30	0.00	1,594	186.27	0.00
20.40	0.00	1,594	186.27	0.00
20.50	0.00	1,594	186.27	0.00
20.60	0.00	1,594	186.27	0.00
20.70	0.00	1,594	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,594	186.27	0.00
20.90	0.00	1,594	186.27	0.00
21.00	0.00	1,594	186.27	0.00
21.10	0.00	1,594	186.27	0.00
21.20	0.00	1,594	186.27	0.00
21.30	0.00	1,594	186.27	0.00
21.40	0.00	1,593	186.27	0.00
21.50	0.00	1,593	186.27	0.00
21.60	0.00	1,593	186.27	0.00
21.70	0.00	1,593	186.27	0.00
21.80	0.00	1,593	186.27	0.00
21.90	0.00	1,593	186.27	0.00
22.00	0.00	1,593	186.27	0.00
22.10	0.00	1,593	186.27	0.00
22.20	0.00	1,593	186.27	0.00
22.30	0.00	1,593	186.27	0.00
22.40	0.00	1,593	186.27	0.00
22.50	0.00	1,593	186.27	0.00
22.60	0.00	1,593	186.27	0.00
22.70	0.00	1,593	186.27	0.00
22.80	0.00	1,593	186.27	0.00
22.90	0.00	1,593	186.27	0.00
23.00	0.00	1,593	186.27	0.00
23.10	0.00	1,593	186.27	0.00
23.20	0.00	1,593	186.27	0.00
23.30	0.00	1,593	186.27	0.00
23.40	0.00	1,593	186.27	0.00
23.50	0.00	1,593	186.27	0.00
23.60	0.00	1,593	186.27	0.00
23.70	0.00	1,593	186.27	0.00
23.80	0.00	1,593	186.27	0.00
23.90	0.00	1,593	186.27	0.00
24.00	0.00	1,593	186.27	0.00
24.10	0.00	1,593	186.27	0.00
24.20	0.00	1,593	186.27	0.00
24.30	0.00	1,593	186.27	0.00
24.40	0.00	1,593	186.27	0.00
24.50	0.00	1,593	186.27	0.00
24.60	0.00	1,593	186.27	0.00
24.70	0.00	1,593	186.27	0.00
24.80	0.00	1,593	186.27	0.00
24.90	0.00	1,592	186.27	0.00
25.00	0.00	1,592	186.27	0.00
25.10	0.00	1,592	186.27	0.00
25.20	0.00	1,592	186.27	0.00
25.30	0.00	1,592	186.27	0.00
25.40	0.00	1,592	186.27	0.00
25.50	0.00	1,592	186.27	0.00
25.60	0.00	1,592	186.27	0.00
25.70	0.00	1,592	186.27	0.00
25.80	0.00	1,592	186.27	0.00
25.90	0.00	1,592	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,592	186.27	0.00
26.10	0.00	1,592	186.27	0.00
26.20	0.00	1,592	186.27	0.00
26.30	0.00	1,592	186.27	0.00
26.40	0.00	1,592	186.27	0.00
26.50	0.00	1,592	186.27	0.00
26.60	0.00	1,592	186.27	0.00
26.70	0.00	1,592	186.27	0.00
26.80	0.00	1,592	186.27	0.00
26.90	0.00	1,592	186.27	0.00
27.00	0.00	1,592	186.27	0.00
27.10	0.00	1,592	186.27	0.00
27.20	0.00	1,592	186.27	0.00
27.30	0.00	1,592	186.27	0.00
27.40	0.00	1,592	186.27	0.00
27.50	0.00	1,592	186.27	0.00
27.60	0.00	1,592	186.27	0.00
27.70	0.00	1,592	186.27	0.00
27.80	0.00	1,592	186.27	0.00
27.90	0.00	1,592	186.27	0.00
28.00	0.00	1,592	186.27	0.00
28.10	0.00	1,592	186.27	0.00
28.20	0.00	1,592	186.27	0.00
28.30	0.00	1,592	186.27	0.00
28.40	0.00	1,592	186.27	0.00
28.50	0.00	1,592	186.27	0.00
28.60	0.00	1,591	186.27	0.00
28.70	0.00	1,591	186.27	0.00
28.80	0.00	1,591	186.27	0.00
28.90	0.00	1,591	186.27	0.00
29.00	0.00	1,591	186.27	0.00
29.10	0.00	1,591	186.27	0.00
29.20	0.00	1,591	186.27	0.00
29.30	0.00	1,591	186.27	0.00
29.40	0.00	1,591	186.27	0.00
29.50	0.00	1,591	186.27	0.00
29.60	0.00	1,591	186.27	0.00
29.70	0.00	1,591	186.27	0.00
29.80	0.00	1,591	186.27	0.00
29.90	0.00	1,591	186.27	0.00
30.00	0.00	1,591	186.27	0.00
30.10	0.00	1,591	186.27	0.00
30.20	0.00	1,591	186.27	0.00
30.30	0.00	1,591	186.27	0.00
30.40	0.00	1,591	186.27	0.00
30.50	0.00	1,591	186.27	0.00
30.60	0.00	1,591	186.27	0.00
30.70	0.00	1,591	186.27	0.00
30.80	0.00	1,591	186.27	0.00
30.90	0.00	1,591	186.27	0.00
31.00	0.00	1,591	186.27	0.00
31.10	0.00	1,591	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,591	186.27	0.00
31.30	0.00	1,591	186.27	0.00
31.40	0.00	1,591	186.27	0.00
31.50	0.00	1,591	186.27	0.00
31.60	0.00	1,591	186.27	0.00
31.70	0.00	1,591	186.27	0.00
31.80	0.00	1,591	186.27	0.00
31.90	0.00	1,591	186.27	0.00
32.00	0.00	1,591	186.27	0.00
32.10	0.00	1,591	186.27	0.00
32.20	0.00	1,591	186.27	0.00
32.30	0.00	1,591	186.27	0.00
32.40	0.00	1,591	186.27	0.00
32.50	0.00	1,590	186.27	0.00
32.60	0.00	1,590	186.27	0.00
32.70	0.00	1,590	186.27	0.00
32.80	0.00	1,590	186.27	0.00
32.90	0.00	1,590	186.27	0.00
33.00	0.00	1,590	186.27	0.00
33.10	0.00	1,590	186.27	0.00
33.20	0.00	1,590	186.27	0.00
33.30	0.00	1,590	186.27	0.00
33.40	0.00	1,590	186.27	0.00
33.50	0.00	1,590	186.27	0.00
33.60	0.00	1,590	186.27	0.00
33.70	0.00	1,590	186.27	0.00
33.80	0.00	1,590	186.27	0.00
33.90	0.00	1,590	186.27	0.00
34.00	0.00	1,590	186.27	0.00
34.10	0.00	1,590	186.27	0.00
34.20	0.00	1,590	186.27	0.00
34.30	0.00	1,590	186.27	0.00
34.40	0.00	1,590	186.27	0.00
34.50	0.00	1,590	186.27	0.00
34.60	0.00	1,590	186.27	0.00
34.70	0.00	1,590	186.27	0.00
34.80	0.00	1,590	186.27	0.00
34.90	0.00	1,590	186.27	0.00
35.00	0.00	1,590	186.27	0.00
35.10	0.00	1,590	186.27	0.00
35.20	0.00	1,590	186.27	0.00
35.30	0.00	1,590	186.27	0.00
35.40	0.00	1,590	186.27	0.00
35.50	0.00	1,590	186.27	0.00
35.60	0.00	1,590	186.27	0.00
35.70	0.00	1,590	186.27	0.00
35.80	0.00	1,590	186.27	0.00
35.90	0.00	1,590	186.27	0.00
36.00	0.00	1,590	186.27	0.00
36.10	0.00	1,590	186.27	0.00
36.20	0.00	1,590	186.27	0.00
36.30	0.00	1,590	186.27	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,590	186.27	0.00
36.50	0.00	1,589	186.27	0.00
36.60	0.00	1,589	186.27	0.00
36.70	0.00	1,589	186.27	0.00
36.80	0.00	1,589	186.27	0.00
36.90	0.00	1,589	186.27	0.00
37.00	0.00	1,589	186.27	0.00
37.10	0.00	1,589	186.27	0.00
37.20	0.00	1,589	186.27	0.00
37.30	0.00	1,589	186.27	0.00
37.40	0.00	1,589	186.27	0.00
37.50	0.00	1,589	186.27	0.00
37.60	0.00	1,589	186.27	0.00
37.70	0.00	1,589	186.27	0.00
37.80	0.00	1,589	186.27	0.00
37.90	0.00	1,589	186.27	0.00
38.00	0.00	1,589	186.27	0.00
38.10	0.00	1,589	186.27	0.00
38.20	0.00	1,589	186.27	0.00
38.30	0.00	1,589	186.27	0.00
38.40	0.00	1,589	186.27	0.00
38.50	0.00	1,589	186.27	0.00
38.60	0.00	1,589	186.27	0.00
38.70	0.00	1,589	186.27	0.00
38.80	0.00	1,589	186.27	0.00
38.90	0.00	1,589	186.27	0.00
39.00	0.00	1,589	186.27	0.00
39.10	0.00	1,589	186.27	0.00
39.20	0.00	1,589	186.27	0.00
39.30	0.00	1,589	186.27	0.00
39.40	0.00	1,589	186.27	0.00
39.50	0.00	1,589	186.27	0.00
39.60	0.00	1,589	186.27	0.00
39.70	0.00	1,589	186.27	0.00
39.80	0.00	1,589	186.27	0.00
39.90	0.00	1,589	186.27	0.00
40.00	0.00	1,589	186.27	0.00

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

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

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

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

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

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

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

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

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

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

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

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

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth = 0.14" for WQ Storm event
 Inflow = 1.76 cfs @ 1.16 hrs, Volume= 0.067 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 176.28' @ 40.00 hrs Surf.Area= 10,675 sf Storage= 2,897 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

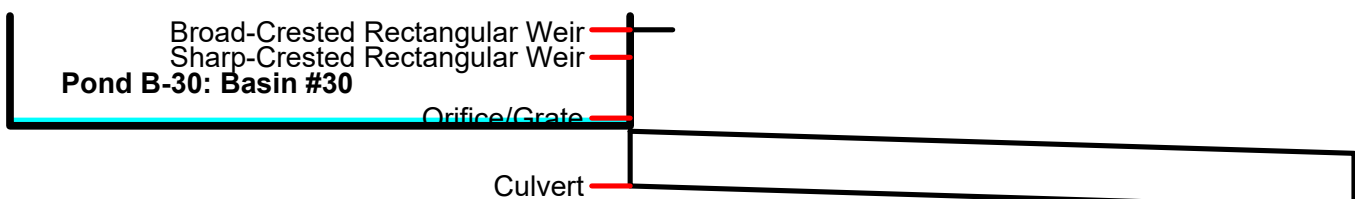
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	53,558 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	10,254	0	0
177.00	11,773	11,014	11,014
178.00	13,346	12,560	23,573
179.00	14,978	14,162	37,735
180.00	16,667	15,823	53,558

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 ' S= 0.0094 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.28'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	179.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

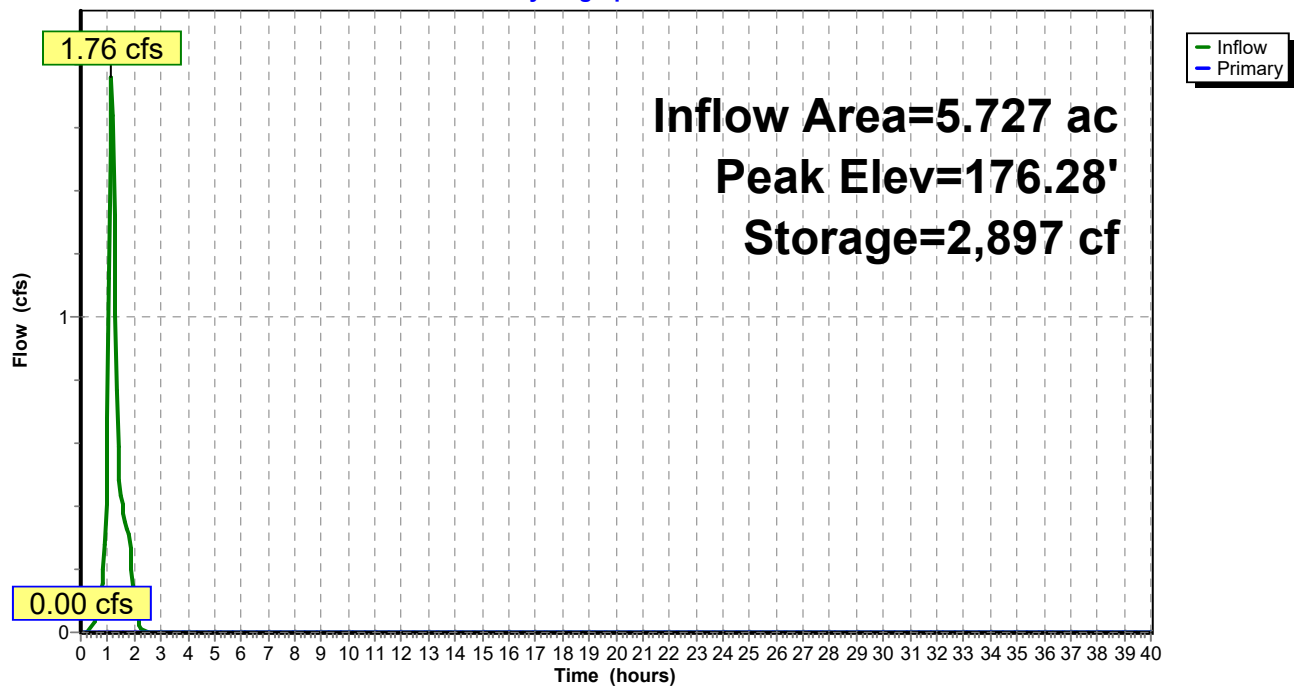
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=176.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 16.57 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	0	176.00	0.00
0.50	0.03	5	176.00	0.00
0.60	0.07	22	176.00	0.00
0.70	0.12	55	176.01	0.00
0.80	0.16	103	176.01	0.00
0.90	0.28	178	176.02	0.00
1.00	0.68	338	176.03	0.00
1.10	1.53	739	176.07	0.00
1.20	1.64	1,341	176.13	0.00
1.30	1.01	1,816	176.17	0.00
1.40	0.59	2,099	176.20	0.00
1.50	0.43	2,278	176.22	0.00
1.60	0.38	2,424	176.23	0.00
1.70	0.33	2,550	176.24	0.00
1.80	0.31	2,665	176.26	0.00
1.90	0.20	2,759	176.26	0.00
2.00	0.13	2,816	176.27	0.00
2.10	0.09	2,855	176.27	0.00
2.20	0.02	2,874	176.27	0.00
2.30	0.01	2,879	176.28	0.00
2.40	0.00	2,881	176.28	0.00
2.50	0.00	2,882	176.28	0.00
2.60	0.00	2,882	176.28	0.00
2.70	0.00	2,883	176.28	0.00
2.80	0.00	2,883	176.28	0.00
2.90	0.00	2,884	176.28	0.00
3.00	0.00	2,884	176.28	0.00
3.10	0.00	2,884	176.28	0.00
3.20	0.00	2,884	176.28	0.00
3.30	0.00	2,885	176.28	0.00
3.40	0.00	2,885	176.28	0.00
3.50	0.00	2,885	176.28	0.00
3.60	0.00	2,885	176.28	0.00
3.70	0.00	2,885	176.28	0.00
3.80	0.00	2,886	176.28	0.00
3.90	0.00	2,886	176.28	0.00
4.00	0.00	2,886	176.28	0.00
4.10	0.00	2,886	176.28	0.00
4.20	0.00	2,886	176.28	0.00
4.30	0.00	2,886	176.28	0.00
4.40	0.00	2,886	176.28	0.00
4.50	0.00	2,886	176.28	0.00
4.60	0.00	2,887	176.28	0.00
4.70	0.00	2,887	176.28	0.00
4.80	0.00	2,887	176.28	0.00
4.90	0.00	2,887	176.28	0.00
5.00	0.00	2,887	176.28	0.00
5.10	0.00	2,887	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	2,887	176.28	0.00
5.30	0.00	2,887	176.28	0.00
5.40	0.00	2,887	176.28	0.00
5.50	0.00	2,887	176.28	0.00
5.60	0.00	2,887	176.28	0.00
5.70	0.00	2,887	176.28	0.00
5.80	0.00	2,887	176.28	0.00
5.90	0.00	2,887	176.28	0.00
6.00	0.00	2,887	176.28	0.00
6.10	0.00	2,887	176.28	0.00
6.20	0.00	2,888	176.28	0.00
6.30	0.00	2,888	176.28	0.00
6.40	0.00	2,888	176.28	0.00
6.50	0.00	2,888	176.28	0.00
6.60	0.00	2,888	176.28	0.00
6.70	0.00	2,888	176.28	0.00
6.80	0.00	2,888	176.28	0.00
6.90	0.00	2,888	176.28	0.00
7.00	0.00	2,888	176.28	0.00
7.10	0.00	2,888	176.28	0.00
7.20	0.00	2,888	176.28	0.00
7.30	0.00	2,888	176.28	0.00
7.40	0.00	2,888	176.28	0.00
7.50	0.00	2,888	176.28	0.00
7.60	0.00	2,888	176.28	0.00
7.70	0.00	2,888	176.28	0.00
7.80	0.00	2,888	176.28	0.00
7.90	0.00	2,888	176.28	0.00
8.00	0.00	2,888	176.28	0.00
8.10	0.00	2,888	176.28	0.00
8.20	0.00	2,888	176.28	0.00
8.30	0.00	2,888	176.28	0.00
8.40	0.00	2,888	176.28	0.00
8.50	0.00	2,888	176.28	0.00
8.60	0.00	2,888	176.28	0.00
8.70	0.00	2,888	176.28	0.00
8.80	0.00	2,888	176.28	0.00
8.90	0.00	2,889	176.28	0.00
9.00	0.00	2,889	176.28	0.00
9.10	0.00	2,889	176.28	0.00
9.20	0.00	2,889	176.28	0.00
9.30	0.00	2,889	176.28	0.00
9.40	0.00	2,889	176.28	0.00
9.50	0.00	2,889	176.28	0.00
9.60	0.00	2,889	176.28	0.00
9.70	0.00	2,889	176.28	0.00
9.80	0.00	2,889	176.28	0.00
9.90	0.00	2,889	176.28	0.00
10.00	0.00	2,889	176.28	0.00
10.10	0.00	2,889	176.28	0.00
10.20	0.00	2,889	176.28	0.00
10.30	0.00	2,889	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	2,889	176.28	0.00
10.50	0.00	2,889	176.28	0.00
10.60	0.00	2,889	176.28	0.00
10.70	0.00	2,889	176.28	0.00
10.80	0.00	2,889	176.28	0.00
10.90	0.00	2,889	176.28	0.00
11.00	0.00	2,889	176.28	0.00
11.10	0.00	2,889	176.28	0.00
11.20	0.00	2,889	176.28	0.00
11.30	0.00	2,889	176.28	0.00
11.40	0.00	2,889	176.28	0.00
11.50	0.00	2,889	176.28	0.00
11.60	0.00	2,889	176.28	0.00
11.70	0.00	2,889	176.28	0.00
11.80	0.00	2,889	176.28	0.00
11.90	0.00	2,890	176.28	0.00
12.00	0.00	2,890	176.28	0.00
12.10	0.00	2,890	176.28	0.00
12.20	0.00	2,890	176.28	0.00
12.30	0.00	2,890	176.28	0.00
12.40	0.00	2,890	176.28	0.00
12.50	0.00	2,890	176.28	0.00
12.60	0.00	2,890	176.28	0.00
12.70	0.00	2,890	176.28	0.00
12.80	0.00	2,890	176.28	0.00
12.90	0.00	2,890	176.28	0.00
13.00	0.00	2,890	176.28	0.00
13.10	0.00	2,890	176.28	0.00
13.20	0.00	2,890	176.28	0.00
13.30	0.00	2,890	176.28	0.00
13.40	0.00	2,890	176.28	0.00
13.50	0.00	2,890	176.28	0.00
13.60	0.00	2,890	176.28	0.00
13.70	0.00	2,890	176.28	0.00
13.80	0.00	2,890	176.28	0.00
13.90	0.00	2,890	176.28	0.00
14.00	0.00	2,890	176.28	0.00
14.10	0.00	2,890	176.28	0.00
14.20	0.00	2,890	176.28	0.00
14.30	0.00	2,890	176.28	0.00
14.40	0.00	2,890	176.28	0.00
14.50	0.00	2,890	176.28	0.00
14.60	0.00	2,890	176.28	0.00
14.70	0.00	2,890	176.28	0.00
14.80	0.00	2,890	176.28	0.00
14.90	0.00	2,890	176.28	0.00
15.00	0.00	2,891	176.28	0.00
15.10	0.00	2,891	176.28	0.00
15.20	0.00	2,891	176.28	0.00
15.30	0.00	2,891	176.28	0.00
15.40	0.00	2,891	176.28	0.00
15.50	0.00	2,891	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	2,891	176.28	0.00
15.70	0.00	2,891	176.28	0.00
15.80	0.00	2,891	176.28	0.00
15.90	0.00	2,891	176.28	0.00
16.00	0.00	2,891	176.28	0.00
16.10	0.00	2,891	176.28	0.00
16.20	0.00	2,891	176.28	0.00
16.30	0.00	2,891	176.28	0.00
16.40	0.00	2,891	176.28	0.00
16.50	0.00	2,891	176.28	0.00
16.60	0.00	2,891	176.28	0.00
16.70	0.00	2,891	176.28	0.00
16.80	0.00	2,891	176.28	0.00
16.90	0.00	2,891	176.28	0.00
17.00	0.00	2,891	176.28	0.00
17.10	0.00	2,891	176.28	0.00
17.20	0.00	2,891	176.28	0.00
17.30	0.00	2,891	176.28	0.00
17.40	0.00	2,891	176.28	0.00
17.50	0.00	2,891	176.28	0.00
17.60	0.00	2,891	176.28	0.00
17.70	0.00	2,891	176.28	0.00
17.80	0.00	2,891	176.28	0.00
17.90	0.00	2,891	176.28	0.00
18.00	0.00	2,891	176.28	0.00
18.10	0.00	2,891	176.28	0.00
18.20	0.00	2,891	176.28	0.00
18.30	0.00	2,892	176.28	0.00
18.40	0.00	2,892	176.28	0.00
18.50	0.00	2,892	176.28	0.00
18.60	0.00	2,892	176.28	0.00
18.70	0.00	2,892	176.28	0.00
18.80	0.00	2,892	176.28	0.00
18.90	0.00	2,892	176.28	0.00
19.00	0.00	2,892	176.28	0.00
19.10	0.00	2,892	176.28	0.00
19.20	0.00	2,892	176.28	0.00
19.30	0.00	2,892	176.28	0.00
19.40	0.00	2,892	176.28	0.00
19.50	0.00	2,892	176.28	0.00
19.60	0.00	2,892	176.28	0.00
19.70	0.00	2,892	176.28	0.00
19.80	0.00	2,892	176.28	0.00
19.90	0.00	2,892	176.28	0.00
20.00	0.00	2,892	176.28	0.00
20.10	0.00	2,892	176.28	0.00
20.20	0.00	2,892	176.28	0.00
20.30	0.00	2,892	176.28	0.00
20.40	0.00	2,892	176.28	0.00
20.50	0.00	2,892	176.28	0.00
20.60	0.00	2,892	176.28	0.00
20.70	0.00	2,892	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	2,892	176.28	0.00
20.90	0.00	2,892	176.28	0.00
21.00	0.00	2,892	176.28	0.00
21.10	0.00	2,892	176.28	0.00
21.20	0.00	2,892	176.28	0.00
21.30	0.00	2,892	176.28	0.00
21.40	0.00	2,892	176.28	0.00
21.50	0.00	2,892	176.28	0.00
21.60	0.00	2,892	176.28	0.00
21.70	0.00	2,893	176.28	0.00
21.80	0.00	2,893	176.28	0.00
21.90	0.00	2,893	176.28	0.00
22.00	0.00	2,893	176.28	0.00
22.10	0.00	2,893	176.28	0.00
22.20	0.00	2,893	176.28	0.00
22.30	0.00	2,893	176.28	0.00
22.40	0.00	2,893	176.28	0.00
22.50	0.00	2,893	176.28	0.00
22.60	0.00	2,893	176.28	0.00
22.70	0.00	2,893	176.28	0.00
22.80	0.00	2,893	176.28	0.00
22.90	0.00	2,893	176.28	0.00
23.00	0.00	2,893	176.28	0.00
23.10	0.00	2,893	176.28	0.00
23.20	0.00	2,893	176.28	0.00
23.30	0.00	2,893	176.28	0.00
23.40	0.00	2,893	176.28	0.00
23.50	0.00	2,893	176.28	0.00
23.60	0.00	2,893	176.28	0.00
23.70	0.00	2,893	176.28	0.00
23.80	0.00	2,893	176.28	0.00
23.90	0.00	2,893	176.28	0.00
24.00	0.00	2,893	176.28	0.00
24.10	0.00	2,893	176.28	0.00
24.20	0.00	2,893	176.28	0.00
24.30	0.00	2,893	176.28	0.00
24.40	0.00	2,893	176.28	0.00
24.50	0.00	2,893	176.28	0.00
24.60	0.00	2,893	176.28	0.00
24.70	0.00	2,893	176.28	0.00
24.80	0.00	2,893	176.28	0.00
24.90	0.00	2,893	176.28	0.00
25.00	0.00	2,893	176.28	0.00
25.10	0.00	2,893	176.28	0.00
25.20	0.00	2,894	176.28	0.00
25.30	0.00	2,894	176.28	0.00
25.40	0.00	2,894	176.28	0.00
25.50	0.00	2,894	176.28	0.00
25.60	0.00	2,894	176.28	0.00
25.70	0.00	2,894	176.28	0.00
25.80	0.00	2,894	176.28	0.00
25.90	0.00	2,894	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,894	176.28	0.00
26.10	0.00	2,894	176.28	0.00
26.20	0.00	2,894	176.28	0.00
26.30	0.00	2,894	176.28	0.00
26.40	0.00	2,894	176.28	0.00
26.50	0.00	2,894	176.28	0.00
26.60	0.00	2,894	176.28	0.00
26.70	0.00	2,894	176.28	0.00
26.80	0.00	2,894	176.28	0.00
26.90	0.00	2,894	176.28	0.00
27.00	0.00	2,894	176.28	0.00
27.10	0.00	2,894	176.28	0.00
27.20	0.00	2,894	176.28	0.00
27.30	0.00	2,894	176.28	0.00
27.40	0.00	2,894	176.28	0.00
27.50	0.00	2,894	176.28	0.00
27.60	0.00	2,894	176.28	0.00
27.70	0.00	2,894	176.28	0.00
27.80	0.00	2,894	176.28	0.00
27.90	0.00	2,894	176.28	0.00
28.00	0.00	2,894	176.28	0.00
28.10	0.00	2,894	176.28	0.00
28.20	0.00	2,894	176.28	0.00
28.30	0.00	2,894	176.28	0.00
28.40	0.00	2,894	176.28	0.00
28.50	0.00	2,894	176.28	0.00
28.60	0.00	2,894	176.28	0.00
28.70	0.00	2,894	176.28	0.00
28.80	0.00	2,894	176.28	0.00
28.90	0.00	2,894	176.28	0.00
29.00	0.00	2,895	176.28	0.00
29.10	0.00	2,895	176.28	0.00
29.20	0.00	2,895	176.28	0.00
29.30	0.00	2,895	176.28	0.00
29.40	0.00	2,895	176.28	0.00
29.50	0.00	2,895	176.28	0.00
29.60	0.00	2,895	176.28	0.00
29.70	0.00	2,895	176.28	0.00
29.80	0.00	2,895	176.28	0.00
29.90	0.00	2,895	176.28	0.00
30.00	0.00	2,895	176.28	0.00
30.10	0.00	2,895	176.28	0.00
30.20	0.00	2,895	176.28	0.00
30.30	0.00	2,895	176.28	0.00
30.40	0.00	2,895	176.28	0.00
30.50	0.00	2,895	176.28	0.00
30.60	0.00	2,895	176.28	0.00
30.70	0.00	2,895	176.28	0.00
30.80	0.00	2,895	176.28	0.00
30.90	0.00	2,895	176.28	0.00
31.00	0.00	2,895	176.28	0.00
31.10	0.00	2,895	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,895	176.28	0.00
31.30	0.00	2,895	176.28	0.00
31.40	0.00	2,895	176.28	0.00
31.50	0.00	2,895	176.28	0.00
31.60	0.00	2,895	176.28	0.00
31.70	0.00	2,895	176.28	0.00
31.80	0.00	2,895	176.28	0.00
31.90	0.00	2,895	176.28	0.00
32.00	0.00	2,895	176.28	0.00
32.10	0.00	2,895	176.28	0.00
32.20	0.00	2,895	176.28	0.00
32.30	0.00	2,895	176.28	0.00
32.40	0.00	2,895	176.28	0.00
32.50	0.00	2,895	176.28	0.00
32.60	0.00	2,895	176.28	0.00
32.70	0.00	2,895	176.28	0.00
32.80	0.00	2,896	176.28	0.00
32.90	0.00	2,896	176.28	0.00
33.00	0.00	2,896	176.28	0.00
33.10	0.00	2,896	176.28	0.00
33.20	0.00	2,896	176.28	0.00
33.30	0.00	2,896	176.28	0.00
33.40	0.00	2,896	176.28	0.00
33.50	0.00	2,896	176.28	0.00
33.60	0.00	2,896	176.28	0.00
33.70	0.00	2,896	176.28	0.00
33.80	0.00	2,896	176.28	0.00
33.90	0.00	2,896	176.28	0.00
34.00	0.00	2,896	176.28	0.00
34.10	0.00	2,896	176.28	0.00
34.20	0.00	2,896	176.28	0.00
34.30	0.00	2,896	176.28	0.00
34.40	0.00	2,896	176.28	0.00
34.50	0.00	2,896	176.28	0.00
34.60	0.00	2,896	176.28	0.00
34.70	0.00	2,896	176.28	0.00
34.80	0.00	2,896	176.28	0.00
34.90	0.00	2,896	176.28	0.00
35.00	0.00	2,896	176.28	0.00
35.10	0.00	2,896	176.28	0.00
35.20	0.00	2,896	176.28	0.00
35.30	0.00	2,896	176.28	0.00
35.40	0.00	2,896	176.28	0.00
35.50	0.00	2,896	176.28	0.00
35.60	0.00	2,896	176.28	0.00
35.70	0.00	2,896	176.28	0.00
35.80	0.00	2,896	176.28	0.00
35.90	0.00	2,896	176.28	0.00
36.00	0.00	2,896	176.28	0.00
36.10	0.00	2,896	176.28	0.00
36.20	0.00	2,896	176.28	0.00
36.30	0.00	2,896	176.28	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,896	176.28	0.00
36.50	0.00	2,896	176.28	0.00
36.60	0.00	2,896	176.28	0.00
36.70	0.00	2,896	176.28	0.00
36.80	0.00	2,896	176.28	0.00
36.90	0.00	2,897	176.28	0.00
37.00	0.00	2,897	176.28	0.00
37.10	0.00	2,897	176.28	0.00
37.20	0.00	2,897	176.28	0.00
37.30	0.00	2,897	176.28	0.00
37.40	0.00	2,897	176.28	0.00
37.50	0.00	2,897	176.28	0.00
37.60	0.00	2,897	176.28	0.00
37.70	0.00	2,897	176.28	0.00
37.80	0.00	2,897	176.28	0.00
37.90	0.00	2,897	176.28	0.00
38.00	0.00	2,897	176.28	0.00
38.10	0.00	2,897	176.28	0.00
38.20	0.00	2,897	176.28	0.00
38.30	0.00	2,897	176.28	0.00
38.40	0.00	2,897	176.28	0.00
38.50	0.00	2,897	176.28	0.00
38.60	0.00	2,897	176.28	0.00
38.70	0.00	2,897	176.28	0.00
38.80	0.00	2,897	176.28	0.00
38.90	0.00	2,897	176.28	0.00
39.00	0.00	2,897	176.28	0.00
39.10	0.00	2,897	176.28	0.00
39.20	0.00	2,897	176.28	0.00
39.30	0.00	2,897	176.28	0.00
39.40	0.00	2,897	176.28	0.00
39.50	0.00	2,897	176.28	0.00
39.60	0.00	2,897	176.28	0.00
39.70	0.00	2,897	176.28	0.00
39.80	0.00	2,897	176.28	0.00
39.90	0.00	2,897	176.28	0.00
40.00	0.00	2,897	176.28	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.75	177.04	3.40	177.56	4.87
176.01	0.00	176.53	0.80	177.05	3.44	177.57	4.90
176.02	0.00	176.54	0.85	177.06	3.47	177.58	4.92
176.03	0.00	176.55	0.90	177.07	3.51	177.59	4.95
176.04	0.00	176.56	0.95	177.08	3.54	177.60	4.97
176.05	0.00	176.57	1.00	177.09	3.57	177.61	4.99
176.06	0.00	176.58	1.05	177.10	3.60	177.62	5.02
176.07	0.00	176.59	1.11	177.11	3.64	177.63	5.04
176.08	0.00	176.60	1.16	177.12	3.67	177.64	5.06
176.09	0.00	176.61	1.22	177.13	3.70	177.65	5.09
176.10	0.00	176.62	1.27	177.14	3.73	177.66	5.11
176.11	0.00	176.63	1.33	177.15	3.76	177.67	5.13
176.12	0.00	176.64	1.39	177.16	3.80	177.68	5.15
176.13	0.00	176.65	1.44	177.17	3.83	177.69	5.18
176.14	0.00	176.66	1.50	177.18	3.86	177.70	5.20
176.15	0.00	176.67	1.56	177.19	3.89	177.71	5.22
176.16	0.00	176.68	1.62	177.20	3.92	177.72	5.24
176.17	0.00	176.69	1.69	177.21	3.95	177.73	5.26
176.18	0.00	176.70	1.75	177.22	3.98	177.74	5.29
176.19	0.00	176.71	1.81	177.23	4.01	177.75	5.31
176.20	0.00	176.72	1.87	177.24	4.04	177.76	5.33
176.21	0.00	176.73	1.94	177.25	4.06	177.77	5.35
176.22	0.00	176.74	2.00	177.26	4.09	177.78	5.37
176.23	0.00	176.75	2.07	177.27	4.12	177.79	5.40
176.24	0.00	176.76	2.13	177.28	4.15	177.80	5.42
176.25	0.00	176.77	2.20	177.29	4.18	177.81	5.44
176.26	0.00	176.78	2.27	177.30	4.21	177.82	5.46
176.27	0.00	176.79	2.33	177.31	4.23	177.83	5.48
176.28	0.00	176.80	2.39	177.32	4.26	177.84	5.50
176.29	0.01	176.81	2.44	177.33	4.29	177.85	5.52
176.30	0.02	176.82	2.50	177.34	4.32	177.86	5.54
176.31	0.03	176.83	2.55	177.35	4.34	177.87	5.57
176.32	0.05	176.84	2.60	177.36	4.37	177.88	5.59
176.33	0.07	176.85	2.64	177.37	4.40	177.89	5.61
176.34	0.09	176.86	2.69	177.38	4.42	177.90	5.63
176.35	0.12	176.87	2.74	177.39	4.45	177.91	5.65
176.36	0.15	176.88	2.78	177.40	4.48	177.92	5.67
176.37	0.17	176.89	2.82	177.41	4.50	177.93	5.69
176.38	0.20	176.90	2.87	177.42	4.53	177.94	5.71
176.39	0.23	176.91	2.91	177.43	4.55	177.95	5.73
176.40	0.27	176.92	2.95	177.44	4.58	177.96	5.75
176.41	0.30	176.93	2.99	177.45	4.60	177.97	5.77
176.42	0.34	176.94	3.03	177.46	4.63	177.98	5.79
176.43	0.37	176.95	3.07	177.47	4.65	177.99	5.81
176.44	0.41	176.96	3.11	177.48	4.68	178.00	5.83
176.45	0.45	176.97	3.15	177.49	4.70	178.01	5.85
176.46	0.49	176.98	3.19	177.50	4.73	178.02	5.87
176.47	0.53	176.99	3.22	177.51	4.75	178.03	5.89
176.48	0.57	177.00	3.26	177.52	4.78	178.04	5.91
176.49	0.62	177.01	3.30	177.53	4.80	178.05	5.93
176.50	0.66	177.02	3.33	177.54	4.83	178.06	5.95
176.51	0.71	177.03	3.37	177.55	4.85	178.07	5.97

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	5.99	178.60	7.33	179.12	13.93	179.64	29.67
178.09	6.01	178.61	7.41	179.13	14.10	179.65	30.55
178.10	6.03	178.62	7.50	179.14	14.26	179.66	31.46
178.11	6.05	178.63	7.58	179.15	14.42	179.67	32.38
178.12	6.07	178.64	7.67	179.16	14.59	179.68	33.33
178.13	6.08	178.65	7.76	179.17	14.75	179.69	34.30
178.14	6.10	178.66	7.85	179.18	14.92	179.70	35.30
178.15	6.12	178.67	7.95	179.19	15.09	179.71	36.35
178.16	6.14	178.68	8.05	179.20	15.26	179.72	37.43
178.17	6.16	178.69	8.15	179.21	15.43	179.73	38.54
178.18	6.18	178.70	8.25	179.22	15.60	179.74	39.67
178.19	6.20	178.71	8.35	179.23	15.77	179.75	40.83
178.20	6.22	178.72	8.46	179.24	15.94	179.76	42.01
178.21	6.24	178.73	8.56	179.25	16.12	179.77	43.22
178.22	6.25	178.74	8.67	179.26	16.29	179.78	44.46
178.23	6.27	178.75	8.78	179.27	16.46	179.79	45.72
178.24	6.29	178.76	8.90	179.28	16.64	179.80	47.00
178.25	6.31	178.77	9.01	179.29	16.82	179.81	48.31
178.26	6.33	178.78	9.13	179.30	17.00	179.82	49.65
178.27	6.35	178.79	9.25	179.31	17.17	179.83	51.01
178.28	6.36	178.80	9.37	179.32	17.35	179.84	52.39
178.29	6.38	178.81	9.49	179.33	17.53	179.85	53.80
178.30	6.40	178.82	9.61	179.34	17.72	179.86	55.23
178.31	6.42	178.83	9.74	179.35	17.90	179.87	56.69
178.32	6.44	178.84	9.86	179.36	18.08	179.88	58.18
178.33	6.45	178.85	9.99	179.37	18.26	179.89	59.68
178.34	6.47	178.86	10.12	179.38	18.45	179.90	61.22
178.35	6.49	178.87	10.25	179.39	18.63	179.91	62.80
178.36	6.51	178.88	10.38	179.40	18.82	179.92	64.41
178.37	6.53	178.89	10.52	179.41	19.01	179.93	66.05
178.38	6.54	178.90	10.65	179.42	19.19	179.94	67.71
178.39	6.56	178.91	10.79	179.43	19.38	179.95	69.40
178.40	6.58	178.92	10.93	179.44	19.57	179.96	71.12
178.41	6.60	178.93	11.06	179.45	19.76	179.97	72.87
178.42	6.61	178.94	11.21	179.46	19.95	179.98	74.64
178.43	6.63	178.95	11.35	179.47	20.14	179.99	76.43
178.44	6.65	178.96	11.49	179.48	20.34	180.00	78.26
178.45	6.67	178.97	11.63	179.49	20.53		
178.46	6.68	178.98	11.78	179.50	20.72		
178.47	6.70	178.99	11.93	179.51	21.03		
178.48	6.72	179.00	12.07	179.52	21.44		
178.49	6.74	179.01	12.22	179.53	21.92		
178.50	6.75	179.02	12.37	179.54	22.44		
178.51	6.78	179.03	12.52	179.55	23.01		
178.52	6.82	179.04	12.68	179.56	23.62		
178.53	6.87	179.05	12.83	179.57	24.27		
178.54	6.93	179.06	12.98	179.58	24.95		
178.55	6.98	179.07	13.14	179.59	25.67		
178.56	7.05	179.08	13.30	179.60	26.41		
178.57	7.11	179.09	13.45	179.61	27.19		
178.58	7.18	179.10	13.61	179.62	27.99		
178.59	7.26	179.11	13.77	179.63	28.82		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	10,254	0	176.52	11,044	5,537
176.01	10,269	103	176.53	11,059	5,648
176.02	10,284	205	176.54	11,074	5,759
176.03	10,300	308	176.55	11,089	5,869
176.04	10,315	411	176.56	11,105	5,980
176.05	10,330	515	176.57	11,120	6,092
176.06	10,345	618	176.58	11,135	6,203
176.07	10,360	722	176.59	11,150	6,314
176.08	10,376	825	176.60	11,165	6,426
176.09	10,391	929	176.61	11,181	6,538
176.10	10,406	1,033	176.62	11,196	6,649
176.11	10,421	1,137	176.63	11,211	6,761
176.12	10,436	1,241	176.64	11,226	6,874
176.13	10,451	1,346	176.65	11,241	6,986
176.14	10,467	1,450	176.66	11,257	7,098
176.15	10,482	1,555	176.67	11,272	7,211
176.16	10,497	1,660	176.68	11,287	7,324
176.17	10,512	1,765	176.69	11,302	7,437
176.18	10,527	1,870	176.70	11,317	7,550
176.19	10,543	1,976	176.71	11,332	7,663
176.20	10,558	2,081	176.72	11,348	7,777
176.21	10,573	2,187	176.73	11,363	7,890
176.22	10,588	2,293	176.74	11,378	8,004
176.23	10,603	2,399	176.75	11,393	8,118
176.24	10,619	2,505	176.76	11,408	8,232
176.25	10,634	2,611	176.77	11,424	8,346
176.26	10,649	2,717	176.78	11,439	8,460
176.27	10,664	2,824	176.79	11,454	8,575
176.28	10,679	2,931	176.80	11,469	8,689
176.29	10,695	3,038	176.81	11,484	8,804
176.30	10,710	3,145	176.82	11,500	8,919
176.31	10,725	3,252	176.83	11,515	9,034
176.32	10,740	3,359	176.84	11,530	9,149
176.33	10,755	3,467	176.85	11,545	9,265
176.34	10,770	3,574	176.86	11,560	9,380
176.35	10,786	3,682	176.87	11,576	9,496
176.36	10,801	3,790	176.88	11,591	9,612
176.37	10,816	3,898	176.89	11,606	9,728
176.38	10,831	4,006	176.90	11,621	9,844
176.39	10,846	4,115	176.91	11,636	9,960
176.40	10,862	4,223	176.92	11,651	10,077
176.41	10,877	4,332	176.93	11,667	10,193
176.42	10,892	4,441	176.94	11,682	10,310
176.43	10,907	4,550	176.95	11,697	10,427
176.44	10,922	4,659	176.96	11,712	10,544
176.45	10,938	4,768	176.97	11,727	10,661
176.46	10,953	4,878	176.98	11,743	10,778
176.47	10,968	4,987	176.99	11,758	10,896
176.48	10,983	5,097	177.00	11,773	11,014
176.49	10,998	5,207	177.01	11,789	11,131
176.50	11,014	5,317	177.02	11,804	11,249
176.51	11,029	5,427	177.03	11,820	11,367

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	11,836	11,486	177.56	12,654	17,853
177.05	11,852	11,604	177.57	12,670	17,980
177.06	11,867	11,723	177.58	12,685	18,106
177.07	11,883	11,841	177.59	12,701	18,233
177.08	11,899	11,960	177.60	12,717	18,360
177.09	11,915	12,079	177.61	12,733	18,488
177.10	11,930	12,199	177.62	12,748	18,615
177.11	11,946	12,318	177.63	12,764	18,743
177.12	11,962	12,438	177.64	12,780	18,870
177.13	11,977	12,557	177.65	12,795	18,998
177.14	11,993	12,677	177.66	12,811	19,126
177.15	12,009	12,797	177.67	12,827	19,254
177.16	12,025	12,917	177.68	12,843	19,383
177.17	12,040	13,038	177.69	12,858	19,511
177.18	12,056	13,158	177.70	12,874	19,640
177.19	12,072	13,279	177.71	12,890	19,769
177.20	12,088	13,400	177.72	12,906	19,898
177.21	12,103	13,521	177.73	12,921	20,027
177.22	12,119	13,642	177.74	12,937	20,156
177.23	12,135	13,763	177.75	12,953	20,286
177.24	12,151	13,884	177.76	12,968	20,415
177.25	12,166	14,006	177.77	12,984	20,545
177.26	12,182	14,128	177.78	13,000	20,675
177.27	12,198	14,250	177.79	13,016	20,805
177.28	12,213	14,372	177.80	13,031	20,935
177.29	12,229	14,494	177.81	13,047	21,066
177.30	12,245	14,616	177.82	13,063	21,196
177.31	12,261	14,739	177.83	13,079	21,327
177.32	12,276	14,861	177.84	13,094	21,458
177.33	12,292	14,984	177.85	13,110	21,589
177.34	12,308	15,107	177.86	13,126	21,720
177.35	12,324	15,230	177.87	13,142	21,851
177.36	12,339	15,354	177.88	13,157	21,983
177.37	12,355	15,477	177.89	13,173	22,114
177.38	12,371	15,601	177.90	13,189	22,246
177.39	12,386	15,725	177.91	13,204	22,378
177.40	12,402	15,849	177.92	13,220	22,510
177.41	12,418	15,973	177.93	13,236	22,643
177.42	12,434	16,097	177.94	13,252	22,775
177.43	12,449	16,221	177.95	13,267	22,908
177.44	12,465	16,346	177.96	13,283	23,040
177.45	12,481	16,471	177.97	13,299	23,173
177.46	12,497	16,596	177.98	13,315	23,306
177.47	12,512	16,721	177.99	13,330	23,440
177.48	12,528	16,846	178.00	13,346	23,573
177.49	12,544	16,971	178.01	13,362	23,707
177.50	12,560	17,097	178.02	13,379	23,840
177.51	12,575	17,222	178.03	13,395	23,974
177.52	12,591	17,348	178.04	13,411	24,108
177.53	12,607	17,474	178.05	13,428	24,242
177.54	12,622	17,600	178.06	13,444	24,377
177.55	12,638	17,727	178.07	13,460	24,511

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	13,477	24,646	178.60	14,325	31,874
178.09	13,493	24,781	178.61	14,342	32,018
178.10	13,509	24,916	178.62	14,358	32,161
178.11	13,526	25,051	178.63	14,374	32,305
178.12	13,542	25,186	178.64	14,390	32,449
178.13	13,558	25,322	178.65	14,407	32,593
178.14	13,574	25,457	178.66	14,423	32,737
178.15	13,591	25,593	178.67	14,439	32,881
178.16	13,607	25,729	178.68	14,456	33,026
178.17	13,623	25,865	178.69	14,472	33,170
178.18	13,640	26,002	178.70	14,488	33,315
178.19	13,656	26,138	178.71	14,505	33,460
178.20	13,672	26,275	178.72	14,521	33,605
178.21	13,689	26,412	178.73	14,537	33,750
178.22	13,705	26,549	178.74	14,554	33,896
178.23	13,721	26,686	178.75	14,570	34,042
178.24	13,738	26,823	178.76	14,586	34,187
178.25	13,754	26,961	178.77	14,603	34,333
178.26	13,770	27,098	178.78	14,619	34,479
178.27	13,787	27,236	178.79	14,635	34,626
178.28	13,803	27,374	178.80	14,652	34,772
178.29	13,819	27,512	178.81	14,668	34,919
178.30	13,836	27,650	178.82	14,684	35,065
178.31	13,852	27,789	178.83	14,701	35,212
178.32	13,868	27,927	178.84	14,717	35,359
178.33	13,885	28,066	178.85	14,733	35,507
178.34	13,901	28,205	178.86	14,750	35,654
178.35	13,917	28,344	178.87	14,766	35,802
178.36	13,934	28,483	178.88	14,782	35,949
178.37	13,950	28,623	178.89	14,798	36,097
178.38	13,966	28,762	178.90	14,815	36,245
178.39	13,982	28,902	178.91	14,831	36,394
178.40	13,999	29,042	178.92	14,847	36,542
178.41	14,015	29,182	178.93	14,864	36,691
178.42	14,031	29,322	178.94	14,880	36,839
178.43	14,048	29,463	178.95	14,896	36,988
178.44	14,064	29,603	178.96	14,913	37,137
178.45	14,080	29,744	178.97	14,929	37,286
178.46	14,097	29,885	178.98	14,945	37,436
178.47	14,113	30,026	178.99	14,962	37,585
178.48	14,129	30,167	179.00	14,978	37,735
178.49	14,146	30,308	179.01	14,995	37,885
178.50	14,162	30,450	179.02	15,012	38,035
178.51	14,178	30,592	179.03	15,029	38,185
178.52	14,195	30,734	179.04	15,046	38,335
178.53	14,211	30,876	179.05	15,062	38,486
178.54	14,227	31,018	179.06	15,079	38,637
178.55	14,244	31,160	179.07	15,096	38,788
178.56	14,260	31,303	179.08	15,113	38,939
178.57	14,276	31,445	179.09	15,130	39,090
178.58	14,293	31,588	179.10	15,147	39,241
178.59	14,309	31,731	179.11	15,164	39,393

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	15,181	39,545	179.64	16,059	47,667
179.13	15,198	39,696	179.65	16,076	47,828
179.14	15,214	39,848	179.66	16,093	47,988
179.15	15,231	40,001	179.67	16,110	48,149
179.16	15,248	40,153	179.68	16,127	48,311
179.17	15,265	40,306	179.69	16,143	48,472
179.18	15,282	40,458	179.70	16,160	48,633
179.19	15,299	40,611	179.71	16,177	48,795
179.20	15,316	40,764	179.72	16,194	48,957
179.21	15,333	40,918	179.73	16,211	49,119
179.22	15,350	41,071	179.74	16,228	49,281
179.23	15,366	41,225	179.75	16,245	49,444
179.24	15,383	41,378	179.76	16,262	49,606
179.25	15,400	41,532	179.77	16,279	49,769
179.26	15,417	41,686	179.78	16,295	49,932
179.27	15,434	41,841	179.79	16,312	50,095
179.28	15,451	41,995	179.80	16,329	50,258
179.29	15,468	42,150	179.81	16,346	50,421
179.30	15,485	42,304	179.82	16,363	50,585
179.31	15,502	42,459	179.83	16,380	50,749
179.32	15,518	42,614	179.84	16,397	50,912
179.33	15,535	42,770	179.85	16,414	51,076
179.34	15,552	42,925	179.86	16,431	51,241
179.35	15,569	43,081	179.87	16,447	51,405
179.36	15,586	43,237	179.88	16,464	51,570
179.37	15,603	43,392	179.89	16,481	51,734
179.38	15,620	43,549	179.90	16,498	51,899
179.39	15,637	43,705	179.91	16,515	52,064
179.40	15,654	43,861	179.92	16,532	52,230
179.41	15,670	44,018	179.93	16,549	52,395
179.42	15,687	44,175	179.94	16,566	52,561
179.43	15,704	44,332	179.95	16,583	52,726
179.44	15,721	44,489	179.96	16,599	52,892
179.45	15,738	44,646	179.97	16,616	53,058
179.46	15,755	44,804	179.98	16,633	53,224
179.47	15,772	44,961	179.99	16,650	53,391
179.48	15,789	45,119	180.00	16,667	53,558
179.49	15,806	45,277			
179.50	15,823	45,435			
179.51	15,839	45,593			
179.52	15,856	45,752			
179.53	15,873	45,911			
179.54	15,890	46,069			
179.55	15,907	46,228			
179.56	15,924	46,388			
179.57	15,941	46,547			
179.58	15,958	46,706			
179.59	15,975	46,866			
179.60	15,991	47,026			
179.61	16,008	47,186			
179.62	16,025	47,346			
179.63	16,042	47,506			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 0.82" for WQ Storm event
 Inflow = 1.86 cfs @ 1.15 hrs, Volume= 0.063 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.19' @ 2.60 hrs Surf.Area= 2,693 sf Storage= 2,748 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

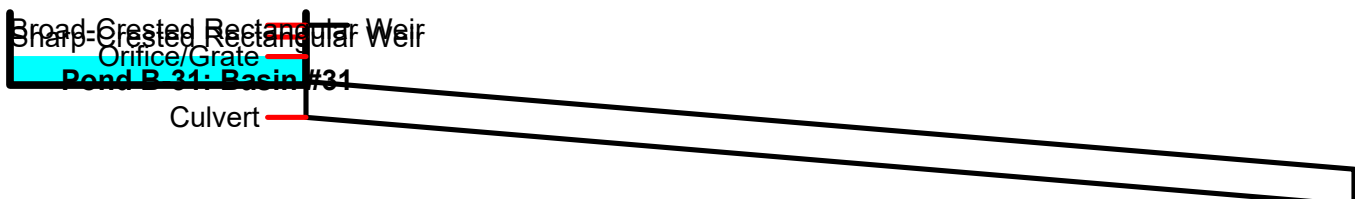
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	8,773 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	1,944	0	0
194.00	2,566	2,255	2,255
195.00	3,245	2,906	5,161
196.00	3,980	3,613	8,773

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.19'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

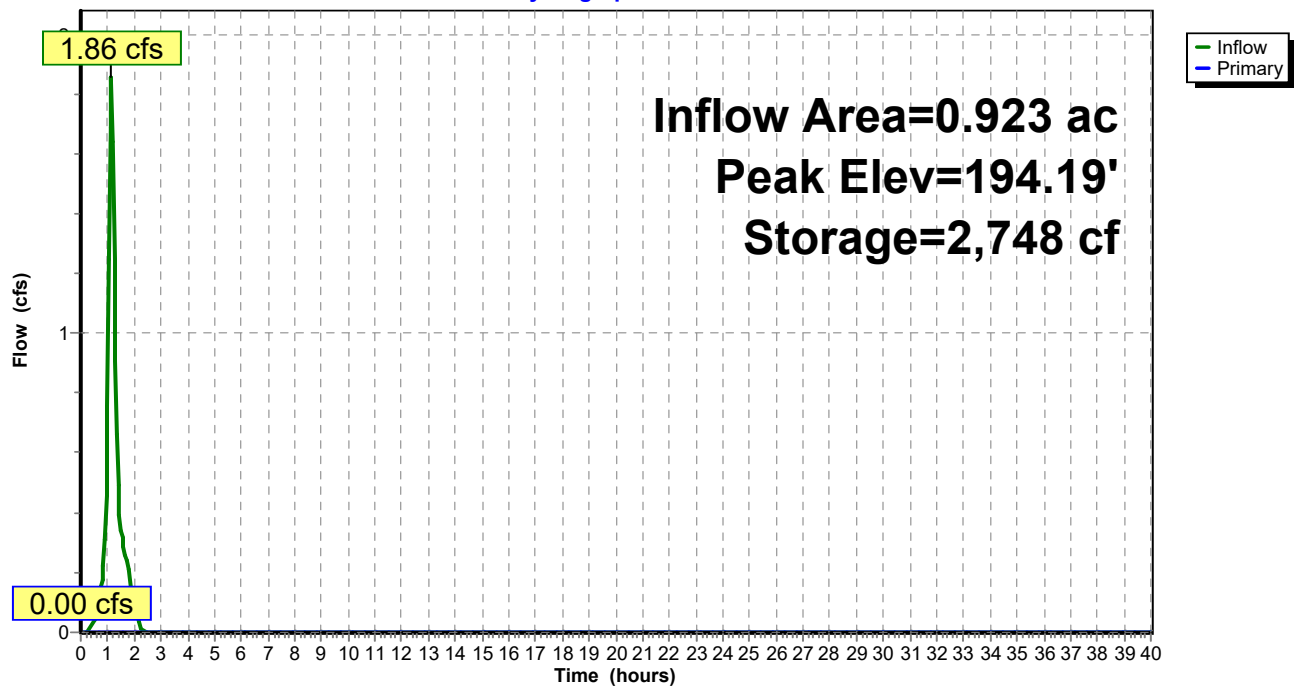
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=193.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 6.63 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-31: Basin #31

Hydrograph



Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	0	193.00	0.00
0.50	0.03	6	193.00	0.00
0.60	0.07	24	193.01	0.00
0.70	0.13	61	193.03	0.00
0.80	0.17	115	193.06	0.00
0.90	0.31	199	193.10	0.00
1.00	0.76	377	193.19	0.00
1.10	1.69	822	193.40	0.00
1.20	1.64	1,456	193.68	0.00
1.30	0.91	1,910	193.86	0.00
1.40	0.49	2,156	193.96	0.00
1.50	0.34	2,301	194.02	0.00
1.60	0.29	2,414	194.06	0.00
1.70	0.24	2,509	194.10	0.00
1.80	0.22	2,593	194.13	0.00
1.90	0.14	2,661	194.15	0.00
2.00	0.09	2,702	194.17	0.00
2.10	0.06	2,730	194.18	0.00
2.20	0.02	2,744	194.19	0.00
2.30	0.00	2,747	194.19	0.00
2.40	0.00	2,748	194.19	0.00
2.50	0.00	2,748	194.19	0.00
2.60	0.00	2,748	194.19	0.00
2.70	0.00	2,748	194.19	0.00
2.80	0.00	2,748	194.19	0.00
2.90	0.00	2,748	194.19	0.00
3.00	0.00	2,748	194.19	0.00
3.10	0.00	2,748	194.19	0.00
3.20	0.00	2,748	194.19	0.00
3.30	0.00	2,748	194.19	0.00
3.40	0.00	2,748	194.19	0.00
3.50	0.00	2,748	194.19	0.00
3.60	0.00	2,748	194.19	0.00
3.70	0.00	2,748	194.19	0.00
3.80	0.00	2,748	194.19	0.00
3.90	0.00	2,748	194.19	0.00
4.00	0.00	2,748	194.19	0.00
4.10	0.00	2,748	194.19	0.00
4.20	0.00	2,748	194.19	0.00
4.30	0.00	2,748	194.19	0.00
4.40	0.00	2,748	194.19	0.00
4.50	0.00	2,748	194.19	0.00
4.60	0.00	2,748	194.19	0.00
4.70	0.00	2,748	194.19	0.00
4.80	0.00	2,748	194.19	0.00
4.90	0.00	2,748	194.19	0.00
5.00	0.00	2,748	194.19	0.00
5.10	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	2,748	194.19	0.00
5.30	0.00	2,748	194.19	0.00
5.40	0.00	2,748	194.19	0.00
5.50	0.00	2,748	194.19	0.00
5.60	0.00	2,748	194.19	0.00
5.70	0.00	2,748	194.19	0.00
5.80	0.00	2,748	194.19	0.00
5.90	0.00	2,748	194.19	0.00
6.00	0.00	2,748	194.19	0.00
6.10	0.00	2,748	194.19	0.00
6.20	0.00	2,748	194.19	0.00
6.30	0.00	2,748	194.19	0.00
6.40	0.00	2,748	194.19	0.00
6.50	0.00	2,748	194.19	0.00
6.60	0.00	2,748	194.19	0.00
6.70	0.00	2,748	194.19	0.00
6.80	0.00	2,748	194.19	0.00
6.90	0.00	2,748	194.19	0.00
7.00	0.00	2,748	194.19	0.00
7.10	0.00	2,748	194.19	0.00
7.20	0.00	2,748	194.19	0.00
7.30	0.00	2,748	194.19	0.00
7.40	0.00	2,748	194.19	0.00
7.50	0.00	2,748	194.19	0.00
7.60	0.00	2,748	194.19	0.00
7.70	0.00	2,748	194.19	0.00
7.80	0.00	2,748	194.19	0.00
7.90	0.00	2,748	194.19	0.00
8.00	0.00	2,748	194.19	0.00
8.10	0.00	2,748	194.19	0.00
8.20	0.00	2,748	194.19	0.00
8.30	0.00	2,748	194.19	0.00
8.40	0.00	2,748	194.19	0.00
8.50	0.00	2,748	194.19	0.00
8.60	0.00	2,748	194.19	0.00
8.70	0.00	2,748	194.19	0.00
8.80	0.00	2,748	194.19	0.00
8.90	0.00	2,748	194.19	0.00
9.00	0.00	2,748	194.19	0.00
9.10	0.00	2,748	194.19	0.00
9.20	0.00	2,748	194.19	0.00
9.30	0.00	2,748	194.19	0.00
9.40	0.00	2,748	194.19	0.00
9.50	0.00	2,748	194.19	0.00
9.60	0.00	2,748	194.19	0.00
9.70	0.00	2,748	194.19	0.00
9.80	0.00	2,748	194.19	0.00
9.90	0.00	2,748	194.19	0.00
10.00	0.00	2,748	194.19	0.00
10.10	0.00	2,748	194.19	0.00
10.20	0.00	2,748	194.19	0.00
10.30	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	2,748	194.19	0.00
10.50	0.00	2,748	194.19	0.00
10.60	0.00	2,748	194.19	0.00
10.70	0.00	2,748	194.19	0.00
10.80	0.00	2,748	194.19	0.00
10.90	0.00	2,748	194.19	0.00
11.00	0.00	2,748	194.19	0.00
11.10	0.00	2,748	194.19	0.00
11.20	0.00	2,748	194.19	0.00
11.30	0.00	2,748	194.19	0.00
11.40	0.00	2,748	194.19	0.00
11.50	0.00	2,748	194.19	0.00
11.60	0.00	2,748	194.19	0.00
11.70	0.00	2,748	194.19	0.00
11.80	0.00	2,748	194.19	0.00
11.90	0.00	2,748	194.19	0.00
12.00	0.00	2,748	194.19	0.00
12.10	0.00	2,748	194.19	0.00
12.20	0.00	2,748	194.19	0.00
12.30	0.00	2,748	194.19	0.00
12.40	0.00	2,748	194.19	0.00
12.50	0.00	2,748	194.19	0.00
12.60	0.00	2,748	194.19	0.00
12.70	0.00	2,748	194.19	0.00
12.80	0.00	2,748	194.19	0.00
12.90	0.00	2,748	194.19	0.00
13.00	0.00	2,748	194.19	0.00
13.10	0.00	2,748	194.19	0.00
13.20	0.00	2,748	194.19	0.00
13.30	0.00	2,748	194.19	0.00
13.40	0.00	2,748	194.19	0.00
13.50	0.00	2,748	194.19	0.00
13.60	0.00	2,748	194.19	0.00
13.70	0.00	2,748	194.19	0.00
13.80	0.00	2,748	194.19	0.00
13.90	0.00	2,748	194.19	0.00
14.00	0.00	2,748	194.19	0.00
14.10	0.00	2,748	194.19	0.00
14.20	0.00	2,748	194.19	0.00
14.30	0.00	2,748	194.19	0.00
14.40	0.00	2,748	194.19	0.00
14.50	0.00	2,748	194.19	0.00
14.60	0.00	2,748	194.19	0.00
14.70	0.00	2,748	194.19	0.00
14.80	0.00	2,748	194.19	0.00
14.90	0.00	2,748	194.19	0.00
15.00	0.00	2,748	194.19	0.00
15.10	0.00	2,748	194.19	0.00
15.20	0.00	2,748	194.19	0.00
15.30	0.00	2,748	194.19	0.00
15.40	0.00	2,748	194.19	0.00
15.50	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	2,748	194.19	0.00
15.70	0.00	2,748	194.19	0.00
15.80	0.00	2,748	194.19	0.00
15.90	0.00	2,748	194.19	0.00
16.00	0.00	2,748	194.19	0.00
16.10	0.00	2,748	194.19	0.00
16.20	0.00	2,748	194.19	0.00
16.30	0.00	2,748	194.19	0.00
16.40	0.00	2,748	194.19	0.00
16.50	0.00	2,748	194.19	0.00
16.60	0.00	2,748	194.19	0.00
16.70	0.00	2,748	194.19	0.00
16.80	0.00	2,748	194.19	0.00
16.90	0.00	2,748	194.19	0.00
17.00	0.00	2,748	194.19	0.00
17.10	0.00	2,748	194.19	0.00
17.20	0.00	2,748	194.19	0.00
17.30	0.00	2,748	194.19	0.00
17.40	0.00	2,748	194.19	0.00
17.50	0.00	2,748	194.19	0.00
17.60	0.00	2,748	194.19	0.00
17.70	0.00	2,748	194.19	0.00
17.80	0.00	2,748	194.19	0.00
17.90	0.00	2,748	194.19	0.00
18.00	0.00	2,748	194.19	0.00
18.10	0.00	2,748	194.19	0.00
18.20	0.00	2,748	194.19	0.00
18.30	0.00	2,748	194.19	0.00
18.40	0.00	2,748	194.19	0.00
18.50	0.00	2,748	194.19	0.00
18.60	0.00	2,748	194.19	0.00
18.70	0.00	2,748	194.19	0.00
18.80	0.00	2,748	194.19	0.00
18.90	0.00	2,748	194.19	0.00
19.00	0.00	2,748	194.19	0.00
19.10	0.00	2,748	194.19	0.00
19.20	0.00	2,748	194.19	0.00
19.30	0.00	2,748	194.19	0.00
19.40	0.00	2,748	194.19	0.00
19.50	0.00	2,748	194.19	0.00
19.60	0.00	2,748	194.19	0.00
19.70	0.00	2,748	194.19	0.00
19.80	0.00	2,748	194.19	0.00
19.90	0.00	2,748	194.19	0.00
20.00	0.00	2,748	194.19	0.00
20.10	0.00	2,748	194.19	0.00
20.20	0.00	2,748	194.19	0.00
20.30	0.00	2,748	194.19	0.00
20.40	0.00	2,748	194.19	0.00
20.50	0.00	2,748	194.19	0.00
20.60	0.00	2,748	194.19	0.00
20.70	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	2,748	194.19	0.00
20.90	0.00	2,748	194.19	0.00
21.00	0.00	2,748	194.19	0.00
21.10	0.00	2,748	194.19	0.00
21.20	0.00	2,748	194.19	0.00
21.30	0.00	2,748	194.19	0.00
21.40	0.00	2,748	194.19	0.00
21.50	0.00	2,748	194.19	0.00
21.60	0.00	2,748	194.19	0.00
21.70	0.00	2,748	194.19	0.00
21.80	0.00	2,748	194.19	0.00
21.90	0.00	2,748	194.19	0.00
22.00	0.00	2,748	194.19	0.00
22.10	0.00	2,748	194.19	0.00
22.20	0.00	2,748	194.19	0.00
22.30	0.00	2,748	194.19	0.00
22.40	0.00	2,748	194.19	0.00
22.50	0.00	2,748	194.19	0.00
22.60	0.00	2,748	194.19	0.00
22.70	0.00	2,748	194.19	0.00
22.80	0.00	2,748	194.19	0.00
22.90	0.00	2,748	194.19	0.00
23.00	0.00	2,748	194.19	0.00
23.10	0.00	2,748	194.19	0.00
23.20	0.00	2,748	194.19	0.00
23.30	0.00	2,748	194.19	0.00
23.40	0.00	2,748	194.19	0.00
23.50	0.00	2,748	194.19	0.00
23.60	0.00	2,748	194.19	0.00
23.70	0.00	2,748	194.19	0.00
23.80	0.00	2,748	194.19	0.00
23.90	0.00	2,748	194.19	0.00
24.00	0.00	2,748	194.19	0.00
24.10	0.00	2,748	194.19	0.00
24.20	0.00	2,748	194.19	0.00
24.30	0.00	2,748	194.19	0.00
24.40	0.00	2,748	194.19	0.00
24.50	0.00	2,748	194.19	0.00
24.60	0.00	2,748	194.19	0.00
24.70	0.00	2,748	194.19	0.00
24.80	0.00	2,748	194.19	0.00
24.90	0.00	2,748	194.19	0.00
25.00	0.00	2,748	194.19	0.00
25.10	0.00	2,748	194.19	0.00
25.20	0.00	2,748	194.19	0.00
25.30	0.00	2,748	194.19	0.00
25.40	0.00	2,748	194.19	0.00
25.50	0.00	2,748	194.19	0.00
25.60	0.00	2,748	194.19	0.00
25.70	0.00	2,748	194.19	0.00
25.80	0.00	2,748	194.19	0.00
25.90	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,748	194.19	0.00
26.10	0.00	2,748	194.19	0.00
26.20	0.00	2,748	194.19	0.00
26.30	0.00	2,748	194.19	0.00
26.40	0.00	2,748	194.19	0.00
26.50	0.00	2,748	194.19	0.00
26.60	0.00	2,748	194.19	0.00
26.70	0.00	2,748	194.19	0.00
26.80	0.00	2,748	194.19	0.00
26.90	0.00	2,748	194.19	0.00
27.00	0.00	2,748	194.19	0.00
27.10	0.00	2,748	194.19	0.00
27.20	0.00	2,748	194.19	0.00
27.30	0.00	2,748	194.19	0.00
27.40	0.00	2,748	194.19	0.00
27.50	0.00	2,748	194.19	0.00
27.60	0.00	2,748	194.19	0.00
27.70	0.00	2,748	194.19	0.00
27.80	0.00	2,748	194.19	0.00
27.90	0.00	2,748	194.19	0.00
28.00	0.00	2,748	194.19	0.00
28.10	0.00	2,748	194.19	0.00
28.20	0.00	2,748	194.19	0.00
28.30	0.00	2,748	194.19	0.00
28.40	0.00	2,748	194.19	0.00
28.50	0.00	2,748	194.19	0.00
28.60	0.00	2,748	194.19	0.00
28.70	0.00	2,748	194.19	0.00
28.80	0.00	2,748	194.19	0.00
28.90	0.00	2,748	194.19	0.00
29.00	0.00	2,748	194.19	0.00
29.10	0.00	2,748	194.19	0.00
29.20	0.00	2,748	194.19	0.00
29.30	0.00	2,748	194.19	0.00
29.40	0.00	2,748	194.19	0.00
29.50	0.00	2,748	194.19	0.00
29.60	0.00	2,748	194.19	0.00
29.70	0.00	2,748	194.19	0.00
29.80	0.00	2,748	194.19	0.00
29.90	0.00	2,748	194.19	0.00
30.00	0.00	2,748	194.19	0.00
30.10	0.00	2,748	194.19	0.00
30.20	0.00	2,748	194.19	0.00
30.30	0.00	2,748	194.19	0.00
30.40	0.00	2,748	194.19	0.00
30.50	0.00	2,748	194.19	0.00
30.60	0.00	2,748	194.19	0.00
30.70	0.00	2,748	194.19	0.00
30.80	0.00	2,748	194.19	0.00
30.90	0.00	2,748	194.19	0.00
31.00	0.00	2,748	194.19	0.00
31.10	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,748	194.19	0.00
31.30	0.00	2,748	194.19	0.00
31.40	0.00	2,748	194.19	0.00
31.50	0.00	2,748	194.19	0.00
31.60	0.00	2,748	194.19	0.00
31.70	0.00	2,748	194.19	0.00
31.80	0.00	2,748	194.19	0.00
31.90	0.00	2,748	194.19	0.00
32.00	0.00	2,748	194.19	0.00
32.10	0.00	2,748	194.19	0.00
32.20	0.00	2,748	194.19	0.00
32.30	0.00	2,748	194.19	0.00
32.40	0.00	2,748	194.19	0.00
32.50	0.00	2,748	194.19	0.00
32.60	0.00	2,748	194.19	0.00
32.70	0.00	2,748	194.19	0.00
32.80	0.00	2,748	194.19	0.00
32.90	0.00	2,748	194.19	0.00
33.00	0.00	2,748	194.19	0.00
33.10	0.00	2,748	194.19	0.00
33.20	0.00	2,748	194.19	0.00
33.30	0.00	2,748	194.19	0.00
33.40	0.00	2,748	194.19	0.00
33.50	0.00	2,748	194.19	0.00
33.60	0.00	2,748	194.19	0.00
33.70	0.00	2,748	194.19	0.00
33.80	0.00	2,748	194.19	0.00
33.90	0.00	2,748	194.19	0.00
34.00	0.00	2,748	194.19	0.00
34.10	0.00	2,748	194.19	0.00
34.20	0.00	2,748	194.19	0.00
34.30	0.00	2,748	194.19	0.00
34.40	0.00	2,748	194.19	0.00
34.50	0.00	2,748	194.19	0.00
34.60	0.00	2,748	194.19	0.00
34.70	0.00	2,748	194.19	0.00
34.80	0.00	2,748	194.19	0.00
34.90	0.00	2,748	194.19	0.00
35.00	0.00	2,748	194.19	0.00
35.10	0.00	2,748	194.19	0.00
35.20	0.00	2,748	194.19	0.00
35.30	0.00	2,748	194.19	0.00
35.40	0.00	2,748	194.19	0.00
35.50	0.00	2,748	194.19	0.00
35.60	0.00	2,748	194.19	0.00
35.70	0.00	2,748	194.19	0.00
35.80	0.00	2,748	194.19	0.00
35.90	0.00	2,748	194.19	0.00
36.00	0.00	2,748	194.19	0.00
36.10	0.00	2,748	194.19	0.00
36.20	0.00	2,748	194.19	0.00
36.30	0.00	2,748	194.19	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,748	194.19	0.00
36.50	0.00	2,748	194.19	0.00
36.60	0.00	2,748	194.19	0.00
36.70	0.00	2,748	194.19	0.00
36.80	0.00	2,748	194.19	0.00
36.90	0.00	2,748	194.19	0.00
37.00	0.00	2,748	194.19	0.00
37.10	0.00	2,748	194.19	0.00
37.20	0.00	2,748	194.19	0.00
37.30	0.00	2,748	194.19	0.00
37.40	0.00	2,748	194.19	0.00
37.50	0.00	2,748	194.19	0.00
37.60	0.00	2,748	194.19	0.00
37.70	0.00	2,748	194.19	0.00
37.80	0.00	2,748	194.19	0.00
37.90	0.00	2,748	194.19	0.00
38.00	0.00	2,748	194.19	0.00
38.10	0.00	2,748	194.19	0.00
38.20	0.00	2,748	194.19	0.00
38.30	0.00	2,748	194.19	0.00
38.40	0.00	2,748	194.19	0.00
38.50	0.00	2,748	194.19	0.00
38.60	0.00	2,748	194.19	0.00
38.70	0.00	2,748	194.19	0.00
38.80	0.00	2,748	194.19	0.00
38.90	0.00	2,748	194.19	0.00
39.00	0.00	2,748	194.19	0.00
39.10	0.00	2,748	194.19	0.00
39.20	0.00	2,748	194.19	0.00
39.30	0.00	2,748	194.19	0.00
39.40	0.00	2,748	194.19	0.00
39.50	0.00	2,748	194.19	0.00
39.60	0.00	2,748	194.19	0.00
39.70	0.00	2,748	194.19	0.00
39.80	0.00	2,748	194.19	0.00
39.90	0.00	2,748	194.19	0.00
40.00	0.00	2,748	194.19	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	0.00	194.56	0.08
193.01	0.00	193.53	0.00	194.05	0.00	194.57	0.09
193.02	0.00	193.54	0.00	194.06	0.00	194.58	0.09
193.03	0.00	193.55	0.00	194.07	0.00	194.59	0.09
193.04	0.00	193.56	0.00	194.08	0.00	194.60	0.09
193.05	0.00	193.57	0.00	194.09	0.00	194.61	0.09
193.06	0.00	193.58	0.00	194.10	0.00	194.62	0.09
193.07	0.00	193.59	0.00	194.11	0.00	194.63	0.10
193.08	0.00	193.60	0.00	194.12	0.00	194.64	0.10
193.09	0.00	193.61	0.00	194.13	0.00	194.65	0.10
193.10	0.00	193.62	0.00	194.14	0.00	194.66	0.10
193.11	0.00	193.63	0.00	194.15	0.00	194.67	0.10
193.12	0.00	193.64	0.00	194.16	0.00	194.68	0.10
193.13	0.00	193.65	0.00	194.17	0.00	194.69	0.10
193.14	0.00	193.66	0.00	194.18	0.00	194.70	0.10
193.15	0.00	193.67	0.00	194.19	0.00	194.71	0.11
193.16	0.00	193.68	0.00	194.20	0.00	194.72	0.11
193.17	0.00	193.69	0.00	194.21	0.00	194.73	0.11
193.18	0.00	193.70	0.00	194.22	0.00	194.74	0.11
193.19	0.00	193.71	0.00	194.23	0.00	194.75	0.11
193.20	0.00	193.72	0.00	194.24	0.00	194.76	0.11
193.21	0.00	193.73	0.00	194.25	0.01	194.77	0.11
193.22	0.00	193.74	0.00	194.26	0.01	194.78	0.11
193.23	0.00	193.75	0.00	194.27	0.01	194.79	0.12
193.24	0.00	193.76	0.00	194.28	0.01	194.80	0.12
193.25	0.00	193.77	0.00	194.29	0.02	194.81	0.12
193.26	0.00	193.78	0.00	194.30	0.02	194.82	0.12
193.27	0.00	193.79	0.00	194.31	0.02	194.83	0.12
193.28	0.00	193.80	0.00	194.32	0.03	194.84	0.12
193.29	0.00	193.81	0.00	194.33	0.03	194.85	0.12
193.30	0.00	193.82	0.00	194.34	0.03	194.86	0.12
193.31	0.00	193.83	0.00	194.35	0.04	194.87	0.12
193.32	0.00	193.84	0.00	194.36	0.04	194.88	0.13
193.33	0.00	193.85	0.00	194.37	0.05	194.89	0.13
193.34	0.00	193.86	0.00	194.38	0.05	194.90	0.13
193.35	0.00	193.87	0.00	194.39	0.05	194.91	0.13
193.36	0.00	193.88	0.00	194.40	0.05	194.92	0.13
193.37	0.00	193.89	0.00	194.41	0.06	194.93	0.13
193.38	0.00	193.90	0.00	194.42	0.06	194.94	0.13
193.39	0.00	193.91	0.00	194.43	0.06	194.95	0.13
193.40	0.00	193.92	0.00	194.44	0.06	194.96	0.13
193.41	0.00	193.93	0.00	194.45	0.06	194.97	0.13
193.42	0.00	193.94	0.00	194.46	0.07	194.98	0.14
193.43	0.00	193.95	0.00	194.47	0.07	194.99	0.14
193.44	0.00	193.96	0.00	194.48	0.07	195.00	0.14
193.45	0.00	193.97	0.00	194.49	0.07	195.01	0.15
193.46	0.00	193.98	0.00	194.50	0.07	195.02	0.18
193.47	0.00	193.99	0.00	194.51	0.08	195.03	0.21
193.48	0.00	194.00	0.00	194.52	0.08	195.04	0.25
193.49	0.00	194.01	0.00	194.53	0.08	195.05	0.29
193.50	0.00	194.02	0.00	194.54	0.08	195.06	0.34
193.51	0.00	194.03	0.00	194.55	0.08	195.07	0.39

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	0.44	195.60	9.80
195.09	0.50	195.61	10.52
195.10	0.56	195.62	11.27
195.11	0.62	195.63	12.04
195.12	0.69	195.64	12.84
195.13	0.76	195.65	13.67
195.14	0.83	195.66	14.52
195.15	0.91	195.67	15.39
195.16	0.98	195.68	16.29
195.17	1.06	195.69	17.21
195.18	1.14	195.70	18.15
195.19	1.23	195.71	19.15
195.20	1.31	195.72	20.18
195.21	1.40	195.73	21.24
195.22	1.49	195.74	22.32
195.23	1.58	195.75	23.43
195.24	1.68	195.76	24.56
195.25	1.78	195.77	25.72
195.26	1.87	195.78	26.91
195.27	1.97	195.79	28.12
195.28	2.07	195.80	29.35
195.29	2.18	195.81	30.62
195.30	2.28	195.82	31.90
195.31	2.39	195.83	33.22
195.32	2.50	195.84	34.55
195.33	2.61	195.85	35.92
195.34	2.72	195.86	37.30
195.35	2.83	195.87	38.72
195.36	2.94	195.88	40.15
195.37	3.06	195.89	41.62
195.38	3.18	195.90	43.10
195.39	3.30	195.91	44.64
195.40	3.42	195.92	46.21
195.41	3.54	195.93	47.80
195.42	3.66	195.94	49.42
195.43	3.78	195.95	51.07
195.44	3.91	195.96	52.74
195.45	4.04	195.97	54.44
195.46	4.16	195.98	56.17
195.47	4.29	195.99	57.92
195.48	4.42	196.00	59.71
195.49	4.56		
195.50	4.69		
195.51	4.94		
195.52	5.29		
195.53	5.70		
195.54	6.17		
195.55	6.68		
195.56	7.24		
195.57	7.83		
195.58	8.45		
195.59	9.11		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	1,944	0	193.52	2,267	1,095
193.01	1,950	19	193.53	2,274	1,118
193.02	1,956	39	193.54	2,280	1,140
193.03	1,963	59	193.55	2,286	1,163
193.04	1,969	78	193.56	2,292	1,186
193.05	1,975	98	193.57	2,299	1,209
193.06	1,981	118	193.58	2,305	1,232
193.07	1,988	138	193.59	2,311	1,255
193.08	1,994	158	193.60	2,317	1,278
193.09	2,000	177	193.61	2,323	1,302
193.10	2,006	198	193.62	2,330	1,325
193.11	2,012	218	193.63	2,336	1,348
193.12	2,019	238	193.64	2,342	1,372
193.13	2,025	258	193.65	2,348	1,395
193.14	2,031	278	193.66	2,355	1,419
193.15	2,037	299	193.67	2,361	1,442
193.16	2,044	319	193.68	2,367	1,466
193.17	2,050	339	193.69	2,373	1,489
193.18	2,056	360	193.70	2,379	1,513
193.19	2,062	381	193.71	2,386	1,537
193.20	2,068	401	193.72	2,392	1,561
193.21	2,075	422	193.73	2,398	1,585
193.22	2,081	443	193.74	2,404	1,609
193.23	2,087	464	193.75	2,411	1,633
193.24	2,093	484	193.76	2,417	1,657
193.25	2,100	505	193.77	2,423	1,681
193.26	2,106	526	193.78	2,429	1,706
193.27	2,112	548	193.79	2,435	1,730
193.28	2,118	569	193.80	2,442	1,754
193.29	2,124	590	193.81	2,448	1,779
193.30	2,131	611	193.82	2,454	1,803
193.31	2,137	633	193.83	2,460	1,828
193.32	2,143	654	193.84	2,466	1,852
193.33	2,149	675	193.85	2,473	1,877
193.34	2,155	697	193.86	2,479	1,902
193.35	2,162	718	193.87	2,485	1,927
193.36	2,168	740	193.88	2,491	1,952
193.37	2,174	762	193.89	2,498	1,977
193.38	2,180	784	193.90	2,504	2,002
193.39	2,187	805	193.91	2,510	2,027
193.40	2,193	827	193.92	2,516	2,052
193.41	2,199	849	193.93	2,522	2,077
193.42	2,205	871	193.94	2,529	2,102
193.43	2,211	893	193.95	2,535	2,127
193.44	2,218	916	193.96	2,541	2,153
193.45	2,224	938	193.97	2,547	2,178
193.46	2,230	960	193.98	2,554	2,204
193.47	2,236	982	193.99	2,560	2,229
193.48	2,243	1,005	194.00	2,566	2,255
193.49	2,249	1,027	194.01	2,573	2,281
193.50	2,255	1,050	194.02	2,580	2,306
193.51	2,261	1,072	194.03	2,586	2,332

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	2,593	2,358	194.56	2,946	3,798
194.05	2,600	2,384	194.57	2,953	3,828
194.06	2,607	2,410	194.58	2,960	3,857
194.07	2,614	2,436	194.59	2,967	3,887
194.08	2,620	2,462	194.60	2,973	3,917
194.09	2,627	2,489	194.61	2,980	3,947
194.10	2,634	2,515	194.62	2,987	3,976
194.11	2,641	2,541	194.63	2,994	4,006
194.12	2,647	2,568	194.64	3,001	4,036
194.13	2,654	2,594	194.65	3,007	4,066
194.14	2,661	2,621	194.66	3,014	4,096
194.15	2,668	2,648	194.67	3,021	4,127
194.16	2,675	2,674	194.68	3,028	4,157
194.17	2,681	2,701	194.69	3,035	4,187
194.18	2,688	2,728	194.70	3,041	4,218
194.19	2,695	2,755	194.71	3,048	4,248
194.20	2,702	2,782	194.72	3,055	4,279
194.21	2,709	2,809	194.73	3,062	4,309
194.22	2,715	2,836	194.74	3,068	4,340
194.23	2,722	2,863	194.75	3,075	4,370
194.24	2,729	2,890	194.76	3,082	4,401
194.25	2,736	2,918	194.77	3,089	4,432
194.26	2,743	2,945	194.78	3,096	4,463
194.27	2,749	2,973	194.79	3,102	4,494
194.28	2,756	3,000	194.80	3,109	4,525
194.29	2,763	3,028	194.81	3,116	4,556
194.30	2,770	3,055	194.82	3,123	4,587
194.31	2,776	3,083	194.83	3,130	4,619
194.32	2,783	3,111	194.84	3,136	4,650
194.33	2,790	3,139	194.85	3,143	4,681
194.34	2,797	3,167	194.86	3,150	4,713
194.35	2,804	3,195	194.87	3,157	4,744
194.36	2,810	3,223	194.88	3,164	4,776
194.37	2,817	3,251	194.89	3,170	4,808
194.38	2,824	3,279	194.90	3,177	4,839
194.39	2,831	3,307	194.91	3,184	4,871
194.40	2,838	3,336	194.92	3,191	4,903
194.41	2,844	3,364	194.93	3,197	4,935
194.42	2,851	3,393	194.94	3,204	4,967
194.43	2,858	3,421	194.95	3,211	4,999
194.44	2,865	3,450	194.96	3,218	5,031
194.45	2,872	3,478	194.97	3,225	5,063
194.46	2,878	3,507	194.98	3,231	5,096
194.47	2,885	3,536	194.99	3,238	5,128
194.48	2,892	3,565	195.00	3,245	5,161
194.49	2,899	3,594	195.01	3,252	5,193
194.50	2,906	3,623	195.02	3,260	5,226
194.51	2,912	3,652	195.03	3,267	5,258
194.52	2,919	3,681	195.04	3,274	5,291
194.53	2,926	3,710	195.05	3,282	5,324
194.54	2,933	3,740	195.06	3,289	5,357
194.55	2,939	3,769	195.07	3,296	5,389

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	3,304	5,422	195.60	3,686	7,240
195.09	3,311	5,456	195.61	3,693	7,277
195.10	3,318	5,489	195.62	3,701	7,314
195.11	3,326	5,522	195.63	3,708	7,351
195.12	3,333	5,555	195.64	3,715	7,388
195.13	3,341	5,589	195.65	3,723	7,425
195.14	3,348	5,622	195.66	3,730	7,462
195.15	3,355	5,656	195.67	3,737	7,500
195.16	3,363	5,689	195.68	3,745	7,537
195.17	3,370	5,723	195.69	3,752	7,575
195.18	3,377	5,757	195.70	3,759	7,612
195.19	3,385	5,790	195.71	3,767	7,650
195.20	3,392	5,824	195.72	3,774	7,687
195.21	3,399	5,858	195.73	3,782	7,725
195.22	3,407	5,892	195.74	3,789	7,763
195.23	3,414	5,926	195.75	3,796	7,801
195.24	3,421	5,960	195.76	3,804	7,839
195.25	3,429	5,995	195.77	3,811	7,877
195.26	3,436	6,029	195.78	3,818	7,915
195.27	3,443	6,063	195.79	3,826	7,953
195.28	3,451	6,098	195.80	3,833	7,992
195.29	3,458	6,132	195.81	3,840	8,030
195.30	3,466	6,167	195.82	3,848	8,069
195.31	3,473	6,202	195.83	3,855	8,107
195.32	3,480	6,237	195.84	3,862	8,146
195.33	3,488	6,271	195.85	3,870	8,184
195.34	3,495	6,306	195.86	3,877	8,223
195.35	3,502	6,341	195.87	3,884	8,262
195.36	3,510	6,376	195.88	3,892	8,301
195.37	3,517	6,411	195.89	3,899	8,340
195.38	3,524	6,447	195.90	3,907	8,379
195.39	3,532	6,482	195.91	3,914	8,418
195.40	3,539	6,517	195.92	3,921	8,457
195.41	3,546	6,553	195.93	3,929	8,496
195.42	3,554	6,588	195.94	3,936	8,536
195.43	3,561	6,624	195.95	3,943	8,575
195.44	3,568	6,659	195.96	3,951	8,614
195.45	3,576	6,695	195.97	3,958	8,654
195.46	3,583	6,731	195.98	3,965	8,694
195.47	3,590	6,767	195.99	3,973	8,733
195.48	3,598	6,803	196.00	3,980	8,773
195.49	3,605	6,839			
195.50	3,613	6,875			
195.51	3,620	6,911			
195.52	3,627	6,947			
195.53	3,635	6,984			
195.54	3,642	7,020			
195.55	3,649	7,056			
195.56	3,657	7,093			
195.57	3,664	7,130			
195.58	3,671	7,166			
195.59	3,679	7,203			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 0.35" for WQ Storm event
 Inflow = 1.05 cfs @ 1.16 hrs, Volume= 0.039 af
 Outflow = 0.00 cfs @ 2.36 hrs, Volume= 0.000 af, Atten= 100%, Lag= 72.0 min
 Primary = 0.00 cfs @ 2.36 hrs, Volume= 0.000 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.56' @ 2.36 hrs Surf.Area= 3,245 sf Storage= 1,706 cf

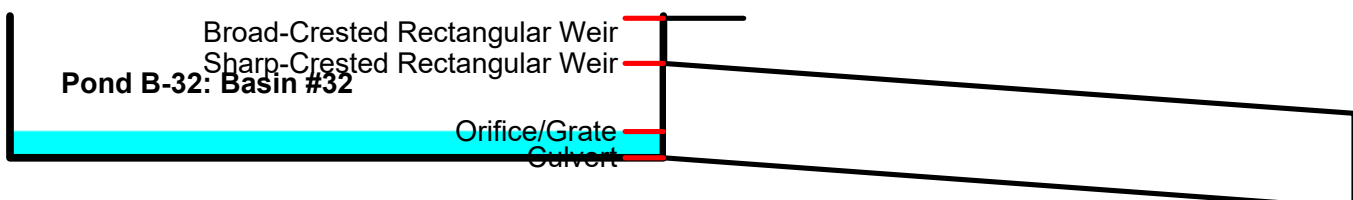
Plug-Flow detention time= 159.8 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 113.1 min (189.8 - 76.7)

Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	11,936 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	2,830	0	0
196.00	3,569	3,200	3,200
197.00	4,349	3,959	7,159
198.00	5,206	4,778	11,936

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.56'	36.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

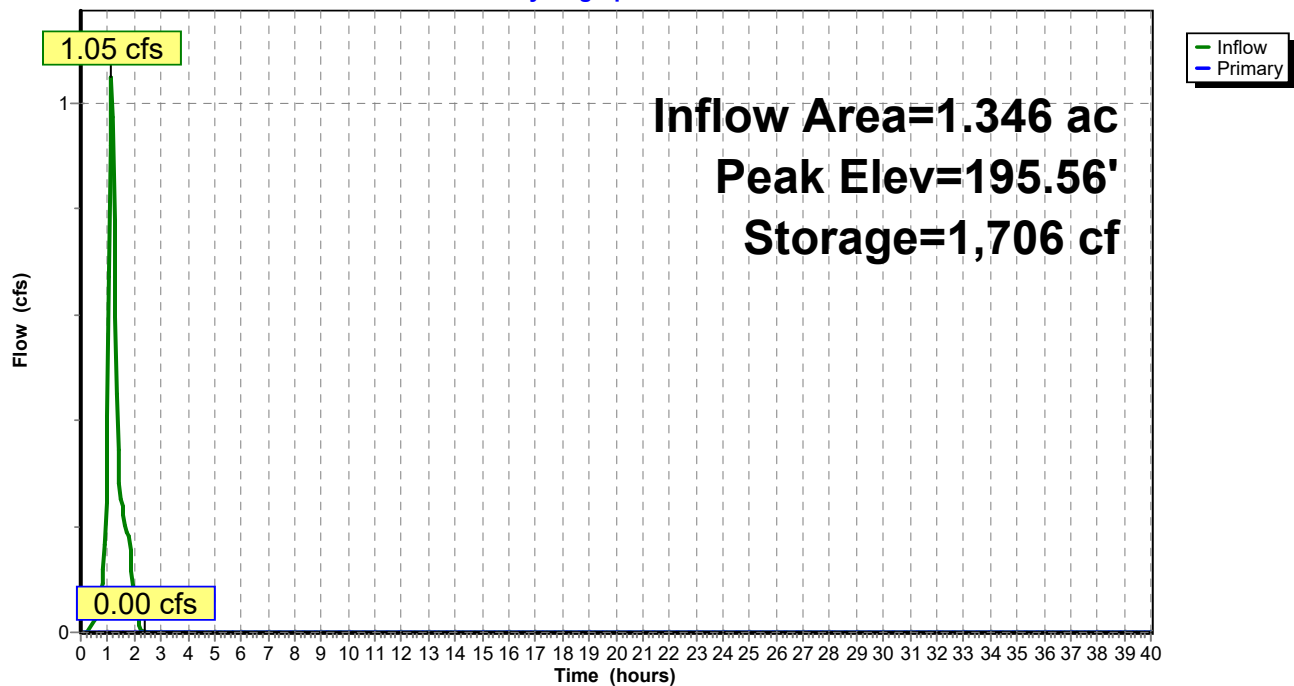
Primary OutFlow Max=0.00 cfs @ 2.36 hrs HW=195.56' (Free Discharge)

- 1=Culvert (Passes 0.00 cfs of 1.84 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.13 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-32: Basin #32

Hydrograph



Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.02	3	195.00	0.00
0.60	0.04	13	195.00	0.00
0.70	0.07	33	195.01	0.00
0.80	0.09	62	195.02	0.00
0.90	0.17	107	195.04	0.00
1.00	0.41	203	195.07	0.00
1.10	0.92	444	195.15	0.00
1.20	0.97	803	195.27	0.00
1.30	0.60	1,085	195.37	0.00
1.40	0.35	1,251	195.42	0.00
1.50	0.25	1,356	195.45	0.00
1.60	0.22	1,441	195.48	0.00
1.70	0.19	1,515	195.50	0.00
1.80	0.18	1,581	195.52	0.00
1.90	0.12	1,636	195.54	0.00
2.00	0.07	1,669	195.55	0.00
2.10	0.05	1,692	195.56	0.00
2.20	0.01	1,703	195.56	0.00
2.30	0.00	1,705	195.56	0.00
2.40	0.00	1,706	195.56	0.00
2.50	0.00	1,705	195.56	0.00
2.60	0.00	1,705	195.56	0.00
2.70	0.00	1,704	195.56	0.00
2.80	0.00	1,704	195.56	0.00
2.90	0.00	1,704	195.56	0.00
3.00	0.00	1,703	195.56	0.00
3.10	0.00	1,703	195.56	0.00
3.20	0.00	1,703	195.56	0.00
3.30	0.00	1,703	195.56	0.00
3.40	0.00	1,702	195.56	0.00
3.50	0.00	1,702	195.56	0.00
3.60	0.00	1,702	195.56	0.00
3.70	0.00	1,702	195.56	0.00
3.80	0.00	1,702	195.56	0.00
3.90	0.00	1,702	195.56	0.00
4.00	0.00	1,702	195.56	0.00
4.10	0.00	1,701	195.56	0.00
4.20	0.00	1,701	195.56	0.00
4.30	0.00	1,701	195.56	0.00
4.40	0.00	1,701	195.56	0.00
4.50	0.00	1,701	195.56	0.00
4.60	0.00	1,701	195.56	0.00
4.70	0.00	1,701	195.56	0.00
4.80	0.00	1,701	195.56	0.00
4.90	0.00	1,701	195.56	0.00
5.00	0.00	1,701	195.56	0.00
5.10	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,701	195.56	0.00
5.30	0.00	1,701	195.56	0.00
5.40	0.00	1,701	195.56	0.00
5.50	0.00	1,701	195.56	0.00
5.60	0.00	1,701	195.56	0.00
5.70	0.00	1,701	195.56	0.00
5.80	0.00	1,701	195.56	0.00
5.90	0.00	1,701	195.56	0.00
6.00	0.00	1,701	195.56	0.00
6.10	0.00	1,701	195.56	0.00
6.20	0.00	1,701	195.56	0.00
6.30	0.00	1,701	195.56	0.00
6.40	0.00	1,701	195.56	0.00
6.50	0.00	1,701	195.56	0.00
6.60	0.00	1,701	195.56	0.00
6.70	0.00	1,701	195.56	0.00
6.80	0.00	1,701	195.56	0.00
6.90	0.00	1,701	195.56	0.00
7.00	0.00	1,701	195.56	0.00
7.10	0.00	1,701	195.56	0.00
7.20	0.00	1,701	195.56	0.00
7.30	0.00	1,701	195.56	0.00
7.40	0.00	1,701	195.56	0.00
7.50	0.00	1,701	195.56	0.00
7.60	0.00	1,701	195.56	0.00
7.70	0.00	1,701	195.56	0.00
7.80	0.00	1,701	195.56	0.00
7.90	0.00	1,701	195.56	0.00
8.00	0.00	1,701	195.56	0.00
8.10	0.00	1,701	195.56	0.00
8.20	0.00	1,701	195.56	0.00
8.30	0.00	1,701	195.56	0.00
8.40	0.00	1,701	195.56	0.00
8.50	0.00	1,701	195.56	0.00
8.60	0.00	1,701	195.56	0.00
8.70	0.00	1,701	195.56	0.00
8.80	0.00	1,701	195.56	0.00
8.90	0.00	1,701	195.56	0.00
9.00	0.00	1,701	195.56	0.00
9.10	0.00	1,701	195.56	0.00
9.20	0.00	1,701	195.56	0.00
9.30	0.00	1,701	195.56	0.00
9.40	0.00	1,701	195.56	0.00
9.50	0.00	1,701	195.56	0.00
9.60	0.00	1,701	195.56	0.00
9.70	0.00	1,701	195.56	0.00
9.80	0.00	1,701	195.56	0.00
9.90	0.00	1,701	195.56	0.00
10.00	0.00	1,701	195.56	0.00
10.10	0.00	1,701	195.56	0.00
10.20	0.00	1,701	195.56	0.00
10.30	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,701	195.56	0.00
10.50	0.00	1,701	195.56	0.00
10.60	0.00	1,701	195.56	0.00
10.70	0.00	1,701	195.56	0.00
10.80	0.00	1,701	195.56	0.00
10.90	0.00	1,701	195.56	0.00
11.00	0.00	1,701	195.56	0.00
11.10	0.00	1,701	195.56	0.00
11.20	0.00	1,701	195.56	0.00
11.30	0.00	1,701	195.56	0.00
11.40	0.00	1,701	195.56	0.00
11.50	0.00	1,701	195.56	0.00
11.60	0.00	1,701	195.56	0.00
11.70	0.00	1,701	195.56	0.00
11.80	0.00	1,701	195.56	0.00
11.90	0.00	1,701	195.56	0.00
12.00	0.00	1,701	195.56	0.00
12.10	0.00	1,701	195.56	0.00
12.20	0.00	1,701	195.56	0.00
12.30	0.00	1,701	195.56	0.00
12.40	0.00	1,701	195.56	0.00
12.50	0.00	1,701	195.56	0.00
12.60	0.00	1,701	195.56	0.00
12.70	0.00	1,701	195.56	0.00
12.80	0.00	1,701	195.56	0.00
12.90	0.00	1,701	195.56	0.00
13.00	0.00	1,701	195.56	0.00
13.10	0.00	1,701	195.56	0.00
13.20	0.00	1,701	195.56	0.00
13.30	0.00	1,701	195.56	0.00
13.40	0.00	1,701	195.56	0.00
13.50	0.00	1,701	195.56	0.00
13.60	0.00	1,701	195.56	0.00
13.70	0.00	1,701	195.56	0.00
13.80	0.00	1,701	195.56	0.00
13.90	0.00	1,701	195.56	0.00
14.00	0.00	1,701	195.56	0.00
14.10	0.00	1,701	195.56	0.00
14.20	0.00	1,701	195.56	0.00
14.30	0.00	1,701	195.56	0.00
14.40	0.00	1,701	195.56	0.00
14.50	0.00	1,701	195.56	0.00
14.60	0.00	1,701	195.56	0.00
14.70	0.00	1,701	195.56	0.00
14.80	0.00	1,701	195.56	0.00
14.90	0.00	1,701	195.56	0.00
15.00	0.00	1,701	195.56	0.00
15.10	0.00	1,701	195.56	0.00
15.20	0.00	1,701	195.56	0.00
15.30	0.00	1,701	195.56	0.00
15.40	0.00	1,701	195.56	0.00
15.50	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,701	195.56	0.00
15.70	0.00	1,701	195.56	0.00
15.80	0.00	1,701	195.56	0.00
15.90	0.00	1,701	195.56	0.00
16.00	0.00	1,701	195.56	0.00
16.10	0.00	1,701	195.56	0.00
16.20	0.00	1,701	195.56	0.00
16.30	0.00	1,701	195.56	0.00
16.40	0.00	1,701	195.56	0.00
16.50	0.00	1,701	195.56	0.00
16.60	0.00	1,701	195.56	0.00
16.70	0.00	1,701	195.56	0.00
16.80	0.00	1,701	195.56	0.00
16.90	0.00	1,701	195.56	0.00
17.00	0.00	1,701	195.56	0.00
17.10	0.00	1,701	195.56	0.00
17.20	0.00	1,701	195.56	0.00
17.30	0.00	1,701	195.56	0.00
17.40	0.00	1,701	195.56	0.00
17.50	0.00	1,701	195.56	0.00
17.60	0.00	1,701	195.56	0.00
17.70	0.00	1,701	195.56	0.00
17.80	0.00	1,701	195.56	0.00
17.90	0.00	1,701	195.56	0.00
18.00	0.00	1,701	195.56	0.00
18.10	0.00	1,701	195.56	0.00
18.20	0.00	1,701	195.56	0.00
18.30	0.00	1,701	195.56	0.00
18.40	0.00	1,701	195.56	0.00
18.50	0.00	1,701	195.56	0.00
18.60	0.00	1,701	195.56	0.00
18.70	0.00	1,701	195.56	0.00
18.80	0.00	1,701	195.56	0.00
18.90	0.00	1,701	195.56	0.00
19.00	0.00	1,701	195.56	0.00
19.10	0.00	1,701	195.56	0.00
19.20	0.00	1,701	195.56	0.00
19.30	0.00	1,701	195.56	0.00
19.40	0.00	1,701	195.56	0.00
19.50	0.00	1,701	195.56	0.00
19.60	0.00	1,701	195.56	0.00
19.70	0.00	1,701	195.56	0.00
19.80	0.00	1,701	195.56	0.00
19.90	0.00	1,701	195.56	0.00
20.00	0.00	1,701	195.56	0.00
20.10	0.00	1,701	195.56	0.00
20.20	0.00	1,701	195.56	0.00
20.30	0.00	1,701	195.56	0.00
20.40	0.00	1,701	195.56	0.00
20.50	0.00	1,701	195.56	0.00
20.60	0.00	1,701	195.56	0.00
20.70	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,701	195.56	0.00
20.90	0.00	1,701	195.56	0.00
21.00	0.00	1,701	195.56	0.00
21.10	0.00	1,701	195.56	0.00
21.20	0.00	1,701	195.56	0.00
21.30	0.00	1,701	195.56	0.00
21.40	0.00	1,701	195.56	0.00
21.50	0.00	1,701	195.56	0.00
21.60	0.00	1,701	195.56	0.00
21.70	0.00	1,701	195.56	0.00
21.80	0.00	1,701	195.56	0.00
21.90	0.00	1,701	195.56	0.00
22.00	0.00	1,701	195.56	0.00
22.10	0.00	1,701	195.56	0.00
22.20	0.00	1,701	195.56	0.00
22.30	0.00	1,701	195.56	0.00
22.40	0.00	1,701	195.56	0.00
22.50	0.00	1,701	195.56	0.00
22.60	0.00	1,701	195.56	0.00
22.70	0.00	1,701	195.56	0.00
22.80	0.00	1,701	195.56	0.00
22.90	0.00	1,701	195.56	0.00
23.00	0.00	1,701	195.56	0.00
23.10	0.00	1,701	195.56	0.00
23.20	0.00	1,701	195.56	0.00
23.30	0.00	1,701	195.56	0.00
23.40	0.00	1,701	195.56	0.00
23.50	0.00	1,701	195.56	0.00
23.60	0.00	1,701	195.56	0.00
23.70	0.00	1,701	195.56	0.00
23.80	0.00	1,701	195.56	0.00
23.90	0.00	1,701	195.56	0.00
24.00	0.00	1,701	195.56	0.00
24.10	0.00	1,701	195.56	0.00
24.20	0.00	1,701	195.56	0.00
24.30	0.00	1,701	195.56	0.00
24.40	0.00	1,701	195.56	0.00
24.50	0.00	1,701	195.56	0.00
24.60	0.00	1,701	195.56	0.00
24.70	0.00	1,701	195.56	0.00
24.80	0.00	1,701	195.56	0.00
24.90	0.00	1,701	195.56	0.00
25.00	0.00	1,701	195.56	0.00
25.10	0.00	1,701	195.56	0.00
25.20	0.00	1,701	195.56	0.00
25.30	0.00	1,701	195.56	0.00
25.40	0.00	1,701	195.56	0.00
25.50	0.00	1,701	195.56	0.00
25.60	0.00	1,701	195.56	0.00
25.70	0.00	1,701	195.56	0.00
25.80	0.00	1,701	195.56	0.00
25.90	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,701	195.56	0.00
26.10	0.00	1,701	195.56	0.00
26.20	0.00	1,701	195.56	0.00
26.30	0.00	1,701	195.56	0.00
26.40	0.00	1,701	195.56	0.00
26.50	0.00	1,701	195.56	0.00
26.60	0.00	1,701	195.56	0.00
26.70	0.00	1,701	195.56	0.00
26.80	0.00	1,701	195.56	0.00
26.90	0.00	1,701	195.56	0.00
27.00	0.00	1,701	195.56	0.00
27.10	0.00	1,701	195.56	0.00
27.20	0.00	1,701	195.56	0.00
27.30	0.00	1,701	195.56	0.00
27.40	0.00	1,701	195.56	0.00
27.50	0.00	1,701	195.56	0.00
27.60	0.00	1,701	195.56	0.00
27.70	0.00	1,701	195.56	0.00
27.80	0.00	1,701	195.56	0.00
27.90	0.00	1,701	195.56	0.00
28.00	0.00	1,701	195.56	0.00
28.10	0.00	1,701	195.56	0.00
28.20	0.00	1,701	195.56	0.00
28.30	0.00	1,701	195.56	0.00
28.40	0.00	1,701	195.56	0.00
28.50	0.00	1,701	195.56	0.00
28.60	0.00	1,701	195.56	0.00
28.70	0.00	1,701	195.56	0.00
28.80	0.00	1,701	195.56	0.00
28.90	0.00	1,701	195.56	0.00
29.00	0.00	1,701	195.56	0.00
29.10	0.00	1,701	195.56	0.00
29.20	0.00	1,701	195.56	0.00
29.30	0.00	1,701	195.56	0.00
29.40	0.00	1,701	195.56	0.00
29.50	0.00	1,701	195.56	0.00
29.60	0.00	1,701	195.56	0.00
29.70	0.00	1,701	195.56	0.00
29.80	0.00	1,701	195.56	0.00
29.90	0.00	1,701	195.56	0.00
30.00	0.00	1,701	195.56	0.00
30.10	0.00	1,701	195.56	0.00
30.20	0.00	1,701	195.56	0.00
30.30	0.00	1,701	195.56	0.00
30.40	0.00	1,701	195.56	0.00
30.50	0.00	1,701	195.56	0.00
30.60	0.00	1,701	195.56	0.00
30.70	0.00	1,701	195.56	0.00
30.80	0.00	1,701	195.56	0.00
30.90	0.00	1,701	195.56	0.00
31.00	0.00	1,701	195.56	0.00
31.10	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,701	195.56	0.00
31.30	0.00	1,701	195.56	0.00
31.40	0.00	1,701	195.56	0.00
31.50	0.00	1,701	195.56	0.00
31.60	0.00	1,701	195.56	0.00
31.70	0.00	1,701	195.56	0.00
31.80	0.00	1,701	195.56	0.00
31.90	0.00	1,701	195.56	0.00
32.00	0.00	1,701	195.56	0.00
32.10	0.00	1,701	195.56	0.00
32.20	0.00	1,701	195.56	0.00
32.30	0.00	1,701	195.56	0.00
32.40	0.00	1,701	195.56	0.00
32.50	0.00	1,701	195.56	0.00
32.60	0.00	1,701	195.56	0.00
32.70	0.00	1,701	195.56	0.00
32.80	0.00	1,701	195.56	0.00
32.90	0.00	1,701	195.56	0.00
33.00	0.00	1,701	195.56	0.00
33.10	0.00	1,701	195.56	0.00
33.20	0.00	1,701	195.56	0.00
33.30	0.00	1,701	195.56	0.00
33.40	0.00	1,701	195.56	0.00
33.50	0.00	1,701	195.56	0.00
33.60	0.00	1,701	195.56	0.00
33.70	0.00	1,701	195.56	0.00
33.80	0.00	1,701	195.56	0.00
33.90	0.00	1,701	195.56	0.00
34.00	0.00	1,701	195.56	0.00
34.10	0.00	1,701	195.56	0.00
34.20	0.00	1,701	195.56	0.00
34.30	0.00	1,701	195.56	0.00
34.40	0.00	1,701	195.56	0.00
34.50	0.00	1,701	195.56	0.00
34.60	0.00	1,701	195.56	0.00
34.70	0.00	1,701	195.56	0.00
34.80	0.00	1,701	195.56	0.00
34.90	0.00	1,701	195.56	0.00
35.00	0.00	1,701	195.56	0.00
35.10	0.00	1,701	195.56	0.00
35.20	0.00	1,701	195.56	0.00
35.30	0.00	1,701	195.56	0.00
35.40	0.00	1,701	195.56	0.00
35.50	0.00	1,701	195.56	0.00
35.60	0.00	1,701	195.56	0.00
35.70	0.00	1,701	195.56	0.00
35.80	0.00	1,701	195.56	0.00
35.90	0.00	1,701	195.56	0.00
36.00	0.00	1,701	195.56	0.00
36.10	0.00	1,701	195.56	0.00
36.20	0.00	1,701	195.56	0.00
36.30	0.00	1,701	195.56	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,701	195.56	0.00
36.50	0.00	1,701	195.56	0.00
36.60	0.00	1,701	195.56	0.00
36.70	0.00	1,701	195.56	0.00
36.80	0.00	1,701	195.56	0.00
36.90	0.00	1,701	195.56	0.00
37.00	0.00	1,701	195.56	0.00
37.10	0.00	1,701	195.56	0.00
37.20	0.00	1,701	195.56	0.00
37.30	0.00	1,701	195.56	0.00
37.40	0.00	1,701	195.56	0.00
37.50	0.00	1,701	195.56	0.00
37.60	0.00	1,701	195.56	0.00
37.70	0.00	1,701	195.56	0.00
37.80	0.00	1,701	195.56	0.00
37.90	0.00	1,701	195.56	0.00
38.00	0.00	1,701	195.56	0.00
38.10	0.00	1,701	195.56	0.00
38.20	0.00	1,701	195.56	0.00
38.30	0.00	1,701	195.56	0.00
38.40	0.00	1,701	195.56	0.00
38.50	0.00	1,701	195.56	0.00
38.60	0.00	1,701	195.56	0.00
38.70	0.00	1,701	195.56	0.00
38.80	0.00	1,701	195.56	0.00
38.90	0.00	1,701	195.56	0.00
39.00	0.00	1,701	195.56	0.00
39.10	0.00	1,701	195.56	0.00
39.20	0.00	1,701	195.56	0.00
39.30	0.00	1,701	195.56	0.00
39.40	0.00	1,701	195.56	0.00
39.50	0.00	1,701	195.56	0.00
39.60	0.00	1,701	195.56	0.00
39.70	0.00	1,701	195.56	0.00
39.80	0.00	1,701	195.56	0.00
39.90	0.00	1,701	195.56	0.00
40.00	0.00	1,701	195.56	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	3.20	196.56	6.23
195.01	0.00	195.53	0.00	196.05	3.30	196.57	6.27
195.02	0.00	195.54	0.00	196.06	3.40	196.58	6.31
195.03	0.00	195.55	0.00	196.07	3.50	196.59	6.35
195.04	0.00	195.56	0.00	196.08	3.58	196.60	6.39
195.05	0.00	195.57	0.01	196.09	3.67	196.61	6.43
195.06	0.00	195.58	0.03	196.10	3.74	196.62	6.47
195.07	0.00	195.59	0.05	196.11	3.82	196.63	6.51
195.08	0.00	195.60	0.08	196.12	3.89	196.64	6.55
195.09	0.00	195.61	0.11	196.13	3.97	196.65	6.59
195.10	0.00	195.62	0.14	196.14	4.04	196.66	6.63
195.11	0.00	195.63	0.18	196.15	4.10	196.67	6.67
195.12	0.00	195.64	0.22	196.16	4.17	196.68	6.71
195.13	0.00	195.65	0.26	196.17	4.24	196.69	6.75
195.14	0.00	195.66	0.30	196.18	4.30	196.70	6.79
195.15	0.00	195.67	0.35	196.19	4.36	196.71	6.83
195.16	0.00	195.68	0.40	196.20	4.43	196.72	6.87
195.17	0.00	195.69	0.45	196.21	4.49	196.73	6.91
195.18	0.00	195.70	0.50	196.22	4.55	196.74	6.94
195.19	0.00	195.71	0.56	196.23	4.61	196.75	6.98
195.20	0.00	195.72	0.62	196.24	4.66	196.76	7.02
195.21	0.00	195.73	0.67	196.25	4.72	196.77	7.06
195.22	0.00	195.74	0.74	196.26	4.78	196.78	7.09
195.23	0.00	195.75	0.80	196.27	4.83	196.79	7.13
195.24	0.00	195.76	0.86	196.28	4.89	196.80	7.17
195.25	0.00	195.77	0.93	196.29	4.94	196.81	7.20
195.26	0.00	195.78	0.99	196.30	5.00	196.82	7.24
195.27	0.00	195.79	1.06	196.31	5.05	196.83	7.28
195.28	0.00	195.80	1.13	196.32	5.10	196.84	7.31
195.29	0.00	195.81	1.20	196.33	5.16	196.85	7.35
195.30	0.00	195.82	1.28	196.34	5.21	196.86	7.38
195.31	0.00	195.83	1.35	196.35	5.26	196.87	7.42
195.32	0.00	195.84	1.43	196.36	5.31	196.88	7.45
195.33	0.00	195.85	1.50	196.37	5.36	196.89	7.49
195.34	0.00	195.86	1.58	196.38	5.41	196.90	7.52
195.35	0.00	195.87	1.66	196.39	5.46	196.91	7.56
195.36	0.00	195.88	1.74	196.40	5.50	196.92	7.59
195.37	0.00	195.89	1.83	196.41	5.55	196.93	7.63
195.38	0.00	195.90	1.91	196.42	5.60	196.94	7.66
195.39	0.00	195.91	1.99	196.43	5.65	196.95	7.70
195.40	0.00	195.92	2.08	196.44	5.69	196.96	7.73
195.41	0.00	195.93	2.17	196.45	5.74	196.97	7.76
195.42	0.00	195.94	2.26	196.46	5.79	196.98	7.80
195.43	0.00	195.95	2.35	196.47	5.83	196.99	7.83
195.44	0.00	195.96	2.44	196.48	5.88	197.00	7.86
195.45	0.00	195.97	2.53	196.49	5.92	197.01	7.91
195.46	0.00	195.98	2.62	196.50	5.97	197.02	7.97
195.47	0.00	195.99	2.72	196.51	6.01	197.03	8.03
195.48	0.00	196.00	2.81	196.52	6.05	197.04	8.10
195.49	0.00	196.01	2.91	196.53	6.10	197.05	8.17
195.50	0.00	196.02	3.00	196.54	6.14	197.06	8.25
195.51	0.00	196.03	3.10	196.55	6.18	197.07	8.34

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	8.42	197.60	15.55
197.09	8.51	197.61	15.72
197.10	8.60	197.62	15.90
197.11	8.70	197.63	16.07
197.12	8.79	197.64	16.25
197.13	8.89	197.65	16.42
197.14	9.00	197.66	16.60
197.15	9.10	197.67	16.78
197.16	9.21	197.68	16.95
197.17	9.32	197.69	17.13
197.18	9.43	197.70	17.31
197.19	9.55	197.71	17.50
197.20	9.66	197.72	17.68
197.21	9.78	197.73	17.86
197.22	9.90	197.74	18.05
197.23	10.02	197.75	18.23
197.24	10.15	197.76	18.42
197.25	10.27	197.77	18.60
197.26	10.40	197.78	18.79
197.27	10.53	197.79	18.98
197.28	10.66	197.80	19.17
197.29	10.79	197.81	19.36
197.30	10.92	197.82	19.55
197.31	11.06	197.83	19.74
197.32	11.19	197.84	19.93
197.33	11.33	197.85	20.12
197.34	11.47	197.86	20.32
197.35	11.61	197.87	20.51
197.36	11.76	197.88	20.71
197.37	11.90	197.89	20.80
197.38	12.05	197.90	20.85
197.39	12.19	197.91	20.91
197.40	12.34	197.92	20.96
197.41	12.49	197.93	21.01
197.42	12.64	197.94	21.07
197.43	12.79	197.95	21.12
197.44	12.95	197.96	21.29
197.45	13.10	197.97	21.56
197.46	13.26	197.98	21.89
197.47	13.41	197.99	22.28
197.48	13.57	198.00	22.70
197.49	13.73		
197.50	13.89		
197.51	14.05		
197.52	14.21		
197.53	14.38		
197.54	14.54		
197.55	14.71		
197.56	14.87		
197.57	15.04		
197.58	15.21		
197.59	15.38		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	2,830	0	195.52	3,214	1,572
195.01	2,837	28	195.53	3,222	1,604
195.02	2,845	57	195.54	3,229	1,636
195.03	2,852	85	195.55	3,236	1,668
195.04	2,860	114	195.56	3,244	1,701
195.05	2,867	142	195.57	3,251	1,733
195.06	2,874	171	195.58	3,259	1,766
195.07	2,882	200	195.59	3,266	1,798
195.08	2,889	229	195.60	3,273	1,831
195.09	2,897	258	195.61	3,281	1,864
195.10	2,904	287	195.62	3,288	1,897
195.11	2,911	316	195.63	3,296	1,930
195.12	2,919	345	195.64	3,303	1,963
195.13	2,926	374	195.65	3,310	1,996
195.14	2,933	403	195.66	3,318	2,029
195.15	2,941	433	195.67	3,325	2,062
195.16	2,948	462	195.68	3,333	2,095
195.17	2,956	492	195.69	3,340	2,129
195.18	2,963	521	195.70	3,347	2,162
195.19	2,970	551	195.71	3,355	2,196
195.20	2,978	581	195.72	3,362	2,229
195.21	2,985	611	195.73	3,369	2,263
195.22	2,993	640	195.74	3,377	2,297
195.23	3,000	670	195.75	3,384	2,330
195.24	3,007	700	195.76	3,392	2,364
195.25	3,015	731	195.77	3,399	2,398
195.26	3,022	761	195.78	3,406	2,432
195.27	3,030	791	195.79	3,414	2,466
195.28	3,037	821	195.80	3,421	2,500
195.29	3,044	852	195.81	3,429	2,535
195.30	3,052	882	195.82	3,436	2,569
195.31	3,059	913	195.83	3,443	2,603
195.32	3,066	943	195.84	3,451	2,638
195.33	3,074	974	195.85	3,458	2,672
195.34	3,081	1,005	195.86	3,466	2,707
195.35	3,089	1,036	195.87	3,473	2,742
195.36	3,096	1,067	195.88	3,480	2,777
195.37	3,103	1,098	195.89	3,488	2,811
195.38	3,111	1,129	195.90	3,495	2,846
195.39	3,118	1,160	195.91	3,502	2,881
195.40	3,126	1,191	195.92	3,510	2,916
195.41	3,133	1,222	195.93	3,517	2,951
195.42	3,140	1,254	195.94	3,525	2,987
195.43	3,148	1,285	195.95	3,532	3,022
195.44	3,155	1,317	195.96	3,539	3,057
195.45	3,163	1,348	195.97	3,547	3,093
195.46	3,170	1,380	195.98	3,554	3,128
195.47	3,177	1,412	195.99	3,562	3,164
195.48	3,185	1,444	196.00	3,569	3,200
195.49	3,192	1,475	196.01	3,577	3,235
195.50	3,200	1,507	196.02	3,585	3,271
195.51	3,207	1,539	196.03	3,592	3,307

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	3,600	3,343	196.56	4,006	5,320
196.05	3,608	3,379	196.57	4,014	5,361
196.06	3,616	3,415	196.58	4,021	5,401
196.07	3,624	3,451	196.59	4,029	5,441
196.08	3,631	3,488	196.60	4,037	5,481
196.09	3,639	3,524	196.61	4,045	5,522
196.10	3,647	3,560	196.62	4,053	5,562
196.11	3,655	3,597	196.63	4,060	5,603
196.12	3,663	3,633	196.64	4,068	5,643
196.13	3,670	3,670	196.65	4,076	5,684
196.14	3,678	3,707	196.66	4,084	5,725
196.15	3,686	3,744	196.67	4,092	5,766
196.16	3,694	3,781	196.68	4,099	5,807
196.17	3,702	3,818	196.69	4,107	5,848
196.18	3,709	3,855	196.70	4,115	5,889
196.19	3,717	3,892	196.71	4,123	5,930
196.20	3,725	3,929	196.72	4,131	5,971
196.21	3,733	3,966	196.73	4,138	6,013
196.22	3,741	4,004	196.74	4,146	6,054
196.23	3,748	4,041	196.75	4,154	6,096
196.24	3,756	4,079	196.76	4,162	6,137
196.25	3,764	4,116	196.77	4,170	6,179
196.26	3,772	4,154	196.78	4,177	6,221
196.27	3,780	4,192	196.79	4,185	6,262
196.28	3,787	4,229	196.80	4,193	6,304
196.29	3,795	4,267	196.81	4,201	6,346
196.30	3,803	4,305	196.82	4,209	6,388
196.31	3,811	4,343	196.83	4,216	6,430
196.32	3,819	4,382	196.84	4,224	6,473
196.33	3,826	4,420	196.85	4,232	6,515
196.34	3,834	4,458	196.86	4,240	6,557
196.35	3,842	4,496	196.87	4,248	6,600
196.36	3,850	4,535	196.88	4,255	6,642
196.37	3,858	4,573	196.89	4,263	6,685
196.38	3,865	4,612	196.90	4,271	6,728
196.39	3,873	4,651	196.91	4,279	6,770
196.40	3,881	4,690	196.92	4,287	6,813
196.41	3,889	4,728	196.93	4,294	6,856
196.42	3,897	4,767	196.94	4,302	6,899
196.43	3,904	4,806	196.95	4,310	6,942
196.44	3,912	4,845	196.96	4,318	6,985
196.45	3,920	4,885	196.97	4,326	7,028
196.46	3,928	4,924	196.98	4,333	7,072
196.47	3,936	4,963	196.99	4,341	7,115
196.48	3,943	5,002	197.00	4,349	7,159
196.49	3,951	5,042	197.01	4,358	7,202
196.50	3,959	5,082	197.02	4,366	7,246
196.51	3,967	5,121	197.03	4,375	7,289
196.52	3,975	5,161	197.04	4,383	7,333
196.53	3,982	5,201	197.05	4,392	7,377
196.54	3,990	5,240	197.06	4,400	7,421
196.55	3,998	5,280	197.07	4,409	7,465

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	4,418	7,509	197.60	4,863	9,922
197.09	4,426	7,553	197.61	4,872	9,971
197.10	4,435	7,598	197.62	4,880	10,020
197.11	4,443	7,642	197.63	4,889	10,068
197.12	4,452	7,687	197.64	4,897	10,117
197.13	4,460	7,731	197.65	4,906	10,166
197.14	4,469	7,776	197.66	4,915	10,215
197.15	4,478	7,820	197.67	4,923	10,265
197.16	4,486	7,865	197.68	4,932	10,314
197.17	4,495	7,910	197.69	4,940	10,363
197.18	4,503	7,955	197.70	4,949	10,413
197.19	4,512	8,000	197.71	4,957	10,462
197.20	4,520	8,045	197.72	4,966	10,512
197.21	4,529	8,091	197.73	4,975	10,562
197.22	4,538	8,136	197.74	4,983	10,611
197.23	4,546	8,181	197.75	4,992	10,661
197.24	4,555	8,227	197.76	5,000	10,711
197.25	4,563	8,273	197.77	5,009	10,761
197.26	4,572	8,318	197.78	5,017	10,811
197.27	4,580	8,364	197.79	5,026	10,862
197.28	4,589	8,410	197.80	5,035	10,912
197.29	4,598	8,456	197.81	5,043	10,962
197.30	4,606	8,502	197.82	5,052	11,013
197.31	4,615	8,548	197.83	5,060	11,063
197.32	4,623	8,594	197.84	5,069	11,114
197.33	4,632	8,640	197.85	5,077	11,165
197.34	4,640	8,687	197.86	5,086	11,216
197.35	4,649	8,733	197.87	5,095	11,266
197.36	4,658	8,780	197.88	5,103	11,317
197.37	4,666	8,826	197.89	5,112	11,369
197.38	4,675	8,873	197.90	5,120	11,420
197.39	4,683	8,920	197.91	5,129	11,471
197.40	4,692	8,967	197.92	5,137	11,522
197.41	4,700	9,014	197.93	5,146	11,574
197.42	4,709	9,061	197.94	5,155	11,625
197.43	4,718	9,108	197.95	5,163	11,677
197.44	4,726	9,155	197.96	5,172	11,728
197.45	4,735	9,202	197.97	5,180	11,780
197.46	4,743	9,250	197.98	5,189	11,832
197.47	4,752	9,297	197.99	5,197	11,884
197.48	4,760	9,345	198.00	5,206	11,936
197.49	4,769	9,392			
197.50	4,778	9,440			
197.51	4,786	9,488			
197.52	4,795	9,536			
197.53	4,803	9,584			
197.54	4,812	9,632			
197.55	4,820	9,680			
197.56	4,829	9,728			
197.57	4,837	9,777			
197.58	4,846	9,825			
197.59	4,855	9,874			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 0.56" for WQ Storm event
 Inflow = 2.36 cfs @ 1.15 hrs, Volume= 0.083 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.22' @ 2.60 hrs Surf.Area= 3,451 sf Storage= 3,603 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

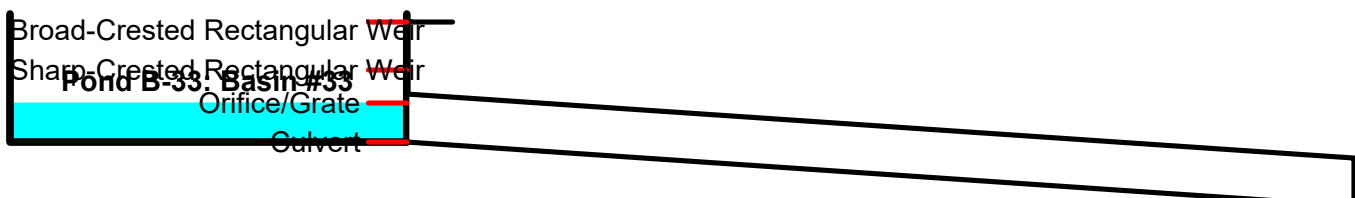
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	16,613 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	2,481	0	0
185.00	3,268	2,875	2,875
186.00	4,111	3,690	6,564
187.00	5,010	4,561	11,125
188.00	5,966	5,488	16,613

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	185.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

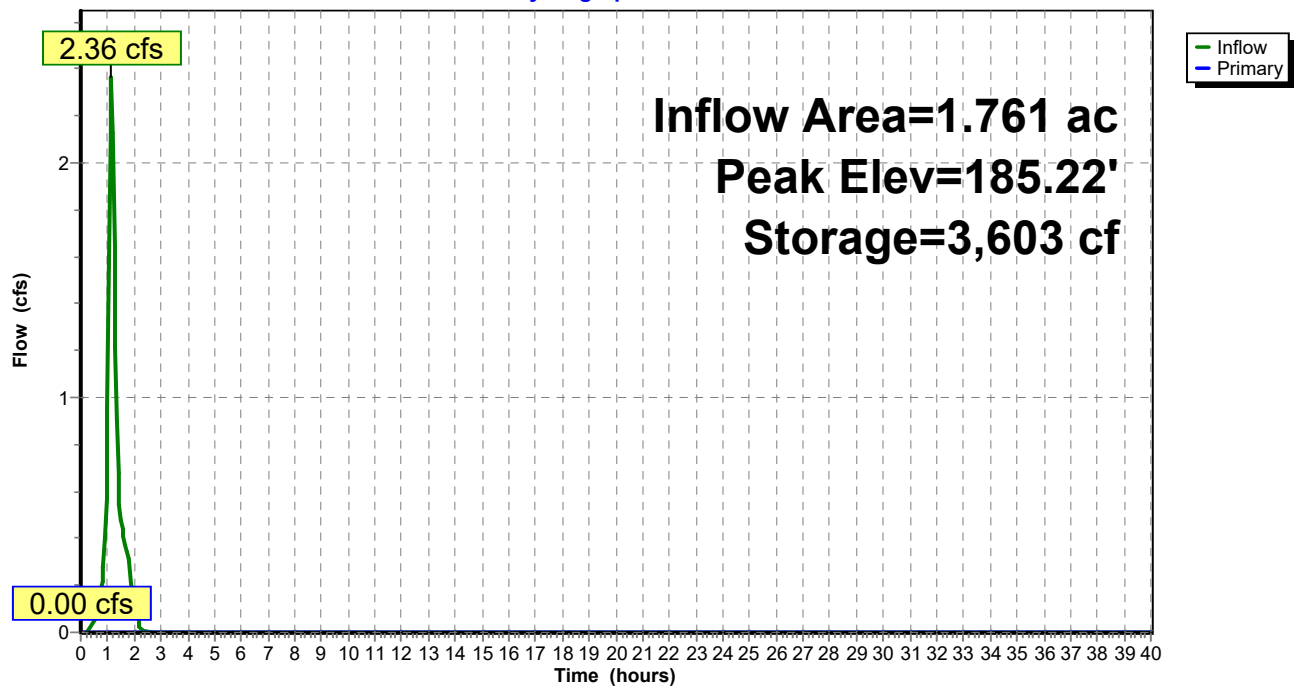
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=184.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.00	0	184.00	0.00
0.50	0.04	7	184.00	0.00
0.60	0.09	30	184.01	0.00
0.70	0.16	76	184.03	0.00
0.80	0.22	144	184.06	0.00
0.90	0.39	249	184.10	0.00
1.00	0.95	472	184.18	0.00
1.10	2.12	1,030	184.39	0.00
1.20	2.12	1,837	184.67	0.00
1.30	1.21	2,433	184.86	0.00
1.40	0.67	2,764	184.97	0.00
1.50	0.48	2,966	185.03	0.00
1.60	0.41	3,125	185.08	0.00
1.70	0.35	3,259	185.12	0.00
1.80	0.32	3,380	185.15	0.00
1.90	0.21	3,478	185.18	0.00
2.00	0.13	3,537	185.20	0.00
2.10	0.09	3,578	185.21	0.00
2.20	0.02	3,597	185.22	0.00
2.30	0.01	3,602	185.22	0.00
2.40	0.00	3,603	185.22	0.00
2.50	0.00	3,603	185.22	0.00
2.60	0.00	3,604	185.22	0.00
2.70	0.00	3,604	185.22	0.00
2.80	0.00	3,604	185.22	0.00
2.90	0.00	3,604	185.22	0.00
3.00	0.00	3,604	185.22	0.00
3.10	0.00	3,604	185.22	0.00
3.20	0.00	3,604	185.22	0.00
3.30	0.00	3,604	185.22	0.00
3.40	0.00	3,604	185.22	0.00
3.50	0.00	3,604	185.22	0.00
3.60	0.00	3,604	185.22	0.00
3.70	0.00	3,604	185.22	0.00
3.80	0.00	3,604	185.22	0.00
3.90	0.00	3,604	185.22	0.00
4.00	0.00	3,604	185.22	0.00
4.10	0.00	3,604	185.22	0.00
4.20	0.00	3,604	185.22	0.00
4.30	0.00	3,604	185.22	0.00
4.40	0.00	3,604	185.22	0.00
4.50	0.00	3,604	185.22	0.00
4.60	0.00	3,604	185.22	0.00
4.70	0.00	3,604	185.22	0.00
4.80	0.00	3,604	185.22	0.00
4.90	0.00	3,604	185.22	0.00
5.00	0.00	3,604	185.22	0.00
5.10	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,604	185.22	0.00
5.30	0.00	3,604	185.22	0.00
5.40	0.00	3,604	185.22	0.00
5.50	0.00	3,604	185.22	0.00
5.60	0.00	3,604	185.22	0.00
5.70	0.00	3,604	185.22	0.00
5.80	0.00	3,604	185.22	0.00
5.90	0.00	3,604	185.22	0.00
6.00	0.00	3,604	185.22	0.00
6.10	0.00	3,604	185.22	0.00
6.20	0.00	3,604	185.22	0.00
6.30	0.00	3,604	185.22	0.00
6.40	0.00	3,604	185.22	0.00
6.50	0.00	3,604	185.22	0.00
6.60	0.00	3,604	185.22	0.00
6.70	0.00	3,604	185.22	0.00
6.80	0.00	3,604	185.22	0.00
6.90	0.00	3,604	185.22	0.00
7.00	0.00	3,604	185.22	0.00
7.10	0.00	3,604	185.22	0.00
7.20	0.00	3,604	185.22	0.00
7.30	0.00	3,604	185.22	0.00
7.40	0.00	3,604	185.22	0.00
7.50	0.00	3,604	185.22	0.00
7.60	0.00	3,604	185.22	0.00
7.70	0.00	3,604	185.22	0.00
7.80	0.00	3,604	185.22	0.00
7.90	0.00	3,604	185.22	0.00
8.00	0.00	3,604	185.22	0.00
8.10	0.00	3,604	185.22	0.00
8.20	0.00	3,604	185.22	0.00
8.30	0.00	3,604	185.22	0.00
8.40	0.00	3,604	185.22	0.00
8.50	0.00	3,604	185.22	0.00
8.60	0.00	3,604	185.22	0.00
8.70	0.00	3,604	185.22	0.00
8.80	0.00	3,604	185.22	0.00
8.90	0.00	3,604	185.22	0.00
9.00	0.00	3,604	185.22	0.00
9.10	0.00	3,604	185.22	0.00
9.20	0.00	3,604	185.22	0.00
9.30	0.00	3,604	185.22	0.00
9.40	0.00	3,604	185.22	0.00
9.50	0.00	3,604	185.22	0.00
9.60	0.00	3,604	185.22	0.00
9.70	0.00	3,604	185.22	0.00
9.80	0.00	3,604	185.22	0.00
9.90	0.00	3,604	185.22	0.00
10.00	0.00	3,604	185.22	0.00
10.10	0.00	3,604	185.22	0.00
10.20	0.00	3,604	185.22	0.00
10.30	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,604	185.22	0.00
10.50	0.00	3,604	185.22	0.00
10.60	0.00	3,604	185.22	0.00
10.70	0.00	3,604	185.22	0.00
10.80	0.00	3,604	185.22	0.00
10.90	0.00	3,604	185.22	0.00
11.00	0.00	3,604	185.22	0.00
11.10	0.00	3,604	185.22	0.00
11.20	0.00	3,604	185.22	0.00
11.30	0.00	3,604	185.22	0.00
11.40	0.00	3,604	185.22	0.00
11.50	0.00	3,604	185.22	0.00
11.60	0.00	3,604	185.22	0.00
11.70	0.00	3,604	185.22	0.00
11.80	0.00	3,604	185.22	0.00
11.90	0.00	3,604	185.22	0.00
12.00	0.00	3,604	185.22	0.00
12.10	0.00	3,604	185.22	0.00
12.20	0.00	3,604	185.22	0.00
12.30	0.00	3,604	185.22	0.00
12.40	0.00	3,604	185.22	0.00
12.50	0.00	3,604	185.22	0.00
12.60	0.00	3,604	185.22	0.00
12.70	0.00	3,604	185.22	0.00
12.80	0.00	3,604	185.22	0.00
12.90	0.00	3,604	185.22	0.00
13.00	0.00	3,604	185.22	0.00
13.10	0.00	3,604	185.22	0.00
13.20	0.00	3,604	185.22	0.00
13.30	0.00	3,604	185.22	0.00
13.40	0.00	3,604	185.22	0.00
13.50	0.00	3,604	185.22	0.00
13.60	0.00	3,604	185.22	0.00
13.70	0.00	3,604	185.22	0.00
13.80	0.00	3,604	185.22	0.00
13.90	0.00	3,604	185.22	0.00
14.00	0.00	3,604	185.22	0.00
14.10	0.00	3,604	185.22	0.00
14.20	0.00	3,604	185.22	0.00
14.30	0.00	3,604	185.22	0.00
14.40	0.00	3,604	185.22	0.00
14.50	0.00	3,604	185.22	0.00
14.60	0.00	3,604	185.22	0.00
14.70	0.00	3,604	185.22	0.00
14.80	0.00	3,604	185.22	0.00
14.90	0.00	3,604	185.22	0.00
15.00	0.00	3,604	185.22	0.00
15.10	0.00	3,604	185.22	0.00
15.20	0.00	3,604	185.22	0.00
15.30	0.00	3,604	185.22	0.00
15.40	0.00	3,604	185.22	0.00
15.50	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,604	185.22	0.00
15.70	0.00	3,604	185.22	0.00
15.80	0.00	3,604	185.22	0.00
15.90	0.00	3,604	185.22	0.00
16.00	0.00	3,604	185.22	0.00
16.10	0.00	3,604	185.22	0.00
16.20	0.00	3,604	185.22	0.00
16.30	0.00	3,604	185.22	0.00
16.40	0.00	3,604	185.22	0.00
16.50	0.00	3,604	185.22	0.00
16.60	0.00	3,604	185.22	0.00
16.70	0.00	3,604	185.22	0.00
16.80	0.00	3,604	185.22	0.00
16.90	0.00	3,604	185.22	0.00
17.00	0.00	3,604	185.22	0.00
17.10	0.00	3,604	185.22	0.00
17.20	0.00	3,604	185.22	0.00
17.30	0.00	3,604	185.22	0.00
17.40	0.00	3,604	185.22	0.00
17.50	0.00	3,604	185.22	0.00
17.60	0.00	3,604	185.22	0.00
17.70	0.00	3,604	185.22	0.00
17.80	0.00	3,604	185.22	0.00
17.90	0.00	3,604	185.22	0.00
18.00	0.00	3,604	185.22	0.00
18.10	0.00	3,604	185.22	0.00
18.20	0.00	3,604	185.22	0.00
18.30	0.00	3,604	185.22	0.00
18.40	0.00	3,604	185.22	0.00
18.50	0.00	3,604	185.22	0.00
18.60	0.00	3,604	185.22	0.00
18.70	0.00	3,604	185.22	0.00
18.80	0.00	3,604	185.22	0.00
18.90	0.00	3,604	185.22	0.00
19.00	0.00	3,604	185.22	0.00
19.10	0.00	3,604	185.22	0.00
19.20	0.00	3,604	185.22	0.00
19.30	0.00	3,604	185.22	0.00
19.40	0.00	3,604	185.22	0.00
19.50	0.00	3,604	185.22	0.00
19.60	0.00	3,604	185.22	0.00
19.70	0.00	3,604	185.22	0.00
19.80	0.00	3,604	185.22	0.00
19.90	0.00	3,604	185.22	0.00
20.00	0.00	3,604	185.22	0.00
20.10	0.00	3,604	185.22	0.00
20.20	0.00	3,604	185.22	0.00
20.30	0.00	3,604	185.22	0.00
20.40	0.00	3,604	185.22	0.00
20.50	0.00	3,604	185.22	0.00
20.60	0.00	3,604	185.22	0.00
20.70	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,604	185.22	0.00
20.90	0.00	3,604	185.22	0.00
21.00	0.00	3,604	185.22	0.00
21.10	0.00	3,604	185.22	0.00
21.20	0.00	3,604	185.22	0.00
21.30	0.00	3,604	185.22	0.00
21.40	0.00	3,604	185.22	0.00
21.50	0.00	3,604	185.22	0.00
21.60	0.00	3,604	185.22	0.00
21.70	0.00	3,604	185.22	0.00
21.80	0.00	3,604	185.22	0.00
21.90	0.00	3,604	185.22	0.00
22.00	0.00	3,604	185.22	0.00
22.10	0.00	3,604	185.22	0.00
22.20	0.00	3,604	185.22	0.00
22.30	0.00	3,604	185.22	0.00
22.40	0.00	3,604	185.22	0.00
22.50	0.00	3,604	185.22	0.00
22.60	0.00	3,604	185.22	0.00
22.70	0.00	3,604	185.22	0.00
22.80	0.00	3,604	185.22	0.00
22.90	0.00	3,604	185.22	0.00
23.00	0.00	3,604	185.22	0.00
23.10	0.00	3,604	185.22	0.00
23.20	0.00	3,604	185.22	0.00
23.30	0.00	3,604	185.22	0.00
23.40	0.00	3,604	185.22	0.00
23.50	0.00	3,604	185.22	0.00
23.60	0.00	3,604	185.22	0.00
23.70	0.00	3,604	185.22	0.00
23.80	0.00	3,604	185.22	0.00
23.90	0.00	3,604	185.22	0.00
24.00	0.00	3,604	185.22	0.00
24.10	0.00	3,604	185.22	0.00
24.20	0.00	3,604	185.22	0.00
24.30	0.00	3,604	185.22	0.00
24.40	0.00	3,604	185.22	0.00
24.50	0.00	3,604	185.22	0.00
24.60	0.00	3,604	185.22	0.00
24.70	0.00	3,604	185.22	0.00
24.80	0.00	3,604	185.22	0.00
24.90	0.00	3,604	185.22	0.00
25.00	0.00	3,604	185.22	0.00
25.10	0.00	3,604	185.22	0.00
25.20	0.00	3,604	185.22	0.00
25.30	0.00	3,604	185.22	0.00
25.40	0.00	3,604	185.22	0.00
25.50	0.00	3,604	185.22	0.00
25.60	0.00	3,604	185.22	0.00
25.70	0.00	3,604	185.22	0.00
25.80	0.00	3,604	185.22	0.00
25.90	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,604	185.22	0.00
26.10	0.00	3,604	185.22	0.00
26.20	0.00	3,604	185.22	0.00
26.30	0.00	3,604	185.22	0.00
26.40	0.00	3,604	185.22	0.00
26.50	0.00	3,604	185.22	0.00
26.60	0.00	3,604	185.22	0.00
26.70	0.00	3,604	185.22	0.00
26.80	0.00	3,604	185.22	0.00
26.90	0.00	3,604	185.22	0.00
27.00	0.00	3,604	185.22	0.00
27.10	0.00	3,604	185.22	0.00
27.20	0.00	3,604	185.22	0.00
27.30	0.00	3,604	185.22	0.00
27.40	0.00	3,604	185.22	0.00
27.50	0.00	3,604	185.22	0.00
27.60	0.00	3,604	185.22	0.00
27.70	0.00	3,604	185.22	0.00
27.80	0.00	3,604	185.22	0.00
27.90	0.00	3,604	185.22	0.00
28.00	0.00	3,604	185.22	0.00
28.10	0.00	3,604	185.22	0.00
28.20	0.00	3,604	185.22	0.00
28.30	0.00	3,604	185.22	0.00
28.40	0.00	3,604	185.22	0.00
28.50	0.00	3,604	185.22	0.00
28.60	0.00	3,604	185.22	0.00
28.70	0.00	3,604	185.22	0.00
28.80	0.00	3,604	185.22	0.00
28.90	0.00	3,604	185.22	0.00
29.00	0.00	3,604	185.22	0.00
29.10	0.00	3,604	185.22	0.00
29.20	0.00	3,604	185.22	0.00
29.30	0.00	3,604	185.22	0.00
29.40	0.00	3,604	185.22	0.00
29.50	0.00	3,604	185.22	0.00
29.60	0.00	3,604	185.22	0.00
29.70	0.00	3,604	185.22	0.00
29.80	0.00	3,604	185.22	0.00
29.90	0.00	3,604	185.22	0.00
30.00	0.00	3,604	185.22	0.00
30.10	0.00	3,604	185.22	0.00
30.20	0.00	3,604	185.22	0.00
30.30	0.00	3,604	185.22	0.00
30.40	0.00	3,604	185.22	0.00
30.50	0.00	3,604	185.22	0.00
30.60	0.00	3,604	185.22	0.00
30.70	0.00	3,604	185.22	0.00
30.80	0.00	3,604	185.22	0.00
30.90	0.00	3,604	185.22	0.00
31.00	0.00	3,604	185.22	0.00
31.10	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,604	185.22	0.00
31.30	0.00	3,604	185.22	0.00
31.40	0.00	3,604	185.22	0.00
31.50	0.00	3,604	185.22	0.00
31.60	0.00	3,604	185.22	0.00
31.70	0.00	3,604	185.22	0.00
31.80	0.00	3,604	185.22	0.00
31.90	0.00	3,604	185.22	0.00
32.00	0.00	3,604	185.22	0.00
32.10	0.00	3,604	185.22	0.00
32.20	0.00	3,604	185.22	0.00
32.30	0.00	3,604	185.22	0.00
32.40	0.00	3,604	185.22	0.00
32.50	0.00	3,604	185.22	0.00
32.60	0.00	3,604	185.22	0.00
32.70	0.00	3,604	185.22	0.00
32.80	0.00	3,604	185.22	0.00
32.90	0.00	3,604	185.22	0.00
33.00	0.00	3,604	185.22	0.00
33.10	0.00	3,604	185.22	0.00
33.20	0.00	3,604	185.22	0.00
33.30	0.00	3,604	185.22	0.00
33.40	0.00	3,604	185.22	0.00
33.50	0.00	3,604	185.22	0.00
33.60	0.00	3,604	185.22	0.00
33.70	0.00	3,604	185.22	0.00
33.80	0.00	3,604	185.22	0.00
33.90	0.00	3,604	185.22	0.00
34.00	0.00	3,604	185.22	0.00
34.10	0.00	3,604	185.22	0.00
34.20	0.00	3,604	185.22	0.00
34.30	0.00	3,604	185.22	0.00
34.40	0.00	3,604	185.22	0.00
34.50	0.00	3,604	185.22	0.00
34.60	0.00	3,604	185.22	0.00
34.70	0.00	3,604	185.22	0.00
34.80	0.00	3,604	185.22	0.00
34.90	0.00	3,604	185.22	0.00
35.00	0.00	3,604	185.22	0.00
35.10	0.00	3,604	185.22	0.00
35.20	0.00	3,604	185.22	0.00
35.30	0.00	3,604	185.22	0.00
35.40	0.00	3,604	185.22	0.00
35.50	0.00	3,604	185.22	0.00
35.60	0.00	3,604	185.22	0.00
35.70	0.00	3,604	185.22	0.00
35.80	0.00	3,604	185.22	0.00
35.90	0.00	3,604	185.22	0.00
36.00	0.00	3,604	185.22	0.00
36.10	0.00	3,604	185.22	0.00
36.20	0.00	3,604	185.22	0.00
36.30	0.00	3,604	185.22	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,604	185.22	0.00
36.50	0.00	3,604	185.22	0.00
36.60	0.00	3,604	185.22	0.00
36.70	0.00	3,604	185.22	0.00
36.80	0.00	3,604	185.22	0.00
36.90	0.00	3,604	185.22	0.00
37.00	0.00	3,604	185.22	0.00
37.10	0.00	3,604	185.22	0.00
37.20	0.00	3,604	185.22	0.00
37.30	0.00	3,604	185.22	0.00
37.40	0.00	3,604	185.22	0.00
37.50	0.00	3,604	185.22	0.00
37.60	0.00	3,604	185.22	0.00
37.70	0.00	3,604	185.22	0.00
37.80	0.00	3,604	185.22	0.00
37.90	0.00	3,604	185.22	0.00
38.00	0.00	3,604	185.22	0.00
38.10	0.00	3,604	185.22	0.00
38.20	0.00	3,604	185.22	0.00
38.30	0.00	3,604	185.22	0.00
38.40	0.00	3,604	185.22	0.00
38.50	0.00	3,604	185.22	0.00
38.60	0.00	3,604	185.22	0.00
38.70	0.00	3,604	185.22	0.00
38.80	0.00	3,604	185.22	0.00
38.90	0.00	3,604	185.22	0.00
39.00	0.00	3,604	185.22	0.00
39.10	0.00	3,604	185.22	0.00
39.20	0.00	3,604	185.22	0.00
39.30	0.00	3,604	185.22	0.00
39.40	0.00	3,604	185.22	0.00
39.50	0.00	3,604	185.22	0.00
39.60	0.00	3,604	185.22	0.00
39.70	0.00	3,604	185.22	0.00
39.80	0.00	3,604	185.22	0.00
39.90	0.00	3,604	185.22	0.00
40.00	0.00	3,604	185.22	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.00	185.04	0.00	185.56	0.08
184.01	0.00	184.53	0.00	185.05	0.00	185.57	0.08
184.02	0.00	184.54	0.00	185.06	0.00	185.58	0.08
184.03	0.00	184.55	0.00	185.07	0.00	185.59	0.08
184.04	0.00	184.56	0.00	185.08	0.00	185.60	0.09
184.05	0.00	184.57	0.00	185.09	0.00	185.61	0.09
184.06	0.00	184.58	0.00	185.10	0.00	185.62	0.09
184.07	0.00	184.59	0.00	185.11	0.00	185.63	0.09
184.08	0.00	184.60	0.00	185.12	0.00	185.64	0.09
184.09	0.00	184.61	0.00	185.13	0.00	185.65	0.09
184.10	0.00	184.62	0.00	185.14	0.00	185.66	0.10
184.11	0.00	184.63	0.00	185.15	0.00	185.67	0.10
184.12	0.00	184.64	0.00	185.16	0.00	185.68	0.10
184.13	0.00	184.65	0.00	185.17	0.00	185.69	0.10
184.14	0.00	184.66	0.00	185.18	0.00	185.70	0.10
184.15	0.00	184.67	0.00	185.19	0.00	185.71	0.10
184.16	0.00	184.68	0.00	185.20	0.00	185.72	0.10
184.17	0.00	184.69	0.00	185.21	0.00	185.73	0.10
184.18	0.00	184.70	0.00	185.22	0.00	185.74	0.11
184.19	0.00	184.71	0.00	185.23	0.00	185.75	0.11
184.20	0.00	184.72	0.00	185.24	0.00	185.76	0.11
184.21	0.00	184.73	0.00	185.25	0.00	185.77	0.11
184.22	0.00	184.74	0.00	185.26	0.00	185.78	0.11
184.23	0.00	184.75	0.00	185.27	0.00	185.79	0.11
184.24	0.00	184.76	0.00	185.28	0.01	185.80	0.11
184.25	0.00	184.77	0.00	185.29	0.01	185.81	0.11
184.26	0.00	184.78	0.00	185.30	0.01	185.82	0.12
184.27	0.00	184.79	0.00	185.31	0.01	185.83	0.12
184.28	0.00	184.80	0.00	185.32	0.02	185.84	0.12
184.29	0.00	184.81	0.00	185.33	0.02	185.85	0.12
184.30	0.00	184.82	0.00	185.34	0.02	185.86	0.12
184.31	0.00	184.83	0.00	185.35	0.03	185.87	0.12
184.32	0.00	184.84	0.00	185.36	0.03	185.88	0.12
184.33	0.00	184.85	0.00	185.37	0.03	185.89	0.12
184.34	0.00	184.86	0.00	185.38	0.04	185.90	0.12
184.35	0.00	184.87	0.00	185.39	0.04	185.91	0.13
184.36	0.00	184.88	0.00	185.40	0.05	185.92	0.13
184.37	0.00	184.89	0.00	185.41	0.05	185.93	0.13
184.38	0.00	184.90	0.00	185.42	0.05	185.94	0.13
184.39	0.00	184.91	0.00	185.43	0.05	185.95	0.13
184.40	0.00	184.92	0.00	185.44	0.06	185.96	0.13
184.41	0.00	184.93	0.00	185.45	0.06	185.97	0.13
184.42	0.00	184.94	0.00	185.46	0.06	185.98	0.13
184.43	0.00	184.95	0.00	185.47	0.06	185.99	0.13
184.44	0.00	184.96	0.00	185.48	0.06	186.00	0.13
184.45	0.00	184.97	0.00	185.49	0.07	186.01	0.14
184.46	0.00	184.98	0.00	185.50	0.07	186.02	0.14
184.47	0.00	184.99	0.00	185.51	0.07	186.03	0.14
184.48	0.00	185.00	0.00	185.52	0.07	186.04	0.14
184.49	0.00	185.01	0.00	185.53	0.07	186.05	0.14
184.50	0.00	185.02	0.00	185.54	0.08	186.06	0.14
184.51	0.00	185.03	0.00	185.55	0.08	186.07	0.14

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.14	186.60	2.85	187.12	10.37	187.64	14.46
186.09	0.14	186.61	2.96	187.13	10.54	187.65	14.49
186.10	0.14	186.62	3.08	187.14	10.71	187.66	14.51
186.11	0.15	186.63	3.19	187.15	10.89	187.67	14.54
186.12	0.15	186.64	3.31	187.16	11.06	187.68	14.56
186.13	0.15	186.65	3.43	187.17	11.23	187.69	14.59
186.14	0.15	186.66	3.55	187.18	11.41	187.70	14.61
186.15	0.15	186.67	3.68	187.19	11.58	187.71	14.64
186.16	0.15	186.68	3.80	187.20	11.76	187.72	14.66
186.17	0.15	186.69	3.93	187.21	11.94	187.73	14.69
186.18	0.15	186.70	4.05	187.22	12.12	187.74	14.71
186.19	0.15	186.71	4.18	187.23	12.29	187.75	14.74
186.20	0.15	186.72	4.31	187.24	12.47	187.76	14.88
186.21	0.15	186.73	4.44	187.25	12.65	187.77	15.12
186.22	0.16	186.74	4.57	187.26	12.83	187.78	15.42
186.23	0.16	186.75	4.70	187.27	13.02	187.79	15.77
186.24	0.16	186.76	4.84	187.28	13.20	187.80	16.17
186.25	0.16	186.77	4.97	187.29	13.38	187.81	16.61
186.26	0.17	186.78	5.11	187.30	13.57	187.82	17.08
186.27	0.20	186.79	5.25	187.31	13.61	187.83	17.59
186.28	0.23	186.80	5.39	187.32	13.64	187.84	18.13
186.29	0.27	186.81	5.53	187.33	13.67	187.85	18.70
186.30	0.31	186.82	5.67	187.34	13.69	187.86	19.30
186.31	0.35	186.83	5.81	187.35	13.72	187.87	19.92
186.32	0.41	186.84	5.95	187.36	13.75	187.88	20.57
186.33	0.46	186.85	6.10	187.37	13.77	187.89	21.25
186.34	0.52	186.86	6.24	187.38	13.80	187.90	21.95
186.35	0.58	186.87	6.39	187.39	13.83	187.91	22.67
186.36	0.64	186.88	6.54	187.40	13.85	187.92	23.42
186.37	0.71	186.89	6.69	187.41	13.88	187.93	24.19
186.38	0.78	186.90	6.84	187.42	13.90	187.94	24.98
186.39	0.85	186.91	6.99	187.43	13.93	187.95	25.79
186.40	0.92	186.92	7.14	187.44	13.96	187.96	26.66
186.41	1.00	186.93	7.29	187.45	13.98	187.97	27.55
186.42	1.08	186.94	7.45	187.46	14.01	187.98	28.47
186.43	1.16	186.95	7.60	187.47	14.03	187.99	29.42
186.44	1.25	186.96	7.76	187.48	14.06	188.00	30.39
186.45	1.33	186.97	7.91	187.49	14.08		
186.46	1.42	186.98	8.07	187.50	14.11		
186.47	1.51	186.99	8.23	187.51	14.14		
186.48	1.60	187.00	8.39	187.52	14.16		
186.49	1.70	187.01	8.55	187.53	14.19		
186.50	1.79	187.02	8.71	187.54	14.21		
186.51	1.89	187.03	8.87	187.55	14.24		
186.52	1.99	187.04	9.04	187.56	14.26		
186.53	2.09	187.05	9.20	187.57	14.29		
186.54	2.19	187.06	9.37	187.58	14.31		
186.55	2.30	187.07	9.53	187.59	14.34		
186.56	2.41	187.08	9.70	187.60	14.36		
186.57	2.51	187.09	9.87	187.61	14.39		
186.58	2.62	187.10	10.03	187.62	14.41		
186.59	2.73	187.11	10.20	187.63	14.44		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	2,481	0	184.52	2,890	1,397
184.01	2,489	25	184.53	2,898	1,425
184.02	2,497	50	184.54	2,906	1,454
184.03	2,505	75	184.55	2,914	1,484
184.04	2,512	100	184.56	2,922	1,513
184.05	2,520	125	184.57	2,930	1,542
184.06	2,528	150	184.58	2,937	1,571
184.07	2,536	176	184.59	2,945	1,601
184.08	2,544	201	184.60	2,953	1,630
184.09	2,552	226	184.61	2,961	1,660
184.10	2,560	252	184.62	2,969	1,689
184.11	2,568	278	184.63	2,977	1,719
184.12	2,575	303	184.64	2,985	1,749
184.13	2,583	329	184.65	2,993	1,779
184.14	2,591	355	184.66	3,000	1,809
184.15	2,599	381	184.67	3,008	1,839
184.16	2,607	407	184.68	3,016	1,869
184.17	2,615	433	184.69	3,024	1,899
184.18	2,623	459	184.70	3,032	1,930
184.19	2,631	486	184.71	3,040	1,960
184.20	2,638	512	184.72	3,048	1,990
184.21	2,646	538	184.73	3,056	2,021
184.22	2,654	565	184.74	3,063	2,051
184.23	2,662	591	184.75	3,071	2,082
184.24	2,670	618	184.76	3,079	2,113
184.25	2,678	645	184.77	3,087	2,144
184.26	2,686	672	184.78	3,095	2,175
184.27	2,693	699	184.79	3,103	2,206
184.28	2,701	726	184.80	3,111	2,237
184.29	2,709	753	184.81	3,118	2,268
184.30	2,717	780	184.82	3,126	2,299
184.31	2,725	807	184.83	3,134	2,330
184.32	2,733	834	184.84	3,142	2,362
184.33	2,741	862	184.85	3,150	2,393
184.34	2,749	889	184.86	3,158	2,425
184.35	2,756	917	184.87	3,166	2,456
184.36	2,764	944	184.88	3,174	2,488
184.37	2,772	972	184.89	3,181	2,520
184.38	2,780	1,000	184.90	3,189	2,552
184.39	2,788	1,027	184.91	3,197	2,584
184.40	2,796	1,055	184.92	3,205	2,616
184.41	2,804	1,083	184.93	3,213	2,648
184.42	2,812	1,111	184.94	3,221	2,680
184.43	2,819	1,140	184.95	3,229	2,712
184.44	2,827	1,168	184.96	3,237	2,744
184.45	2,835	1,196	184.97	3,244	2,777
184.46	2,843	1,225	184.98	3,252	2,809
184.47	2,851	1,253	184.99	3,260	2,842
184.48	2,859	1,282	185.00	3,268	2,875
184.49	2,867	1,310	185.01	3,276	2,907
184.50	2,875	1,339	185.02	3,285	2,940
184.51	2,882	1,368	185.03	3,293	2,973

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	3,302	3,006	185.56	3,740	4,837
185.05	3,310	3,039	185.57	3,749	4,874
185.06	3,319	3,072	185.58	3,757	4,912
185.07	3,327	3,105	185.59	3,765	4,949
185.08	3,335	3,139	185.60	3,774	4,987
185.09	3,344	3,172	185.61	3,782	5,025
185.10	3,352	3,206	185.62	3,791	5,063
185.11	3,361	3,239	185.63	3,799	5,101
185.12	3,369	3,273	185.64	3,808	5,139
185.13	3,378	3,306	185.65	3,816	5,177
185.14	3,386	3,340	185.66	3,824	5,215
185.15	3,394	3,374	185.67	3,833	5,253
185.16	3,403	3,408	185.68	3,841	5,292
185.17	3,411	3,442	185.69	3,850	5,330
185.18	3,420	3,476	185.70	3,858	5,369
185.19	3,428	3,511	185.71	3,867	5,407
185.20	3,437	3,545	185.72	3,875	5,446
185.21	3,445	3,579	185.73	3,883	5,485
185.22	3,453	3,614	185.74	3,892	5,524
185.23	3,462	3,648	185.75	3,900	5,563
185.24	3,470	3,683	185.76	3,909	5,602
185.25	3,479	3,718	185.77	3,917	5,641
185.26	3,487	3,753	185.78	3,926	5,680
185.27	3,496	3,788	185.79	3,934	5,719
185.28	3,504	3,823	185.80	3,942	5,759
185.29	3,512	3,858	185.81	3,951	5,798
185.30	3,521	3,893	185.82	3,959	5,838
185.31	3,529	3,928	185.83	3,968	5,877
185.32	3,538	3,963	185.84	3,976	5,917
185.33	3,546	3,999	185.85	3,985	5,957
185.34	3,555	4,034	185.86	3,993	5,997
185.35	3,563	4,070	185.87	4,001	6,037
185.36	3,571	4,106	185.88	4,010	6,077
185.37	3,580	4,141	185.89	4,018	6,117
185.38	3,588	4,177	185.90	4,027	6,157
185.39	3,597	4,213	185.91	4,035	6,197
185.40	3,605	4,249	185.92	4,044	6,238
185.41	3,614	4,285	185.93	4,052	6,278
185.42	3,622	4,321	185.94	4,060	6,319
185.43	3,630	4,358	185.95	4,069	6,360
185.44	3,639	4,394	185.96	4,077	6,400
185.45	3,647	4,430	185.97	4,086	6,441
185.46	3,656	4,467	185.98	4,094	6,482
185.47	3,664	4,504	185.99	4,103	6,523
185.48	3,673	4,540	186.00	4,111	6,564
185.49	3,681	4,577	186.01	4,120	6,605
185.50	3,690	4,614	186.02	4,129	6,646
185.51	3,698	4,651	186.03	4,138	6,688
185.52	3,706	4,688	186.04	4,147	6,729
185.53	3,715	4,725	186.05	4,156	6,771
185.54	3,723	4,762	186.06	4,165	6,812
185.55	3,732	4,799	186.07	4,174	6,854

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	4,183	6,896	186.60	4,650	9,192
186.09	4,192	6,938	186.61	4,659	9,239
186.10	4,201	6,980	186.62	4,668	9,286
186.11	4,210	7,022	186.63	4,677	9,332
186.12	4,219	7,064	186.64	4,686	9,379
186.13	4,228	7,106	186.65	4,695	9,426
186.14	4,237	7,148	186.66	4,704	9,473
186.15	4,246	7,191	186.67	4,713	9,520
186.16	4,255	7,233	186.68	4,722	9,567
186.17	4,264	7,276	186.69	4,731	9,615
186.18	4,273	7,319	186.70	4,740	9,662
186.19	4,282	7,361	186.71	4,749	9,709
186.20	4,291	7,404	186.72	4,758	9,757
186.21	4,300	7,447	186.73	4,767	9,805
186.22	4,309	7,490	186.74	4,776	9,852
186.23	4,318	7,533	186.75	4,785	9,900
186.24	4,327	7,577	186.76	4,794	9,948
186.25	4,336	7,620	186.77	4,803	9,996
186.26	4,345	7,663	186.78	4,812	10,044
186.27	4,354	7,707	186.79	4,821	10,092
186.28	4,363	7,750	186.80	4,830	10,140
186.29	4,372	7,794	186.81	4,839	10,189
186.30	4,381	7,838	186.82	4,848	10,237
186.31	4,390	7,882	186.83	4,857	10,286
186.32	4,399	7,926	186.84	4,866	10,334
186.33	4,408	7,970	186.85	4,875	10,383
186.34	4,417	8,014	186.86	4,884	10,432
186.35	4,426	8,058	186.87	4,893	10,481
186.36	4,435	8,102	186.88	4,902	10,530
186.37	4,444	8,147	186.89	4,911	10,579
186.38	4,453	8,191	186.90	4,920	10,628
186.39	4,462	8,236	186.91	4,929	10,677
186.40	4,471	8,280	186.92	4,938	10,727
186.41	4,480	8,325	186.93	4,947	10,776
186.42	4,489	8,370	186.94	4,956	10,826
186.43	4,498	8,415	186.95	4,965	10,875
186.44	4,507	8,460	186.96	4,974	10,925
186.45	4,516	8,505	186.97	4,983	10,975
186.46	4,525	8,550	186.98	4,992	11,024
186.47	4,534	8,595	186.99	5,001	11,074
186.48	4,543	8,641	187.00	5,010	11,125
186.49	4,552	8,686	187.01	5,020	11,175
186.50	4,561	8,732	187.02	5,029	11,225
186.51	4,569	8,778	187.03	5,039	11,275
186.52	4,578	8,823	187.04	5,048	11,326
186.53	4,587	8,869	187.05	5,058	11,376
186.54	4,596	8,915	187.06	5,067	11,427
186.55	4,605	8,961	187.07	5,077	11,478
186.56	4,614	9,007	187.08	5,086	11,528
186.57	4,623	9,053	187.09	5,096	11,579
186.58	4,632	9,100	187.10	5,106	11,630
186.59	4,641	9,146	187.11	5,115	11,681

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	5,125	11,733	187.64	5,622	14,527
187.13	5,134	11,784	187.65	5,631	14,583
187.14	5,144	11,835	187.66	5,641	14,639
187.15	5,153	11,887	187.67	5,651	14,696
187.16	5,163	11,938	187.68	5,660	14,752
187.17	5,173	11,990	187.69	5,670	14,809
187.18	5,182	12,042	187.70	5,679	14,866
187.19	5,192	12,094	187.71	5,689	14,923
187.20	5,201	12,146	187.72	5,698	14,979
187.21	5,211	12,198	187.73	5,708	15,037
187.22	5,220	12,250	187.74	5,717	15,094
187.23	5,230	12,302	187.75	5,727	15,151
187.24	5,239	12,354	187.76	5,737	15,208
187.25	5,249	12,407	187.77	5,746	15,266
187.26	5,259	12,459	187.78	5,756	15,323
187.27	5,268	12,512	187.79	5,765	15,381
187.28	5,278	12,565	187.80	5,775	15,438
187.29	5,287	12,618	187.81	5,784	15,496
187.30	5,297	12,671	187.82	5,794	15,554
187.31	5,306	12,724	187.83	5,803	15,612
187.32	5,316	12,777	187.84	5,813	15,670
187.33	5,325	12,830	187.85	5,823	15,728
187.34	5,335	12,883	187.86	5,832	15,787
187.35	5,345	12,937	187.87	5,842	15,845
187.36	5,354	12,990	187.88	5,851	15,903
187.37	5,364	13,044	187.89	5,861	15,962
187.38	5,373	13,097	187.90	5,870	16,021
187.39	5,383	13,151	187.91	5,880	16,079
187.40	5,392	13,205	187.92	5,890	16,138
187.41	5,402	13,259	187.93	5,899	16,197
187.42	5,412	13,313	187.94	5,909	16,256
187.43	5,421	13,367	187.95	5,918	16,315
187.44	5,431	13,421	187.96	5,928	16,375
187.45	5,440	13,476	187.97	5,937	16,434
187.46	5,450	13,530	187.98	5,947	16,493
187.47	5,459	13,585	187.99	5,956	16,553
187.48	5,469	13,639	188.00	5,966	16,613
187.49	5,478	13,694			
187.50	5,488	13,749			
187.51	5,498	13,804			
187.52	5,507	13,859			
187.53	5,517	13,914			
187.54	5,526	13,969			
187.55	5,536	14,025			
187.56	5,545	14,080			
187.57	5,555	14,136			
187.58	5,564	14,191			
187.59	5,574	14,247			
187.60	5,584	14,303			
187.61	5,593	14,358			
187.62	5,603	14,414			
187.63	5,612	14,471			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 0.30" for WQ Storm event
 Inflow = 1.17 cfs @ 1.16 hrs, Volume= 0.045 af
 Outflow = 0.00 cfs @ 2.50 hrs, Volume= 0.000 af, Atten= 100%, Lag= 80.3 min
 Primary = 0.00 cfs @ 2.50 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 191.42' @ 2.50 hrs Surf.Area= 4,794 sf Storage= 1,944 cf

Plug-Flow detention time= 1,021.4 min calculated for 0.000 af (1% of inflow)
 Center-of-Mass det. time= 977.1 min (1,054.4 - 77.3)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	25,913 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	4,390	0	0
192.00	5,343	4,867	4,867
193.00	6,353	5,848	10,715
194.00	7,419	6,886	17,601
195.00	9,205	8,312	25,913

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.42'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.25'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

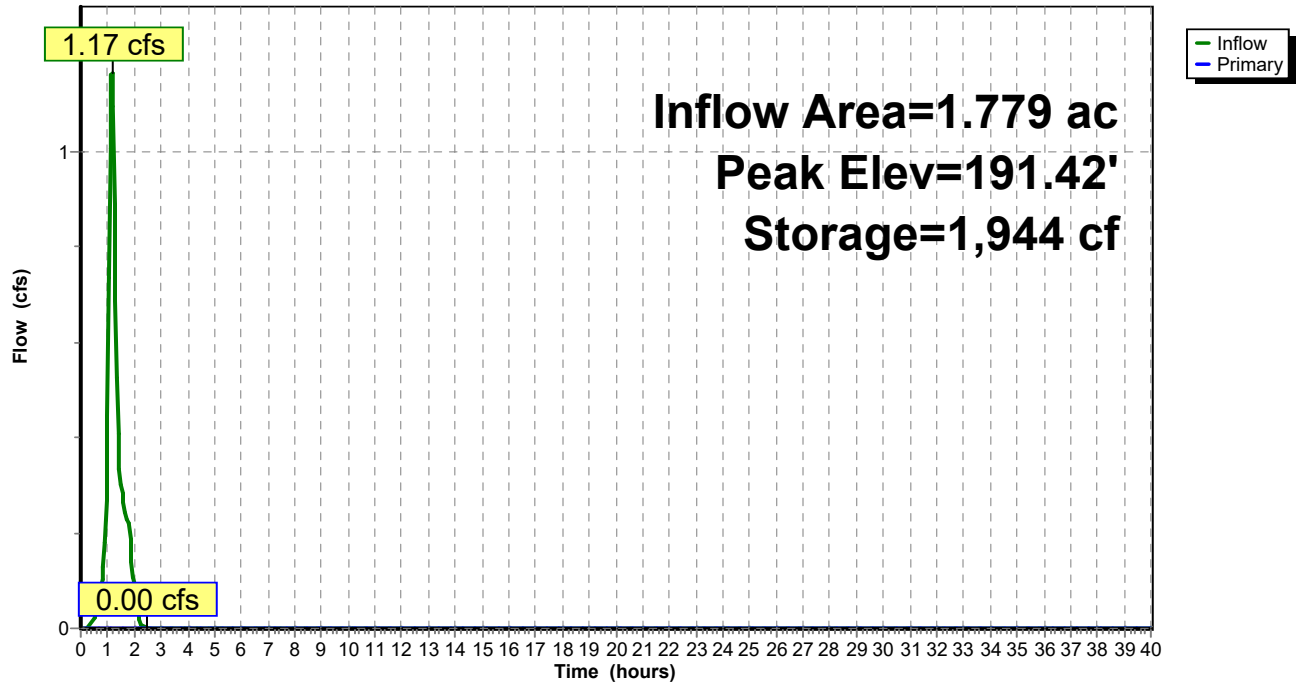
Primary OutFlow Max=0.00 cfs @ 2.50 hrs HW=191.42' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 7.54 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.20 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.02	3	191.00	0.00
0.60	0.04	14	191.00	0.00
0.70	0.08	36	191.01	0.00
0.80	0.10	68	191.02	0.00
0.90	0.18	117	191.03	0.00
1.00	0.45	221	191.05	0.00
1.10	1.01	484	191.11	0.00
1.20	1.10	883	191.20	0.00
1.30	0.69	1,204	191.27	0.00
1.40	0.41	1,397	191.31	0.00
1.50	0.30	1,522	191.33	0.00
1.60	0.27	1,624	191.36	0.00
1.70	0.23	1,712	191.37	0.00
1.80	0.22	1,793	191.39	0.00
1.90	0.14	1,859	191.41	0.00
2.00	0.09	1,899	191.41	0.00
2.10	0.06	1,927	191.42	0.00
2.20	0.02	1,941	191.42	0.00
2.30	0.00	1,944	191.42	0.00
2.40	0.00	1,944	191.42	0.00
2.50	0.00	1,945	191.42	0.00
2.60	0.00	1,944	191.42	0.00
2.70	0.00	1,944	191.42	0.00
2.80	0.00	1,944	191.42	0.00
2.90	0.00	1,944	191.42	0.00
3.00	0.00	1,944	191.42	0.00
3.10	0.00	1,944	191.42	0.00
3.20	0.00	1,944	191.42	0.00
3.30	0.00	1,944	191.42	0.00
3.40	0.00	1,944	191.42	0.00
3.50	0.00	1,944	191.42	0.00
3.60	0.00	1,944	191.42	0.00
3.70	0.00	1,944	191.42	0.00
3.80	0.00	1,944	191.42	0.00
3.90	0.00	1,944	191.42	0.00
4.00	0.00	1,944	191.42	0.00
4.10	0.00	1,944	191.42	0.00
4.20	0.00	1,944	191.42	0.00
4.30	0.00	1,944	191.42	0.00
4.40	0.00	1,944	191.42	0.00
4.50	0.00	1,944	191.42	0.00
4.60	0.00	1,943	191.42	0.00
4.70	0.00	1,943	191.42	0.00
4.80	0.00	1,943	191.42	0.00
4.90	0.00	1,943	191.42	0.00
5.00	0.00	1,943	191.42	0.00
5.10	0.00	1,943	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,943	191.42	0.00
5.30	0.00	1,943	191.42	0.00
5.40	0.00	1,943	191.42	0.00
5.50	0.00	1,943	191.42	0.00
5.60	0.00	1,943	191.42	0.00
5.70	0.00	1,943	191.42	0.00
5.80	0.00	1,943	191.42	0.00
5.90	0.00	1,943	191.42	0.00
6.00	0.00	1,943	191.42	0.00
6.10	0.00	1,943	191.42	0.00
6.20	0.00	1,943	191.42	0.00
6.30	0.00	1,943	191.42	0.00
6.40	0.00	1,943	191.42	0.00
6.50	0.00	1,943	191.42	0.00
6.60	0.00	1,943	191.42	0.00
6.70	0.00	1,943	191.42	0.00
6.80	0.00	1,942	191.42	0.00
6.90	0.00	1,942	191.42	0.00
7.00	0.00	1,942	191.42	0.00
7.10	0.00	1,942	191.42	0.00
7.20	0.00	1,942	191.42	0.00
7.30	0.00	1,942	191.42	0.00
7.40	0.00	1,942	191.42	0.00
7.50	0.00	1,942	191.42	0.00
7.60	0.00	1,942	191.42	0.00
7.70	0.00	1,942	191.42	0.00
7.80	0.00	1,942	191.42	0.00
7.90	0.00	1,942	191.42	0.00
8.00	0.00	1,942	191.42	0.00
8.10	0.00	1,942	191.42	0.00
8.20	0.00	1,942	191.42	0.00
8.30	0.00	1,942	191.42	0.00
8.40	0.00	1,942	191.42	0.00
8.50	0.00	1,942	191.42	0.00
8.60	0.00	1,942	191.42	0.00
8.70	0.00	1,942	191.42	0.00
8.80	0.00	1,942	191.42	0.00
8.90	0.00	1,942	191.42	0.00
9.00	0.00	1,942	191.42	0.00
9.10	0.00	1,942	191.42	0.00
9.20	0.00	1,941	191.42	0.00
9.30	0.00	1,941	191.42	0.00
9.40	0.00	1,941	191.42	0.00
9.50	0.00	1,941	191.42	0.00
9.60	0.00	1,941	191.42	0.00
9.70	0.00	1,941	191.42	0.00
9.80	0.00	1,941	191.42	0.00
9.90	0.00	1,941	191.42	0.00
10.00	0.00	1,941	191.42	0.00
10.10	0.00	1,941	191.42	0.00
10.20	0.00	1,941	191.42	0.00
10.30	0.00	1,941	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,941	191.42	0.00
10.50	0.00	1,941	191.42	0.00
10.60	0.00	1,941	191.42	0.00
10.70	0.00	1,941	191.42	0.00
10.80	0.00	1,941	191.42	0.00
10.90	0.00	1,941	191.42	0.00
11.00	0.00	1,941	191.42	0.00
11.10	0.00	1,941	191.42	0.00
11.20	0.00	1,941	191.42	0.00
11.30	0.00	1,941	191.42	0.00
11.40	0.00	1,941	191.42	0.00
11.50	0.00	1,941	191.42	0.00
11.60	0.00	1,941	191.42	0.00
11.70	0.00	1,940	191.42	0.00
11.80	0.00	1,940	191.42	0.00
11.90	0.00	1,940	191.42	0.00
12.00	0.00	1,940	191.42	0.00
12.10	0.00	1,940	191.42	0.00
12.20	0.00	1,940	191.42	0.00
12.30	0.00	1,940	191.42	0.00
12.40	0.00	1,940	191.42	0.00
12.50	0.00	1,940	191.42	0.00
12.60	0.00	1,940	191.42	0.00
12.70	0.00	1,940	191.42	0.00
12.80	0.00	1,940	191.42	0.00
12.90	0.00	1,940	191.42	0.00
13.00	0.00	1,940	191.42	0.00
13.10	0.00	1,940	191.42	0.00
13.20	0.00	1,940	191.42	0.00
13.30	0.00	1,940	191.42	0.00
13.40	0.00	1,940	191.42	0.00
13.50	0.00	1,940	191.42	0.00
13.60	0.00	1,940	191.42	0.00
13.70	0.00	1,940	191.42	0.00
13.80	0.00	1,940	191.42	0.00
13.90	0.00	1,940	191.42	0.00
14.00	0.00	1,940	191.42	0.00
14.10	0.00	1,940	191.42	0.00
14.20	0.00	1,940	191.42	0.00
14.30	0.00	1,940	191.42	0.00
14.40	0.00	1,939	191.42	0.00
14.50	0.00	1,939	191.42	0.00
14.60	0.00	1,939	191.42	0.00
14.70	0.00	1,939	191.42	0.00
14.80	0.00	1,939	191.42	0.00
14.90	0.00	1,939	191.42	0.00
15.00	0.00	1,939	191.42	0.00
15.10	0.00	1,939	191.42	0.00
15.20	0.00	1,939	191.42	0.00
15.30	0.00	1,939	191.42	0.00
15.40	0.00	1,939	191.42	0.00
15.50	0.00	1,939	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,939	191.42	0.00
15.70	0.00	1,939	191.42	0.00
15.80	0.00	1,939	191.42	0.00
15.90	0.00	1,939	191.42	0.00
16.00	0.00	1,939	191.42	0.00
16.10	0.00	1,939	191.42	0.00
16.20	0.00	1,939	191.42	0.00
16.30	0.00	1,939	191.42	0.00
16.40	0.00	1,939	191.42	0.00
16.50	0.00	1,939	191.42	0.00
16.60	0.00	1,939	191.42	0.00
16.70	0.00	1,939	191.42	0.00
16.80	0.00	1,939	191.42	0.00
16.90	0.00	1,939	191.42	0.00
17.00	0.00	1,939	191.42	0.00
17.10	0.00	1,939	191.42	0.00
17.20	0.00	1,939	191.42	0.00
17.30	0.00	1,939	191.42	0.00
17.40	0.00	1,938	191.42	0.00
17.50	0.00	1,938	191.42	0.00
17.60	0.00	1,938	191.42	0.00
17.70	0.00	1,938	191.42	0.00
17.80	0.00	1,938	191.42	0.00
17.90	0.00	1,938	191.42	0.00
18.00	0.00	1,938	191.42	0.00
18.10	0.00	1,938	191.42	0.00
18.20	0.00	1,938	191.42	0.00
18.30	0.00	1,938	191.42	0.00
18.40	0.00	1,938	191.42	0.00
18.50	0.00	1,938	191.42	0.00
18.60	0.00	1,938	191.42	0.00
18.70	0.00	1,938	191.42	0.00
18.80	0.00	1,938	191.42	0.00
18.90	0.00	1,938	191.42	0.00
19.00	0.00	1,938	191.42	0.00
19.10	0.00	1,938	191.42	0.00
19.20	0.00	1,938	191.42	0.00
19.30	0.00	1,938	191.42	0.00
19.40	0.00	1,938	191.42	0.00
19.50	0.00	1,938	191.42	0.00
19.60	0.00	1,938	191.42	0.00
19.70	0.00	1,938	191.42	0.00
19.80	0.00	1,938	191.42	0.00
19.90	0.00	1,938	191.42	0.00
20.00	0.00	1,938	191.42	0.00
20.10	0.00	1,938	191.42	0.00
20.20	0.00	1,938	191.42	0.00
20.30	0.00	1,938	191.42	0.00
20.40	0.00	1,938	191.42	0.00
20.50	0.00	1,938	191.42	0.00
20.60	0.00	1,938	191.42	0.00
20.70	0.00	1,937	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,937	191.42	0.00
20.90	0.00	1,937	191.42	0.00
21.00	0.00	1,937	191.42	0.00
21.10	0.00	1,937	191.42	0.00
21.20	0.00	1,937	191.42	0.00
21.30	0.00	1,937	191.42	0.00
21.40	0.00	1,937	191.42	0.00
21.50	0.00	1,937	191.42	0.00
21.60	0.00	1,937	191.42	0.00
21.70	0.00	1,937	191.42	0.00
21.80	0.00	1,937	191.42	0.00
21.90	0.00	1,937	191.42	0.00
22.00	0.00	1,937	191.42	0.00
22.10	0.00	1,937	191.42	0.00
22.20	0.00	1,937	191.42	0.00
22.30	0.00	1,937	191.42	0.00
22.40	0.00	1,937	191.42	0.00
22.50	0.00	1,937	191.42	0.00
22.60	0.00	1,937	191.42	0.00
22.70	0.00	1,937	191.42	0.00
22.80	0.00	1,937	191.42	0.00
22.90	0.00	1,937	191.42	0.00
23.00	0.00	1,937	191.42	0.00
23.10	0.00	1,937	191.42	0.00
23.20	0.00	1,937	191.42	0.00
23.30	0.00	1,937	191.42	0.00
23.40	0.00	1,937	191.42	0.00
23.50	0.00	1,937	191.42	0.00
23.60	0.00	1,937	191.42	0.00
23.70	0.00	1,937	191.42	0.00
23.80	0.00	1,937	191.42	0.00
23.90	0.00	1,937	191.42	0.00
24.00	0.00	1,937	191.42	0.00
24.10	0.00	1,937	191.42	0.00
24.20	0.00	1,937	191.42	0.00
24.30	0.00	1,936	191.42	0.00
24.40	0.00	1,936	191.42	0.00
24.50	0.00	1,936	191.42	0.00
24.60	0.00	1,936	191.42	0.00
24.70	0.00	1,936	191.42	0.00
24.80	0.00	1,936	191.42	0.00
24.90	0.00	1,936	191.42	0.00
25.00	0.00	1,936	191.42	0.00
25.10	0.00	1,936	191.42	0.00
25.20	0.00	1,936	191.42	0.00
25.30	0.00	1,936	191.42	0.00
25.40	0.00	1,936	191.42	0.00
25.50	0.00	1,936	191.42	0.00
25.60	0.00	1,936	191.42	0.00
25.70	0.00	1,936	191.42	0.00
25.80	0.00	1,936	191.42	0.00
25.90	0.00	1,936	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,936	191.42	0.00
26.10	0.00	1,936	191.42	0.00
26.20	0.00	1,936	191.42	0.00
26.30	0.00	1,936	191.42	0.00
26.40	0.00	1,936	191.42	0.00
26.50	0.00	1,936	191.42	0.00
26.60	0.00	1,936	191.42	0.00
26.70	0.00	1,936	191.42	0.00
26.80	0.00	1,936	191.42	0.00
26.90	0.00	1,936	191.42	0.00
27.00	0.00	1,936	191.42	0.00
27.10	0.00	1,936	191.42	0.00
27.20	0.00	1,936	191.42	0.00
27.30	0.00	1,936	191.42	0.00
27.40	0.00	1,936	191.42	0.00
27.50	0.00	1,936	191.42	0.00
27.60	0.00	1,936	191.42	0.00
27.70	0.00	1,936	191.42	0.00
27.80	0.00	1,936	191.42	0.00
27.90	0.00	1,936	191.42	0.00
28.00	0.00	1,936	191.42	0.00
28.10	0.00	1,936	191.42	0.00
28.20	0.00	1,936	191.42	0.00
28.30	0.00	1,936	191.42	0.00
28.40	0.00	1,935	191.42	0.00
28.50	0.00	1,935	191.42	0.00
28.60	0.00	1,935	191.42	0.00
28.70	0.00	1,935	191.42	0.00
28.80	0.00	1,935	191.42	0.00
28.90	0.00	1,935	191.42	0.00
29.00	0.00	1,935	191.42	0.00
29.10	0.00	1,935	191.42	0.00
29.20	0.00	1,935	191.42	0.00
29.30	0.00	1,935	191.42	0.00
29.40	0.00	1,935	191.42	0.00
29.50	0.00	1,935	191.42	0.00
29.60	0.00	1,935	191.42	0.00
29.70	0.00	1,935	191.42	0.00
29.80	0.00	1,935	191.42	0.00
29.90	0.00	1,935	191.42	0.00
30.00	0.00	1,935	191.42	0.00
30.10	0.00	1,935	191.42	0.00
30.20	0.00	1,935	191.42	0.00
30.30	0.00	1,935	191.42	0.00
30.40	0.00	1,935	191.42	0.00
30.50	0.00	1,935	191.42	0.00
30.60	0.00	1,935	191.42	0.00
30.70	0.00	1,935	191.42	0.00
30.80	0.00	1,935	191.42	0.00
30.90	0.00	1,935	191.42	0.00
31.00	0.00	1,935	191.42	0.00
31.10	0.00	1,935	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,935	191.42	0.00
31.30	0.00	1,935	191.42	0.00
31.40	0.00	1,935	191.42	0.00
31.50	0.00	1,935	191.42	0.00
31.60	0.00	1,935	191.42	0.00
31.70	0.00	1,935	191.42	0.00
31.80	0.00	1,935	191.42	0.00
31.90	0.00	1,935	191.42	0.00
32.00	0.00	1,935	191.42	0.00
32.10	0.00	1,935	191.42	0.00
32.20	0.00	1,935	191.42	0.00
32.30	0.00	1,935	191.42	0.00
32.40	0.00	1,935	191.42	0.00
32.50	0.00	1,935	191.42	0.00
32.60	0.00	1,935	191.42	0.00
32.70	0.00	1,935	191.42	0.00
32.80	0.00	1,935	191.42	0.00
32.90	0.00	1,935	191.42	0.00
33.00	0.00	1,934	191.42	0.00
33.10	0.00	1,934	191.42	0.00
33.20	0.00	1,934	191.42	0.00
33.30	0.00	1,934	191.42	0.00
33.40	0.00	1,934	191.42	0.00
33.50	0.00	1,934	191.42	0.00
33.60	0.00	1,934	191.42	0.00
33.70	0.00	1,934	191.42	0.00
33.80	0.00	1,934	191.42	0.00
33.90	0.00	1,934	191.42	0.00
34.00	0.00	1,934	191.42	0.00
34.10	0.00	1,934	191.42	0.00
34.20	0.00	1,934	191.42	0.00
34.30	0.00	1,934	191.42	0.00
34.40	0.00	1,934	191.42	0.00
34.50	0.00	1,934	191.42	0.00
34.60	0.00	1,934	191.42	0.00
34.70	0.00	1,934	191.42	0.00
34.80	0.00	1,934	191.42	0.00
34.90	0.00	1,934	191.42	0.00
35.00	0.00	1,934	191.42	0.00
35.10	0.00	1,934	191.42	0.00
35.20	0.00	1,934	191.42	0.00
35.30	0.00	1,934	191.42	0.00
35.40	0.00	1,934	191.42	0.00
35.50	0.00	1,934	191.42	0.00
35.60	0.00	1,934	191.42	0.00
35.70	0.00	1,934	191.42	0.00
35.80	0.00	1,934	191.42	0.00
35.90	0.00	1,934	191.42	0.00
36.00	0.00	1,934	191.42	0.00
36.10	0.00	1,934	191.42	0.00
36.20	0.00	1,934	191.42	0.00
36.30	0.00	1,934	191.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,934	191.42	0.00
36.50	0.00	1,934	191.42	0.00
36.60	0.00	1,934	191.42	0.00
36.70	0.00	1,934	191.42	0.00
36.80	0.00	1,934	191.42	0.00
36.90	0.00	1,934	191.42	0.00
37.00	0.00	1,934	191.42	0.00
37.10	0.00	1,934	191.42	0.00
37.20	0.00	1,934	191.42	0.00
37.30	0.00	1,934	191.42	0.00
37.40	0.00	1,934	191.42	0.00
37.50	0.00	1,934	191.42	0.00
37.60	0.00	1,934	191.42	0.00
37.70	0.00	1,934	191.42	0.00
37.80	0.00	1,934	191.42	0.00
37.90	0.00	1,934	191.42	0.00
38.00	0.00	1,934	191.42	0.00
38.10	0.00	1,934	191.42	0.00
38.20	0.00	1,934	191.42	0.00
38.30	0.00	1,934	191.42	0.00
38.40	0.00	1,933	191.42	0.00
38.50	0.00	1,933	191.42	0.00
38.60	0.00	1,933	191.42	0.00
38.70	0.00	1,933	191.42	0.00
38.80	0.00	1,933	191.42	0.00
38.90	0.00	1,933	191.42	0.00
39.00	0.00	1,933	191.42	0.00
39.10	0.00	1,933	191.42	0.00
39.20	0.00	1,933	191.42	0.00
39.30	0.00	1,933	191.42	0.00
39.40	0.00	1,933	191.42	0.00
39.50	0.00	1,933	191.42	0.00
39.60	0.00	1,933	191.42	0.00
39.70	0.00	1,933	191.42	0.00
39.80	0.00	1,933	191.42	0.00
39.90	0.00	1,933	191.42	0.00
40.00	0.00	1,933	191.42	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	1.59
191.01	0.00	191.53	0.02	192.05	0.12	192.57	1.69
191.02	0.00	191.54	0.02	192.06	0.12	192.58	1.78
191.03	0.00	191.55	0.03	192.07	0.12	192.59	1.88
191.04	0.00	191.56	0.03	192.08	0.12	192.60	1.98
191.05	0.00	191.57	0.03	192.09	0.12	192.61	2.08
191.06	0.00	191.58	0.04	192.10	0.12	192.62	2.18
191.07	0.00	191.59	0.04	192.11	0.13	192.63	2.29
191.08	0.00	191.60	0.05	192.12	0.13	192.64	2.40
191.09	0.00	191.61	0.05	192.13	0.13	192.65	2.50
191.10	0.00	191.62	0.05	192.14	0.13	192.66	2.61
191.11	0.00	191.63	0.05	192.15	0.13	192.67	2.72
191.12	0.00	191.64	0.06	192.16	0.13	192.68	2.84
191.13	0.00	191.65	0.06	192.17	0.13	192.69	2.95
191.14	0.00	191.66	0.06	192.18	0.13	192.70	3.07
191.15	0.00	191.67	0.06	192.19	0.13	192.71	3.18
191.16	0.00	191.68	0.06	192.20	0.13	192.72	3.30
191.17	0.00	191.69	0.07	192.21	0.14	192.73	3.42
191.18	0.00	191.70	0.07	192.22	0.14	192.74	3.54
191.19	0.00	191.71	0.07	192.23	0.14	192.75	3.67
191.20	0.00	191.72	0.07	192.24	0.14	192.76	3.79
191.21	0.00	191.73	0.07	192.25	0.14	192.77	3.92
191.22	0.00	191.74	0.08	192.26	0.14	192.78	4.04
191.23	0.00	191.75	0.08	192.27	0.14	192.79	4.17
191.24	0.00	191.76	0.08	192.28	0.14	192.80	4.30
191.25	0.00	191.77	0.08	192.29	0.14	192.81	4.43
191.26	0.00	191.78	0.08	192.30	0.14	192.82	4.56
191.27	0.00	191.79	0.08	192.31	0.15	192.83	4.70
191.28	0.00	191.80	0.09	192.32	0.15	192.84	4.83
191.29	0.00	191.81	0.09	192.33	0.15	192.85	4.97
191.30	0.00	191.82	0.09	192.34	0.16	192.86	5.10
191.31	0.00	191.83	0.09	192.35	0.19	192.87	5.24
191.32	0.00	191.84	0.09	192.36	0.22	192.88	5.38
191.33	0.00	191.85	0.09	192.37	0.26	192.89	5.52
191.34	0.00	191.86	0.10	192.38	0.30	192.90	5.66
191.35	0.00	191.87	0.10	192.39	0.34	192.91	5.80
191.36	0.00	191.88	0.10	192.40	0.40	192.92	5.95
191.37	0.00	191.89	0.10	192.41	0.45	192.93	6.09
191.38	0.00	191.90	0.10	192.42	0.51	192.94	6.24
191.39	0.00	191.91	0.10	192.43	0.57	192.95	6.38
191.40	0.00	191.92	0.10	192.44	0.63	192.96	6.53
191.41	0.00	191.93	0.10	192.45	0.70	192.97	6.68
191.42	0.00	191.94	0.11	192.46	0.77	192.98	6.83
191.43	0.00	191.95	0.11	192.47	0.84	192.99	6.98
191.44	0.00	191.96	0.11	192.48	0.91	193.00	7.13
191.45	0.00	191.97	0.11	192.49	0.99	193.01	7.29
191.46	0.00	191.98	0.11	192.50	1.07	193.02	7.44
191.47	0.00	191.99	0.11	192.51	1.15	193.03	7.59
191.48	0.01	192.00	0.11	192.52	1.24	193.04	7.75
191.49	0.01	192.01	0.11	192.53	1.32	193.05	7.91
191.50	0.01	192.02	0.12	192.54	1.41	193.06	8.06
191.51	0.01	192.03	0.12	192.55	1.50	193.07	8.22

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	8.38	193.60	13.35	194.12	14.48	194.64	46.44
193.09	8.54	193.61	13.37	194.13	14.50	194.65	47.78
193.10	8.70	193.62	13.40	194.14	14.52	194.66	49.16
193.11	8.87	193.63	13.42	194.15	14.54	194.67	50.57
193.12	9.03	193.64	13.44	194.16	14.56	194.68	52.01
193.13	9.19	193.65	13.46	194.17	14.58	194.69	53.47
193.14	9.36	193.66	13.49	194.18	14.60	194.70	54.96
193.15	9.52	193.67	13.51	194.19	14.62	194.71	56.48
193.16	9.69	193.68	13.53	194.20	14.64	194.72	58.02
193.17	9.86	193.69	13.55	194.21	14.67	194.73	59.59
193.18	10.03	193.70	13.57	194.22	14.69	194.74	61.18
193.19	10.19	193.71	13.60	194.23	14.71	194.75	62.80
193.20	10.36	193.72	13.62	194.24	14.73	194.76	64.45
193.21	10.54	193.73	13.64	194.25	14.75	194.77	66.12
193.22	10.71	193.74	13.66	194.26	14.89	194.78	67.83
193.23	10.88	193.75	13.69	194.27	15.12	194.79	69.55
193.24	11.05	193.76	13.71	194.28	15.42	194.80	71.31
193.25	11.23	193.77	13.73	194.29	15.77	194.81	73.09
193.26	11.40	193.78	13.75	194.30	16.16	194.82	74.89
193.27	11.58	193.79	13.77	194.31	16.59	194.83	76.73
193.28	11.75	193.80	13.80	194.32	17.06	194.84	78.59
193.29	11.93	193.81	13.82	194.33	17.57	194.85	80.48
193.30	12.11	193.82	13.84	194.34	18.10	194.86	82.12
193.31	12.29	193.83	13.86	194.35	18.67	194.87	83.78
193.32	12.47	193.84	13.88	194.36	19.26	194.88	85.46
193.33	12.65	193.85	13.90	194.37	19.88	194.89	87.14
193.34	12.75	193.86	13.93	194.38	20.53	194.90	88.84
193.35	12.77	193.87	13.95	194.39	21.20	194.91	90.56
193.36	12.80	193.88	13.97	194.40	21.90	194.92	92.28
193.37	12.82	193.89	13.99	194.41	22.62	194.93	94.02
193.38	12.84	193.90	14.01	194.42	23.36	194.94	95.77
193.39	12.87	193.91	14.03	194.43	24.12	194.95	97.54
193.40	12.89	193.92	14.06	194.44	24.91	194.96	99.31
193.41	12.91	193.93	14.08	194.45	25.72	194.97	101.10
193.42	12.94	193.94	14.10	194.46	26.58	194.98	102.91
193.43	12.96	193.95	14.12	194.47	27.48	194.99	104.72
193.44	12.98	193.96	14.14	194.48	28.39	195.00	106.55
193.45	13.01	193.97	14.16	194.49	29.34		
193.46	13.03	193.98	14.18	194.50	30.30		
193.47	13.05	193.99	14.21	194.51	31.30		
193.48	13.08	194.00	14.23	194.52	32.32		
193.49	13.10	194.01	14.25	194.53	33.36		
193.50	13.12	194.02	14.27	194.54	34.43		
193.51	13.14	194.03	14.29	194.55	35.52		
193.52	13.17	194.04	14.31	194.56	36.64		
193.53	13.19	194.05	14.33	194.57	37.78		
193.54	13.21	194.06	14.35	194.58	38.94		
193.55	13.24	194.07	14.37	194.59	40.13		
193.56	13.26	194.08	14.40	194.60	41.34		
193.57	13.28	194.09	14.42	194.61	42.58		
193.58	13.30	194.10	14.44	194.62	43.84		
193.59	13.33	194.11	14.46	194.63	45.13		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	4,390	0	191.52	4,886	2,412
191.01	4,400	44	191.53	4,895	2,461
191.02	4,409	88	191.54	4,905	2,510
191.03	4,419	132	191.55	4,914	2,559
191.04	4,428	176	191.56	4,924	2,608
191.05	4,438	221	191.57	4,933	2,657
191.06	4,447	265	191.58	4,943	2,706
191.07	4,457	310	191.59	4,952	2,756
191.08	4,466	354	191.60	4,962	2,806
191.09	4,476	399	191.61	4,971	2,855
191.10	4,485	444	191.62	4,981	2,905
191.11	4,495	489	191.63	4,990	2,955
191.12	4,504	534	191.64	5,000	3,005
191.13	4,514	579	191.65	5,009	3,055
191.14	4,523	624	191.66	5,019	3,105
191.15	4,533	669	191.67	5,029	3,155
191.16	4,542	715	191.68	5,038	3,206
191.17	4,552	760	191.69	5,048	3,256
191.18	4,562	806	191.70	5,057	3,306
191.19	4,571	851	191.71	5,067	3,357
191.20	4,581	897	191.72	5,076	3,408
191.21	4,590	943	191.73	5,086	3,459
191.22	4,600	989	191.74	5,095	3,510
191.23	4,609	1,035	191.75	5,105	3,561
191.24	4,619	1,081	191.76	5,114	3,612
191.25	4,628	1,127	191.77	5,124	3,663
191.26	4,638	1,174	191.78	5,133	3,714
191.27	4,647	1,220	191.79	5,143	3,765
191.28	4,657	1,267	191.80	5,152	3,817
191.29	4,666	1,313	191.81	5,162	3,869
191.30	4,676	1,360	191.82	5,171	3,920
191.31	4,685	1,407	191.83	5,181	3,972
191.32	4,695	1,454	191.84	5,191	4,024
191.33	4,704	1,501	191.85	5,200	4,076
191.34	4,714	1,548	191.86	5,210	4,128
191.35	4,724	1,595	191.87	5,219	4,180
191.36	4,733	1,642	191.88	5,229	4,232
191.37	4,743	1,690	191.89	5,238	4,285
191.38	4,752	1,737	191.90	5,248	4,337
191.39	4,762	1,785	191.91	5,257	4,389
191.40	4,771	1,832	191.92	5,267	4,442
191.41	4,781	1,880	191.93	5,276	4,495
191.42	4,790	1,928	191.94	5,286	4,548
191.43	4,800	1,976	191.95	5,295	4,601
191.44	4,809	2,024	191.96	5,305	4,654
191.45	4,819	2,072	191.97	5,314	4,707
191.46	4,828	2,120	191.98	5,324	4,760
191.47	4,838	2,169	191.99	5,333	4,813
191.48	4,847	2,217	192.00	5,343	4,867
191.49	4,857	2,266	192.01	5,353	4,920
191.50	4,867	2,314	192.02	5,363	4,974
191.51	4,876	2,363	192.03	5,373	5,027

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,383	5,081	192.56	5,909	8,017
192.05	5,394	5,135	192.57	5,919	8,076
192.06	5,404	5,189	192.58	5,929	8,135
192.07	5,414	5,243	192.59	5,939	8,195
192.08	5,424	5,297	192.60	5,949	8,254
192.09	5,434	5,351	192.61	5,959	8,314
192.10	5,444	5,406	192.62	5,969	8,373
192.11	5,454	5,460	192.63	5,979	8,433
192.12	5,464	5,515	192.64	5,989	8,493
192.13	5,474	5,570	192.65	6,000	8,553
192.14	5,484	5,624	192.66	6,010	8,613
192.15	5,495	5,679	192.67	6,020	8,673
192.16	5,505	5,734	192.68	6,030	8,733
192.17	5,515	5,789	192.69	6,040	8,794
192.18	5,525	5,845	192.70	6,050	8,854
192.19	5,535	5,900	192.71	6,060	8,915
192.20	5,545	5,955	192.72	6,070	8,975
192.21	5,555	6,011	192.73	6,080	9,036
192.22	5,565	6,066	192.74	6,090	9,097
192.23	5,575	6,122	192.75	6,101	9,158
192.24	5,585	6,178	192.76	6,111	9,219
192.25	5,596	6,234	192.77	6,121	9,280
192.26	5,606	6,290	192.78	6,131	9,341
192.27	5,616	6,346	192.79	6,141	9,403
192.28	5,626	6,402	192.80	6,151	9,464
192.29	5,636	6,458	192.81	6,161	9,526
192.30	5,646	6,515	192.82	6,171	9,587
192.31	5,656	6,571	192.83	6,181	9,649
192.32	5,666	6,628	192.84	6,191	9,711
192.33	5,676	6,685	192.85	6,201	9,773
192.34	5,686	6,741	192.86	6,212	9,835
192.35	5,696	6,798	192.87	6,222	9,897
192.36	5,707	6,855	192.88	6,232	9,959
192.37	5,717	6,913	192.89	6,242	10,022
192.38	5,727	6,970	192.90	6,252	10,084
192.39	5,737	7,027	192.91	6,262	10,147
192.40	5,747	7,085	192.92	6,272	10,209
192.41	5,757	7,142	192.93	6,282	10,272
192.42	5,767	7,200	192.94	6,292	10,335
192.43	5,777	7,257	192.95	6,302	10,398
192.44	5,787	7,315	192.96	6,313	10,461
192.45	5,797	7,373	192.97	6,323	10,524
192.46	5,808	7,431	192.98	6,333	10,588
192.47	5,818	7,489	192.99	6,343	10,651
192.48	5,828	7,547	193.00	6,353	10,715
192.49	5,838	7,606	193.01	6,364	10,778
192.50	5,848	7,664	193.02	6,374	10,842
192.51	5,858	7,723	193.03	6,385	10,906
192.52	5,868	7,781	193.04	6,396	10,969
192.53	5,878	7,840	193.05	6,406	11,033
192.54	5,888	7,899	193.06	6,417	11,098
192.55	5,899	7,958	193.07	6,428	11,162

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,438	11,226	193.60	6,993	14,718
193.09	6,449	11,291	193.61	7,003	14,788
193.10	6,460	11,355	193.62	7,014	14,858
193.11	6,470	11,420	193.63	7,025	14,928
193.12	6,481	11,485	193.64	7,035	14,999
193.13	6,492	11,549	193.65	7,046	15,069
193.14	6,502	11,614	193.66	7,057	15,140
193.15	6,513	11,679	193.67	7,067	15,210
193.16	6,524	11,745	193.68	7,078	15,281
193.17	6,534	11,810	193.69	7,089	15,352
193.18	6,545	11,875	193.70	7,099	15,423
193.19	6,556	11,941	193.71	7,110	15,494
193.20	6,566	12,006	193.72	7,121	15,565
193.21	6,577	12,072	193.73	7,131	15,636
193.22	6,588	12,138	193.74	7,142	15,708
193.23	6,598	12,204	193.75	7,153	15,779
193.24	6,609	12,270	193.76	7,163	15,851
193.25	6,620	12,336	193.77	7,174	15,922
193.26	6,630	12,402	193.78	7,184	15,994
193.27	6,641	12,469	193.79	7,195	16,066
193.28	6,651	12,535	193.80	7,206	16,138
193.29	6,662	12,602	193.81	7,216	16,210
193.30	6,673	12,668	193.82	7,227	16,282
193.31	6,683	12,735	193.83	7,238	16,355
193.32	6,694	12,802	193.84	7,248	16,427
193.33	6,705	12,869	193.85	7,259	16,500
193.34	6,715	12,936	193.86	7,270	16,572
193.35	6,726	13,003	193.87	7,280	16,645
193.36	6,737	13,071	193.88	7,291	16,718
193.37	6,747	13,138	193.89	7,302	16,791
193.38	6,758	13,206	193.90	7,312	16,864
193.39	6,769	13,273	193.91	7,323	16,937
193.40	6,779	13,341	193.92	7,334	17,010
193.41	6,790	13,409	193.93	7,344	17,084
193.42	6,801	13,477	193.94	7,355	17,157
193.43	6,811	13,545	193.95	7,366	17,231
193.44	6,822	13,613	193.96	7,376	17,305
193.45	6,833	13,681	193.97	7,387	17,378
193.46	6,843	13,750	193.98	7,398	17,452
193.47	6,854	13,818	193.99	7,408	17,526
193.48	6,865	13,887	194.00	7,419	17,601
193.49	6,875	13,955	194.01	7,437	17,675
193.50	6,886	14,024	194.02	7,455	17,749
193.51	6,897	14,093	194.03	7,473	17,824
193.52	6,907	14,162	194.04	7,490	17,899
193.53	6,918	14,231	194.05	7,508	17,974
193.54	6,929	14,301	194.06	7,526	18,049
193.55	6,939	14,370	194.07	7,544	18,124
193.56	6,950	14,439	194.08	7,562	18,200
193.57	6,961	14,509	194.09	7,580	18,275
193.58	6,971	14,579	194.10	7,598	18,351
193.59	6,982	14,648	194.11	7,615	18,427

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	7,633	18,504	194.64	8,562	22,714
194.13	7,651	18,580	194.65	8,580	22,800
194.14	7,669	18,657	194.66	8,598	22,886
194.15	7,687	18,733	194.67	8,616	22,972
194.16	7,705	18,810	194.68	8,633	23,058
194.17	7,723	18,888	194.69	8,651	23,145
194.18	7,740	18,965	194.70	8,669	23,231
194.19	7,758	19,042	194.71	8,687	23,318
194.20	7,776	19,120	194.72	8,705	23,405
194.21	7,794	19,198	194.73	8,723	23,492
194.22	7,812	19,276	194.74	8,741	23,580
194.23	7,830	19,354	194.75	8,759	23,667
194.24	7,848	19,432	194.76	8,776	23,755
194.25	7,866	19,511	194.77	8,794	23,843
194.26	7,883	19,590	194.78	8,812	23,931
194.27	7,901	19,669	194.79	8,830	24,019
194.28	7,919	19,748	194.80	8,848	24,107
194.29	7,937	19,827	194.81	8,866	24,196
194.30	7,955	19,907	194.82	8,884	24,285
194.31	7,973	19,986	194.83	8,901	24,373
194.32	7,991	20,066	194.84	8,919	24,463
194.33	8,008	20,146	194.85	8,937	24,552
194.34	8,026	20,226	194.86	8,955	24,641
194.35	8,044	20,307	194.87	8,973	24,731
194.36	8,062	20,387	194.88	8,991	24,821
194.37	8,080	20,468	194.89	9,009	24,911
194.38	8,098	20,549	194.90	9,026	25,001
194.39	8,116	20,630	194.91	9,044	25,091
194.40	8,133	20,711	194.92	9,062	25,182
194.41	8,151	20,792	194.93	9,080	25,273
194.42	8,169	20,874	194.94	9,098	25,363
194.43	8,187	20,956	194.95	9,116	25,454
194.44	8,205	21,038	194.96	9,134	25,546
194.45	8,223	21,120	194.97	9,151	25,637
194.46	8,241	21,202	194.98	9,169	25,729
194.47	8,258	21,285	194.99	9,187	25,821
194.48	8,276	21,367	195.00	9,205	25,913
194.49	8,294	21,450			
194.50	8,312	21,533			
194.51	8,330	21,616			
194.52	8,348	21,700			
194.53	8,366	21,783			
194.54	8,383	21,867			
194.55	8,401	21,951			
194.56	8,419	22,035			
194.57	8,437	22,119			
194.58	8,455	22,204			
194.59	8,473	22,289			
194.60	8,491	22,373			
194.61	8,508	22,458			
194.62	8,526	22,544			
194.63	8,544	22,629			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 0.72" for WQ Storm event
 Inflow = 3.40 cfs @ 1.15 hrs, Volume= 0.117 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 191.51' @ 2.60 hrs Surf.Area= 4,115 sf Storage= 5,082 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	26,166 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	2,647	0	0
191.00	3,593	3,120	3,120
192.00	4,618	4,106	7,226
193.00	5,711	5,165	12,390
194.00	6,871	6,291	18,681
195.00	8,099	7,485	26,166

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.51'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

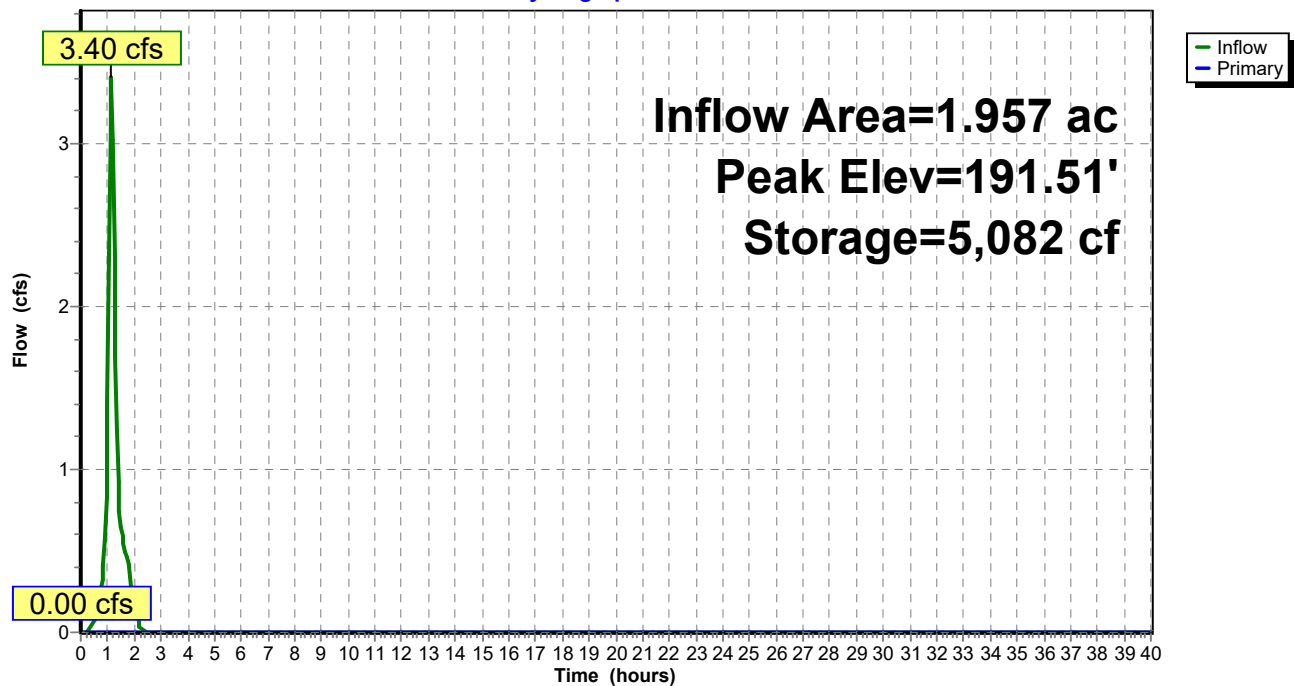
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=190.00' (Free Discharge)

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



Pond B-35: Basin #35

Hydrograph



Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.01	1	190.00	0.00
0.50	0.06	11	190.00	0.00
0.60	0.14	44	190.02	0.00
0.70	0.23	111	190.04	0.00
0.80	0.32	210	190.08	0.00
0.90	0.56	362	190.13	0.00
1.00	1.38	686	190.25	0.00
1.10	3.08	1,499	190.52	0.00
1.20	3.02	2,661	190.87	0.00
1.30	1.69	3,500	191.10	0.00
1.40	0.92	3,959	191.23	0.00
1.50	0.64	4,233	191.30	0.00
1.60	0.55	4,447	191.35	0.00
1.70	0.46	4,626	191.40	0.00
1.80	0.43	4,787	191.44	0.00
1.90	0.28	4,916	191.47	0.00
2.00	0.18	4,995	191.49	0.00
2.10	0.12	5,049	191.50	0.00
2.20	0.03	5,074	191.51	0.00
2.30	0.01	5,081	191.51	0.00
2.40	0.00	5,082	191.51	0.00
2.50	0.00	5,082	191.51	0.00
2.60	0.00	5,082	191.51	0.00
2.70	0.00	5,082	191.51	0.00
2.80	0.00	5,082	191.51	0.00
2.90	0.00	5,082	191.51	0.00
3.00	0.00	5,082	191.51	0.00
3.10	0.00	5,082	191.51	0.00
3.20	0.00	5,082	191.51	0.00
3.30	0.00	5,082	191.51	0.00
3.40	0.00	5,082	191.51	0.00
3.50	0.00	5,082	191.51	0.00
3.60	0.00	5,082	191.51	0.00
3.70	0.00	5,082	191.51	0.00
3.80	0.00	5,082	191.51	0.00
3.90	0.00	5,082	191.51	0.00
4.00	0.00	5,082	191.51	0.00
4.10	0.00	5,082	191.51	0.00
4.20	0.00	5,082	191.51	0.00
4.30	0.00	5,082	191.51	0.00
4.40	0.00	5,082	191.51	0.00
4.50	0.00	5,082	191.51	0.00
4.60	0.00	5,082	191.51	0.00
4.70	0.00	5,082	191.51	0.00
4.80	0.00	5,082	191.51	0.00
4.90	0.00	5,082	191.51	0.00
5.00	0.00	5,082	191.51	0.00
5.10	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	5,082	191.51	0.00
5.30	0.00	5,082	191.51	0.00
5.40	0.00	5,082	191.51	0.00
5.50	0.00	5,082	191.51	0.00
5.60	0.00	5,082	191.51	0.00
5.70	0.00	5,082	191.51	0.00
5.80	0.00	5,082	191.51	0.00
5.90	0.00	5,082	191.51	0.00
6.00	0.00	5,082	191.51	0.00
6.10	0.00	5,082	191.51	0.00
6.20	0.00	5,082	191.51	0.00
6.30	0.00	5,082	191.51	0.00
6.40	0.00	5,082	191.51	0.00
6.50	0.00	5,082	191.51	0.00
6.60	0.00	5,082	191.51	0.00
6.70	0.00	5,082	191.51	0.00
6.80	0.00	5,082	191.51	0.00
6.90	0.00	5,082	191.51	0.00
7.00	0.00	5,082	191.51	0.00
7.10	0.00	5,082	191.51	0.00
7.20	0.00	5,082	191.51	0.00
7.30	0.00	5,082	191.51	0.00
7.40	0.00	5,082	191.51	0.00
7.50	0.00	5,082	191.51	0.00
7.60	0.00	5,082	191.51	0.00
7.70	0.00	5,082	191.51	0.00
7.80	0.00	5,082	191.51	0.00
7.90	0.00	5,082	191.51	0.00
8.00	0.00	5,082	191.51	0.00
8.10	0.00	5,082	191.51	0.00
8.20	0.00	5,082	191.51	0.00
8.30	0.00	5,082	191.51	0.00
8.40	0.00	5,082	191.51	0.00
8.50	0.00	5,082	191.51	0.00
8.60	0.00	5,082	191.51	0.00
8.70	0.00	5,082	191.51	0.00
8.80	0.00	5,082	191.51	0.00
8.90	0.00	5,082	191.51	0.00
9.00	0.00	5,082	191.51	0.00
9.10	0.00	5,082	191.51	0.00
9.20	0.00	5,082	191.51	0.00
9.30	0.00	5,082	191.51	0.00
9.40	0.00	5,082	191.51	0.00
9.50	0.00	5,082	191.51	0.00
9.60	0.00	5,082	191.51	0.00
9.70	0.00	5,082	191.51	0.00
9.80	0.00	5,082	191.51	0.00
9.90	0.00	5,082	191.51	0.00
10.00	0.00	5,082	191.51	0.00
10.10	0.00	5,082	191.51	0.00
10.20	0.00	5,082	191.51	0.00
10.30	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	5,082	191.51	0.00
10.50	0.00	5,082	191.51	0.00
10.60	0.00	5,082	191.51	0.00
10.70	0.00	5,082	191.51	0.00
10.80	0.00	5,082	191.51	0.00
10.90	0.00	5,082	191.51	0.00
11.00	0.00	5,082	191.51	0.00
11.10	0.00	5,082	191.51	0.00
11.20	0.00	5,082	191.51	0.00
11.30	0.00	5,082	191.51	0.00
11.40	0.00	5,082	191.51	0.00
11.50	0.00	5,082	191.51	0.00
11.60	0.00	5,082	191.51	0.00
11.70	0.00	5,082	191.51	0.00
11.80	0.00	5,082	191.51	0.00
11.90	0.00	5,082	191.51	0.00
12.00	0.00	5,082	191.51	0.00
12.10	0.00	5,082	191.51	0.00
12.20	0.00	5,082	191.51	0.00
12.30	0.00	5,082	191.51	0.00
12.40	0.00	5,082	191.51	0.00
12.50	0.00	5,082	191.51	0.00
12.60	0.00	5,082	191.51	0.00
12.70	0.00	5,082	191.51	0.00
12.80	0.00	5,082	191.51	0.00
12.90	0.00	5,082	191.51	0.00
13.00	0.00	5,082	191.51	0.00
13.10	0.00	5,082	191.51	0.00
13.20	0.00	5,082	191.51	0.00
13.30	0.00	5,082	191.51	0.00
13.40	0.00	5,082	191.51	0.00
13.50	0.00	5,082	191.51	0.00
13.60	0.00	5,082	191.51	0.00
13.70	0.00	5,082	191.51	0.00
13.80	0.00	5,082	191.51	0.00
13.90	0.00	5,082	191.51	0.00
14.00	0.00	5,082	191.51	0.00
14.10	0.00	5,082	191.51	0.00
14.20	0.00	5,082	191.51	0.00
14.30	0.00	5,082	191.51	0.00
14.40	0.00	5,082	191.51	0.00
14.50	0.00	5,082	191.51	0.00
14.60	0.00	5,082	191.51	0.00
14.70	0.00	5,082	191.51	0.00
14.80	0.00	5,082	191.51	0.00
14.90	0.00	5,082	191.51	0.00
15.00	0.00	5,082	191.51	0.00
15.10	0.00	5,082	191.51	0.00
15.20	0.00	5,082	191.51	0.00
15.30	0.00	5,082	191.51	0.00
15.40	0.00	5,082	191.51	0.00
15.50	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	5,082	191.51	0.00
15.70	0.00	5,082	191.51	0.00
15.80	0.00	5,082	191.51	0.00
15.90	0.00	5,082	191.51	0.00
16.00	0.00	5,082	191.51	0.00
16.10	0.00	5,082	191.51	0.00
16.20	0.00	5,082	191.51	0.00
16.30	0.00	5,082	191.51	0.00
16.40	0.00	5,082	191.51	0.00
16.50	0.00	5,082	191.51	0.00
16.60	0.00	5,082	191.51	0.00
16.70	0.00	5,082	191.51	0.00
16.80	0.00	5,082	191.51	0.00
16.90	0.00	5,082	191.51	0.00
17.00	0.00	5,082	191.51	0.00
17.10	0.00	5,082	191.51	0.00
17.20	0.00	5,082	191.51	0.00
17.30	0.00	5,082	191.51	0.00
17.40	0.00	5,082	191.51	0.00
17.50	0.00	5,082	191.51	0.00
17.60	0.00	5,082	191.51	0.00
17.70	0.00	5,082	191.51	0.00
17.80	0.00	5,082	191.51	0.00
17.90	0.00	5,082	191.51	0.00
18.00	0.00	5,082	191.51	0.00
18.10	0.00	5,082	191.51	0.00
18.20	0.00	5,082	191.51	0.00
18.30	0.00	5,082	191.51	0.00
18.40	0.00	5,082	191.51	0.00
18.50	0.00	5,082	191.51	0.00
18.60	0.00	5,082	191.51	0.00
18.70	0.00	5,082	191.51	0.00
18.80	0.00	5,082	191.51	0.00
18.90	0.00	5,082	191.51	0.00
19.00	0.00	5,082	191.51	0.00
19.10	0.00	5,082	191.51	0.00
19.20	0.00	5,082	191.51	0.00
19.30	0.00	5,082	191.51	0.00
19.40	0.00	5,082	191.51	0.00
19.50	0.00	5,082	191.51	0.00
19.60	0.00	5,082	191.51	0.00
19.70	0.00	5,082	191.51	0.00
19.80	0.00	5,082	191.51	0.00
19.90	0.00	5,082	191.51	0.00
20.00	0.00	5,082	191.51	0.00
20.10	0.00	5,082	191.51	0.00
20.20	0.00	5,082	191.51	0.00
20.30	0.00	5,082	191.51	0.00
20.40	0.00	5,082	191.51	0.00
20.50	0.00	5,082	191.51	0.00
20.60	0.00	5,082	191.51	0.00
20.70	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	5,082	191.51	0.00
20.90	0.00	5,082	191.51	0.00
21.00	0.00	5,082	191.51	0.00
21.10	0.00	5,082	191.51	0.00
21.20	0.00	5,082	191.51	0.00
21.30	0.00	5,082	191.51	0.00
21.40	0.00	5,082	191.51	0.00
21.50	0.00	5,082	191.51	0.00
21.60	0.00	5,082	191.51	0.00
21.70	0.00	5,082	191.51	0.00
21.80	0.00	5,082	191.51	0.00
21.90	0.00	5,082	191.51	0.00
22.00	0.00	5,082	191.51	0.00
22.10	0.00	5,082	191.51	0.00
22.20	0.00	5,082	191.51	0.00
22.30	0.00	5,082	191.51	0.00
22.40	0.00	5,082	191.51	0.00
22.50	0.00	5,082	191.51	0.00
22.60	0.00	5,082	191.51	0.00
22.70	0.00	5,082	191.51	0.00
22.80	0.00	5,082	191.51	0.00
22.90	0.00	5,082	191.51	0.00
23.00	0.00	5,082	191.51	0.00
23.10	0.00	5,082	191.51	0.00
23.20	0.00	5,082	191.51	0.00
23.30	0.00	5,082	191.51	0.00
23.40	0.00	5,082	191.51	0.00
23.50	0.00	5,082	191.51	0.00
23.60	0.00	5,082	191.51	0.00
23.70	0.00	5,082	191.51	0.00
23.80	0.00	5,082	191.51	0.00
23.90	0.00	5,082	191.51	0.00
24.00	0.00	5,082	191.51	0.00
24.10	0.00	5,082	191.51	0.00
24.20	0.00	5,082	191.51	0.00
24.30	0.00	5,082	191.51	0.00
24.40	0.00	5,082	191.51	0.00
24.50	0.00	5,082	191.51	0.00
24.60	0.00	5,082	191.51	0.00
24.70	0.00	5,082	191.51	0.00
24.80	0.00	5,082	191.51	0.00
24.90	0.00	5,082	191.51	0.00
25.00	0.00	5,082	191.51	0.00
25.10	0.00	5,082	191.51	0.00
25.20	0.00	5,082	191.51	0.00
25.30	0.00	5,082	191.51	0.00
25.40	0.00	5,082	191.51	0.00
25.50	0.00	5,082	191.51	0.00
25.60	0.00	5,082	191.51	0.00
25.70	0.00	5,082	191.51	0.00
25.80	0.00	5,082	191.51	0.00
25.90	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,082	191.51	0.00
26.10	0.00	5,082	191.51	0.00
26.20	0.00	5,082	191.51	0.00
26.30	0.00	5,082	191.51	0.00
26.40	0.00	5,082	191.51	0.00
26.50	0.00	5,082	191.51	0.00
26.60	0.00	5,082	191.51	0.00
26.70	0.00	5,082	191.51	0.00
26.80	0.00	5,082	191.51	0.00
26.90	0.00	5,082	191.51	0.00
27.00	0.00	5,082	191.51	0.00
27.10	0.00	5,082	191.51	0.00
27.20	0.00	5,082	191.51	0.00
27.30	0.00	5,082	191.51	0.00
27.40	0.00	5,082	191.51	0.00
27.50	0.00	5,082	191.51	0.00
27.60	0.00	5,082	191.51	0.00
27.70	0.00	5,082	191.51	0.00
27.80	0.00	5,082	191.51	0.00
27.90	0.00	5,082	191.51	0.00
28.00	0.00	5,082	191.51	0.00
28.10	0.00	5,082	191.51	0.00
28.20	0.00	5,082	191.51	0.00
28.30	0.00	5,082	191.51	0.00
28.40	0.00	5,082	191.51	0.00
28.50	0.00	5,082	191.51	0.00
28.60	0.00	5,082	191.51	0.00
28.70	0.00	5,082	191.51	0.00
28.80	0.00	5,082	191.51	0.00
28.90	0.00	5,082	191.51	0.00
29.00	0.00	5,082	191.51	0.00
29.10	0.00	5,082	191.51	0.00
29.20	0.00	5,082	191.51	0.00
29.30	0.00	5,082	191.51	0.00
29.40	0.00	5,082	191.51	0.00
29.50	0.00	5,082	191.51	0.00
29.60	0.00	5,082	191.51	0.00
29.70	0.00	5,082	191.51	0.00
29.80	0.00	5,082	191.51	0.00
29.90	0.00	5,082	191.51	0.00
30.00	0.00	5,082	191.51	0.00
30.10	0.00	5,082	191.51	0.00
30.20	0.00	5,082	191.51	0.00
30.30	0.00	5,082	191.51	0.00
30.40	0.00	5,082	191.51	0.00
30.50	0.00	5,082	191.51	0.00
30.60	0.00	5,082	191.51	0.00
30.70	0.00	5,082	191.51	0.00
30.80	0.00	5,082	191.51	0.00
30.90	0.00	5,082	191.51	0.00
31.00	0.00	5,082	191.51	0.00
31.10	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,082	191.51	0.00
31.30	0.00	5,082	191.51	0.00
31.40	0.00	5,082	191.51	0.00
31.50	0.00	5,082	191.51	0.00
31.60	0.00	5,082	191.51	0.00
31.70	0.00	5,082	191.51	0.00
31.80	0.00	5,082	191.51	0.00
31.90	0.00	5,082	191.51	0.00
32.00	0.00	5,082	191.51	0.00
32.10	0.00	5,082	191.51	0.00
32.20	0.00	5,082	191.51	0.00
32.30	0.00	5,082	191.51	0.00
32.40	0.00	5,082	191.51	0.00
32.50	0.00	5,082	191.51	0.00
32.60	0.00	5,082	191.51	0.00
32.70	0.00	5,082	191.51	0.00
32.80	0.00	5,082	191.51	0.00
32.90	0.00	5,082	191.51	0.00
33.00	0.00	5,082	191.51	0.00
33.10	0.00	5,082	191.51	0.00
33.20	0.00	5,082	191.51	0.00
33.30	0.00	5,082	191.51	0.00
33.40	0.00	5,082	191.51	0.00
33.50	0.00	5,082	191.51	0.00
33.60	0.00	5,082	191.51	0.00
33.70	0.00	5,082	191.51	0.00
33.80	0.00	5,082	191.51	0.00
33.90	0.00	5,082	191.51	0.00
34.00	0.00	5,082	191.51	0.00
34.10	0.00	5,082	191.51	0.00
34.20	0.00	5,082	191.51	0.00
34.30	0.00	5,082	191.51	0.00
34.40	0.00	5,082	191.51	0.00
34.50	0.00	5,082	191.51	0.00
34.60	0.00	5,082	191.51	0.00
34.70	0.00	5,082	191.51	0.00
34.80	0.00	5,082	191.51	0.00
34.90	0.00	5,082	191.51	0.00
35.00	0.00	5,082	191.51	0.00
35.10	0.00	5,082	191.51	0.00
35.20	0.00	5,082	191.51	0.00
35.30	0.00	5,082	191.51	0.00
35.40	0.00	5,082	191.51	0.00
35.50	0.00	5,082	191.51	0.00
35.60	0.00	5,082	191.51	0.00
35.70	0.00	5,082	191.51	0.00
35.80	0.00	5,082	191.51	0.00
35.90	0.00	5,082	191.51	0.00
36.00	0.00	5,082	191.51	0.00
36.10	0.00	5,082	191.51	0.00
36.20	0.00	5,082	191.51	0.00
36.30	0.00	5,082	191.51	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,082	191.51	0.00
36.50	0.00	5,082	191.51	0.00
36.60	0.00	5,082	191.51	0.00
36.70	0.00	5,082	191.51	0.00
36.80	0.00	5,082	191.51	0.00
36.90	0.00	5,082	191.51	0.00
37.00	0.00	5,082	191.51	0.00
37.10	0.00	5,082	191.51	0.00
37.20	0.00	5,082	191.51	0.00
37.30	0.00	5,082	191.51	0.00
37.40	0.00	5,082	191.51	0.00
37.50	0.00	5,082	191.51	0.00
37.60	0.00	5,082	191.51	0.00
37.70	0.00	5,082	191.51	0.00
37.80	0.00	5,082	191.51	0.00
37.90	0.00	5,082	191.51	0.00
38.00	0.00	5,082	191.51	0.00
38.10	0.00	5,082	191.51	0.00
38.20	0.00	5,082	191.51	0.00
38.30	0.00	5,082	191.51	0.00
38.40	0.00	5,082	191.51	0.00
38.50	0.00	5,082	191.51	0.00
38.60	0.00	5,082	191.51	0.00
38.70	0.00	5,082	191.51	0.00
38.80	0.00	5,082	191.51	0.00
38.90	0.00	5,082	191.51	0.00
39.00	0.00	5,082	191.51	0.00
39.10	0.00	5,082	191.51	0.00
39.20	0.00	5,082	191.51	0.00
39.30	0.00	5,082	191.51	0.00
39.40	0.00	5,082	191.51	0.00
39.50	0.00	5,082	191.51	0.00
39.60	0.00	5,082	191.51	0.00
39.70	0.00	5,082	191.51	0.00
39.80	0.00	5,082	191.51	0.00
39.90	0.00	5,082	191.51	0.00
40.00	0.00	5,082	191.51	0.00

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

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

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.27	192.60	0.40	193.12	0.75	193.64	6.34
192.09	0.27	192.61	0.41	193.13	0.80	193.65	6.49
192.10	0.27	192.62	0.41	193.14	0.86	193.66	6.63
192.11	0.28	192.63	0.41	193.15	0.92	193.67	6.78
192.12	0.28	192.64	0.41	193.16	0.99	193.68	6.93
192.13	0.28	192.65	0.41	193.17	1.05	193.69	7.08
192.14	0.29	192.66	0.42	193.18	1.12	193.70	7.23
192.15	0.29	192.67	0.42	193.19	1.20	193.71	7.38
192.16	0.29	192.68	0.42	193.20	1.27	193.72	7.53
192.17	0.30	192.69	0.42	193.21	1.35	193.73	7.69
192.18	0.30	192.70	0.43	193.22	1.43	193.74	7.84
192.19	0.30	192.71	0.43	193.23	1.51	193.75	8.00
192.20	0.30	192.72	0.43	193.24	1.60	193.76	8.15
192.21	0.31	192.73	0.43	193.25	1.69	193.77	8.31
192.22	0.31	192.74	0.43	193.26	1.77	193.78	8.47
192.23	0.31	192.75	0.44	193.27	1.87	193.79	8.63
192.24	0.32	192.76	0.44	193.28	1.96	193.80	8.79
192.25	0.32	192.77	0.44	193.29	2.05	193.81	8.95
192.26	0.32	192.78	0.44	193.30	2.15	193.82	9.11
192.27	0.32	192.79	0.44	193.31	2.25	193.83	9.28
192.28	0.33	192.80	0.45	193.32	2.35	193.84	9.44
192.29	0.33	192.81	0.45	193.33	2.45	193.85	9.60
192.30	0.33	192.82	0.45	193.34	2.55	193.86	9.77
192.31	0.33	192.83	0.45	193.35	2.66	193.87	9.94
192.32	0.34	192.84	0.45	193.36	2.77	193.88	10.10
192.33	0.34	192.85	0.46	193.37	2.88	193.89	10.27
192.34	0.34	192.86	0.46	193.38	2.99	193.90	10.44
192.35	0.34	192.87	0.46	193.39	3.10	193.91	10.61
192.36	0.35	192.88	0.46	193.40	3.21	193.92	10.78
192.37	0.35	192.89	0.46	193.41	3.33	193.93	10.95
192.38	0.35	192.90	0.46	193.42	3.44	193.94	11.13
192.39	0.35	192.91	0.47	193.43	3.56	193.95	11.30
192.40	0.36	192.92	0.47	193.44	3.68	193.96	11.47
192.41	0.36	192.93	0.47	193.45	3.80	193.97	11.65
192.42	0.36	192.94	0.47	193.46	3.92	193.98	11.82
192.43	0.36	192.95	0.47	193.47	4.05	193.99	12.00
192.44	0.37	192.96	0.48	193.48	4.17	194.00	12.18
192.45	0.37	192.97	0.48	193.49	4.30	194.01	12.35
192.46	0.37	192.98	0.48	193.50	4.43	194.02	12.53
192.47	0.37	192.99	0.48	193.51	4.56	194.03	12.71
192.48	0.38	193.00	0.48	193.52	4.69	194.04	12.89
192.49	0.38	193.01	0.49	193.53	4.82	194.05	13.07
192.50	0.38	193.02	0.49	193.54	4.95	194.06	13.25
192.51	0.38	193.03	0.49	193.55	5.08	194.07	13.44
192.52	0.39	193.04	0.49	193.56	5.22	194.08	13.62
192.53	0.39	193.05	0.49	193.57	5.36	194.09	13.80
192.54	0.39	193.06	0.51	193.58	5.49	194.10	13.99
192.55	0.39	193.07	0.53	193.59	5.63	194.11	14.03
192.56	0.39	193.08	0.57	193.60	5.77	194.12	14.05
192.57	0.40	193.09	0.60	193.61	5.91	194.13	14.07
192.58	0.40	193.10	0.65	193.62	6.05	194.14	14.09
192.59	0.40	193.11	0.69	193.63	6.20	194.15	14.11

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	14.13	194.68	24.20
194.17	14.15	194.69	24.98
194.18	14.17	194.70	25.79
194.19	14.19	194.71	26.66
194.20	14.22	194.72	27.55
194.21	14.24	194.73	28.47
194.22	14.26	194.74	29.41
194.23	14.28	194.75	30.38
194.24	14.30	194.76	31.37
194.25	14.32	194.77	32.39
194.26	14.34	194.78	33.43
194.27	14.36	194.79	34.50
194.28	14.38	194.80	35.59
194.29	14.40	194.81	36.70
194.30	14.42	194.82	37.84
194.31	14.44	194.83	39.01
194.32	14.46	194.84	40.20
194.33	14.48	194.85	41.41
194.34	14.51	194.86	42.65
194.35	14.53	194.87	43.91
194.36	14.55	194.88	45.20
194.37	14.57	194.89	46.51
194.38	14.59	194.90	47.84
194.39	14.61	194.91	49.23
194.40	14.63	194.92	50.64
194.41	14.65	194.93	52.07
194.42	14.67	194.94	53.54
194.43	14.69	194.95	55.02
194.44	14.71	194.96	56.54
194.45	14.73	194.97	58.08
194.46	14.75	194.98	59.65
194.47	14.77	194.99	61.24
194.48	14.79	195.00	62.86
194.49	14.81		
194.50	14.83		
194.51	14.97		
194.52	15.20		
194.53	15.50		
194.54	15.85		
194.55	16.24		
194.56	16.67		
194.57	17.14		
194.58	17.65		
194.59	18.18		
194.60	18.75		
194.61	19.34		
194.62	19.96		
194.63	20.61		
194.64	21.28		
194.65	21.97		
194.66	22.69		
194.67	23.43		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	2,647	0	190.52	3,139	1,504
190.01	2,656	27	190.53	3,148	1,536
190.02	2,666	53	190.54	3,158	1,567
190.03	2,675	80	190.55	3,167	1,599
190.04	2,685	107	190.56	3,177	1,631
190.05	2,694	134	190.57	3,186	1,662
190.06	2,704	161	190.58	3,196	1,694
190.07	2,713	188	190.59	3,205	1,726
190.08	2,723	215	190.60	3,215	1,758
190.09	2,732	242	190.61	3,224	1,791
190.10	2,742	269	190.62	3,234	1,823
190.11	2,751	297	190.63	3,243	1,855
190.12	2,761	324	190.64	3,252	1,888
190.13	2,770	352	190.65	3,262	1,920
190.14	2,779	380	190.66	3,271	1,953
190.15	2,789	408	190.67	3,281	1,986
190.16	2,798	436	190.68	3,290	2,019
190.17	2,808	464	190.69	3,300	2,052
190.18	2,817	492	190.70	3,309	2,085
190.19	2,827	520	190.71	3,319	2,118
190.20	2,836	548	190.72	3,328	2,151
190.21	2,846	577	190.73	3,338	2,184
190.22	2,855	605	190.74	3,347	2,218
190.23	2,865	634	190.75	3,357	2,251
190.24	2,874	663	190.76	3,366	2,285
190.25	2,884	691	190.77	3,375	2,319
190.26	2,893	720	190.78	3,385	2,352
190.27	2,902	749	190.79	3,394	2,386
190.28	2,912	778	190.80	3,404	2,420
190.29	2,921	807	190.81	3,413	2,454
190.30	2,931	837	190.82	3,423	2,489
190.31	2,940	866	190.83	3,432	2,523
190.32	2,950	895	190.84	3,442	2,557
190.33	2,959	925	190.85	3,451	2,592
190.34	2,969	955	190.86	3,461	2,626
190.35	2,978	984	190.87	3,470	2,661
190.36	2,988	1,014	190.88	3,479	2,696
190.37	2,997	1,044	190.89	3,489	2,730
190.38	3,006	1,074	190.90	3,498	2,765
190.39	3,016	1,104	190.91	3,508	2,800
190.40	3,025	1,134	190.92	3,517	2,836
190.41	3,035	1,165	190.93	3,527	2,871
190.42	3,044	1,195	190.94	3,536	2,906
190.43	3,054	1,226	190.95	3,546	2,942
190.44	3,063	1,256	190.96	3,555	2,977
190.45	3,073	1,287	190.97	3,565	3,013
190.46	3,082	1,318	190.98	3,574	3,048
190.47	3,092	1,349	190.99	3,584	3,084
190.48	3,101	1,380	191.00	3,593	3,120
190.49	3,111	1,411	191.01	3,603	3,156
190.50	3,120	1,442	191.02	3,614	3,192
190.51	3,129	1,473	191.03	3,624	3,228

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	3,634	3,265	191.56	4,167	5,293
191.05	3,644	3,301	191.57	4,177	5,335
191.06	3,655	3,337	191.58	4,188	5,376
191.07	3,665	3,374	191.59	4,198	5,418
191.08	3,675	3,411	191.60	4,208	5,460
191.09	3,685	3,448	191.61	4,218	5,502
191.10	3,695	3,484	191.62	4,229	5,545
191.11	3,706	3,521	191.63	4,239	5,587
191.12	3,716	3,559	191.64	4,249	5,629
191.13	3,726	3,596	191.65	4,259	5,672
191.14	3,736	3,633	191.66	4,269	5,715
191.15	3,747	3,670	191.67	4,280	5,757
191.16	3,757	3,708	191.68	4,290	5,800
191.17	3,767	3,746	191.69	4,300	5,843
191.18	3,778	3,783	191.70	4,310	5,886
191.19	3,788	3,821	191.71	4,321	5,929
191.20	3,798	3,859	191.72	4,331	5,973
191.21	3,808	3,897	191.73	4,341	6,016
191.22	3,818	3,935	191.74	4,352	6,059
191.23	3,829	3,974	191.75	4,362	6,103
191.24	3,839	4,012	191.76	4,372	6,147
191.25	3,849	4,050	191.77	4,382	6,190
191.26	3,859	4,089	191.78	4,393	6,234
191.27	3,870	4,127	191.79	4,403	6,278
191.28	3,880	4,166	191.80	4,413	6,322
191.29	3,890	4,205	191.81	4,423	6,367
191.30	3,901	4,244	191.82	4,433	6,411
191.31	3,911	4,283	191.83	4,444	6,455
191.32	3,921	4,322	191.84	4,454	6,500
191.33	3,931	4,362	191.85	4,464	6,544
191.34	3,942	4,401	191.86	4,475	6,589
191.35	3,952	4,440	191.87	4,485	6,634
191.36	3,962	4,480	191.88	4,495	6,679
191.37	3,972	4,520	191.89	4,505	6,724
191.38	3,982	4,559	191.90	4,516	6,769
191.39	3,993	4,599	191.91	4,526	6,814
191.40	4,003	4,639	191.92	4,536	6,859
191.41	4,013	4,679	191.93	4,546	6,905
191.42	4,023	4,719	191.94	4,556	6,950
191.43	4,034	4,760	191.95	4,567	6,996
191.44	4,044	4,800	191.96	4,577	7,042
191.45	4,054	4,841	191.97	4,587	7,087
191.46	4,065	4,881	191.98	4,597	7,133
191.47	4,075	4,922	191.99	4,608	7,179
191.48	4,085	4,963	192.00	4,618	7,226
191.49	4,095	5,004	192.01	4,629	7,272
191.50	4,106	5,045	192.02	4,640	7,318
191.51	4,116	5,086	192.03	4,651	7,365
191.52	4,126	5,127	192.04	4,662	7,411
191.53	4,136	5,168	192.05	4,673	7,458
191.54	4,146	5,210	192.06	4,684	7,505
191.55	4,157	5,251	192.07	4,695	7,551

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	4,705	7,598	192.60	5,274	10,193
192.09	4,716	7,646	192.61	5,285	10,246
192.10	4,727	7,693	192.62	5,296	10,299
192.11	4,738	7,740	192.63	5,307	10,352
192.12	4,749	7,788	192.64	5,318	10,405
192.13	4,760	7,835	192.65	5,328	10,458
192.14	4,771	7,883	192.66	5,339	10,511
192.15	4,782	7,930	192.67	5,350	10,565
192.16	4,793	7,978	192.68	5,361	10,618
192.17	4,804	8,026	192.69	5,372	10,672
192.18	4,815	8,074	192.70	5,383	10,726
192.19	4,826	8,123	192.71	5,394	10,780
192.20	4,837	8,171	192.72	5,405	10,834
192.21	4,848	8,219	192.73	5,416	10,888
192.22	4,858	8,268	192.74	5,427	10,942
192.23	4,869	8,317	192.75	5,438	10,996
192.24	4,880	8,365	192.76	5,449	11,051
192.25	4,891	8,414	192.77	5,460	11,105
192.26	4,902	8,463	192.78	5,471	11,160
192.27	4,913	8,512	192.79	5,481	11,215
192.28	4,924	8,561	192.80	5,492	11,270
192.29	4,935	8,611	192.81	5,503	11,325
192.30	4,946	8,660	192.82	5,514	11,380
192.31	4,957	8,710	192.83	5,525	11,435
192.32	4,968	8,759	192.84	5,536	11,490
192.33	4,979	8,809	192.85	5,547	11,546
192.34	4,990	8,859	192.86	5,558	11,601
192.35	5,001	8,909	192.87	5,569	11,657
192.36	5,011	8,959	192.88	5,580	11,713
192.37	5,022	9,009	192.89	5,591	11,768
192.38	5,033	9,059	192.90	5,602	11,824
192.39	5,044	9,110	192.91	5,613	11,880
192.40	5,055	9,160	192.92	5,624	11,937
192.41	5,066	9,211	192.93	5,634	11,993
192.42	5,077	9,261	192.94	5,645	12,049
192.43	5,088	9,312	192.95	5,656	12,106
192.44	5,099	9,363	192.96	5,667	12,162
192.45	5,110	9,414	192.97	5,678	12,219
192.46	5,121	9,465	192.98	5,689	12,276
192.47	5,132	9,517	192.99	5,700	12,333
192.48	5,143	9,568	193.00	5,711	12,390
192.49	5,154	9,620	193.01	5,723	12,447
192.50	5,165	9,671	193.02	5,734	12,504
192.51	5,175	9,723	193.03	5,746	12,562
192.52	5,186	9,775	193.04	5,757	12,619
192.53	5,197	9,827	193.05	5,769	12,677
192.54	5,208	9,879	193.06	5,781	12,735
192.55	5,219	9,931	193.07	5,792	12,793
192.56	5,230	9,983	193.08	5,804	12,851
192.57	5,241	10,035	193.09	5,815	12,909
192.58	5,252	10,088	193.10	5,827	12,967
192.59	5,263	10,140	193.11	5,839	13,025

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	5,850	13,084	193.64	6,453	16,283
193.13	5,862	13,142	193.65	6,465	16,347
193.14	5,873	13,201	193.66	6,477	16,412
193.15	5,885	13,260	193.67	6,488	16,477
193.16	5,897	13,319	193.68	6,500	16,542
193.17	5,908	13,378	193.69	6,511	16,607
193.18	5,920	13,437	193.70	6,523	16,672
193.19	5,931	13,496	193.71	6,535	16,737
193.20	5,943	13,555	193.72	6,546	16,803
193.21	5,955	13,615	193.73	6,558	16,868
193.22	5,966	13,674	193.74	6,569	16,934
193.23	5,978	13,734	193.75	6,581	17,000
193.24	5,989	13,794	193.76	6,593	17,065
193.25	6,001	13,854	193.77	6,604	17,131
193.26	6,013	13,914	193.78	6,616	17,197
193.27	6,024	13,974	193.79	6,627	17,264
193.28	6,036	14,035	193.80	6,639	17,330
193.29	6,047	14,095	193.81	6,651	17,396
193.30	6,059	14,156	193.82	6,662	17,463
193.31	6,071	14,216	193.83	6,674	17,530
193.32	6,082	14,277	193.84	6,685	17,596
193.33	6,094	14,338	193.85	6,697	17,663
193.34	6,105	14,399	193.86	6,709	17,730
193.35	6,117	14,460	193.87	6,720	17,798
193.36	6,129	14,521	193.88	6,732	17,865
193.37	6,140	14,582	193.89	6,743	17,932
193.38	6,152	14,644	193.90	6,755	18,000
193.39	6,163	14,706	193.91	6,767	18,067
193.40	6,175	14,767	193.92	6,778	18,135
193.41	6,187	14,829	193.93	6,790	18,203
193.42	6,198	14,891	193.94	6,801	18,271
193.43	6,210	14,953	193.95	6,813	18,339
193.44	6,221	15,015	193.96	6,825	18,407
193.45	6,233	15,077	193.97	6,836	18,475
193.46	6,245	15,140	193.98	6,848	18,544
193.47	6,256	15,202	193.99	6,859	18,612
193.48	6,268	15,265	194.00	6,871	18,681
193.49	6,279	15,328	194.01	6,883	18,750
193.50	6,291	15,391	194.02	6,896	18,819
193.51	6,303	15,453	194.03	6,908	18,888
193.52	6,314	15,517	194.04	6,920	18,957
193.53	6,326	15,580	194.05	6,932	19,026
193.54	6,337	15,643	194.06	6,945	19,095
193.55	6,349	15,707	194.07	6,957	19,165
193.56	6,361	15,770	194.08	6,969	19,235
193.57	6,372	15,834	194.09	6,982	19,304
193.58	6,384	15,897	194.10	6,994	19,374
193.59	6,395	15,961	194.11	7,006	19,444
193.60	6,407	16,025	194.12	7,018	19,514
193.61	6,419	16,090	194.13	7,031	19,585
193.62	6,430	16,154	194.14	7,043	19,655
193.63	6,442	16,218	194.15	7,055	19,725

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	7,067	19,796	194.68	7,706	23,637
194.17	7,080	19,867	194.69	7,718	23,714
194.18	7,092	19,938	194.70	7,731	23,792
194.19	7,104	20,009	194.71	7,743	23,869
194.20	7,117	20,080	194.72	7,755	23,946
194.21	7,129	20,151	194.73	7,767	24,024
194.22	7,141	20,222	194.74	7,780	24,102
194.23	7,153	20,294	194.75	7,792	24,180
194.24	7,166	20,365	194.76	7,804	24,258
194.25	7,178	20,437	194.77	7,817	24,336
194.26	7,190	20,509	194.78	7,829	24,414
194.27	7,203	20,581	194.79	7,841	24,492
194.28	7,215	20,653	194.80	7,853	24,571
194.29	7,227	20,725	194.81	7,866	24,649
194.30	7,239	20,798	194.82	7,878	24,728
194.31	7,252	20,870	194.83	7,890	24,807
194.32	7,264	20,943	194.84	7,903	24,886
194.33	7,276	21,015	194.85	7,915	24,965
194.34	7,289	21,088	194.86	7,927	25,044
194.35	7,301	21,161	194.87	7,939	25,124
194.36	7,313	21,234	194.88	7,952	25,203
194.37	7,325	21,307	194.89	7,964	25,283
194.38	7,338	21,381	194.90	7,976	25,362
194.39	7,350	21,454	194.91	7,988	25,442
194.40	7,362	21,528	194.92	8,001	25,522
194.41	7,374	21,601	194.93	8,013	25,602
194.42	7,387	21,675	194.94	8,025	25,682
194.43	7,399	21,749	194.95	8,038	25,763
194.44	7,411	21,823	194.96	8,050	25,843
194.45	7,424	21,897	194.97	8,062	25,924
194.46	7,436	21,972	194.98	8,074	26,004
194.47	7,448	22,046	194.99	8,087	26,085
194.48	7,460	22,121	195.00	8,099	26,166
194.49	7,473	22,195			
194.50	7,485	22,270			
194.51	7,497	22,345			
194.52	7,510	22,420			
194.53	7,522	22,495			
194.54	7,534	22,570			
194.55	7,546	22,646			
194.56	7,559	22,721			
194.57	7,571	22,797			
194.58	7,583	22,873			
194.59	7,596	22,949			
194.60	7,608	23,025			
194.61	7,620	23,101			
194.62	7,632	23,177			
194.63	7,645	23,253			
194.64	7,657	23,330			
194.65	7,669	23,407			
194.66	7,681	23,483			
194.67	7,694	23,560			

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

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 0.46" for WQ Storm event
 Inflow = 2.57 cfs @ 1.15 hrs, Volume= 0.092 af
 Outflow = 0.00 cfs @ 2.55 hrs, Volume= 0.000 af, Atten= 100%, Lag= 83.6 min
 Primary = 0.00 cfs @ 2.55 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.42' @ 2.55 hrs Surf.Area= 3,284 sf Storage= 4,002 cf

Plug-Flow detention time= 794.2 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 746.3 min (821.9 - 75.7)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,253 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,366	0	0
192.00	2,995	2,681	2,681
193.00	3,681	3,338	6,019
194.00	4,424	4,053	10,071
195.00	5,223	4,824	14,895
195.25	5,644	1,358	16,253

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.42'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

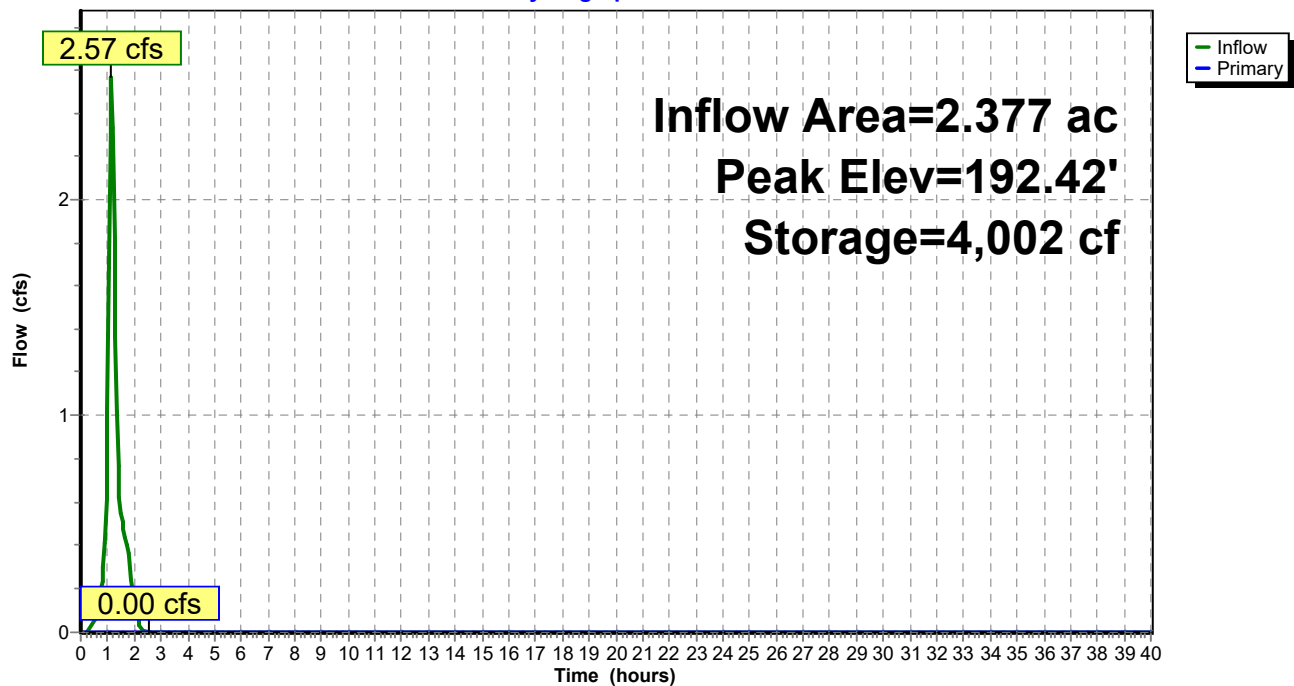
Primary OutFlow Max=0.00 cfs @ 2.55 hrs HW=192.42' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 7.88 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.11 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-36A: Basin #36A

Hydrograph



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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.04	8	191.00	0.00
0.60	0.10	33	191.01	0.00
0.70	0.17	82	191.03	0.00
0.80	0.23	155	191.06	0.00
0.90	0.42	267	191.11	0.00
1.00	1.02	507	191.21	0.00
1.10	2.29	1,108	191.44	0.00
1.20	2.33	1,985	191.76	0.00
1.30	1.37	2,646	191.99	0.00
1.40	0.77	3,022	192.11	0.00
1.50	0.55	3,254	192.19	0.00
1.60	0.48	3,439	192.25	0.00
1.70	0.41	3,596	192.30	0.00
1.80	0.38	3,738	192.34	0.00
1.90	0.25	3,853	192.38	0.00
2.00	0.16	3,923	192.40	0.00
2.10	0.11	3,972	192.41	0.00
2.20	0.03	3,995	192.42	0.00
2.30	0.01	4,001	192.42	0.00
2.40	0.00	4,002	192.42	0.00
2.50	0.00	4,002	192.42	0.00
2.60	0.00	4,002	192.42	0.00
2.70	0.00	4,002	192.42	0.00
2.80	0.00	4,002	192.42	0.00
2.90	0.00	4,002	192.42	0.00
3.00	0.00	4,002	192.42	0.00
3.10	0.00	4,002	192.42	0.00
3.20	0.00	4,002	192.42	0.00
3.30	0.00	4,002	192.42	0.00
3.40	0.00	4,002	192.42	0.00
3.50	0.00	4,002	192.42	0.00
3.60	0.00	4,002	192.42	0.00
3.70	0.00	4,002	192.42	0.00
3.80	0.00	4,002	192.42	0.00
3.90	0.00	4,002	192.42	0.00
4.00	0.00	4,002	192.42	0.00
4.10	0.00	4,002	192.42	0.00
4.20	0.00	4,002	192.42	0.00
4.30	0.00	4,002	192.42	0.00
4.40	0.00	4,002	192.42	0.00
4.50	0.00	4,002	192.42	0.00
4.60	0.00	4,002	192.42	0.00
4.70	0.00	4,002	192.42	0.00
4.80	0.00	4,002	192.42	0.00
4.90	0.00	4,002	192.42	0.00
5.00	0.00	4,002	192.42	0.00
5.10	0.00	4,002	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,002	192.42	0.00
5.30	0.00	4,002	192.42	0.00
5.40	0.00	4,002	192.42	0.00
5.50	0.00	4,001	192.42	0.00
5.60	0.00	4,001	192.42	0.00
5.70	0.00	4,001	192.42	0.00
5.80	0.00	4,001	192.42	0.00
5.90	0.00	4,001	192.42	0.00
6.00	0.00	4,001	192.42	0.00
6.10	0.00	4,001	192.42	0.00
6.20	0.00	4,001	192.42	0.00
6.30	0.00	4,001	192.42	0.00
6.40	0.00	4,001	192.42	0.00
6.50	0.00	4,001	192.42	0.00
6.60	0.00	4,001	192.42	0.00
6.70	0.00	4,001	192.42	0.00
6.80	0.00	4,001	192.42	0.00
6.90	0.00	4,001	192.42	0.00
7.00	0.00	4,001	192.42	0.00
7.10	0.00	4,001	192.42	0.00
7.20	0.00	4,001	192.42	0.00
7.30	0.00	4,001	192.42	0.00
7.40	0.00	4,001	192.42	0.00
7.50	0.00	4,001	192.42	0.00
7.60	0.00	4,001	192.42	0.00
7.70	0.00	4,001	192.42	0.00
7.80	0.00	4,001	192.42	0.00
7.90	0.00	4,001	192.42	0.00
8.00	0.00	4,001	192.42	0.00
8.10	0.00	4,001	192.42	0.00
8.20	0.00	4,001	192.42	0.00
8.30	0.00	4,001	192.42	0.00
8.40	0.00	4,001	192.42	0.00
8.50	0.00	4,001	192.42	0.00
8.60	0.00	4,001	192.42	0.00
8.70	0.00	4,001	192.42	0.00
8.80	0.00	4,001	192.42	0.00
8.90	0.00	4,001	192.42	0.00
9.00	0.00	4,001	192.42	0.00
9.10	0.00	4,001	192.42	0.00
9.20	0.00	4,001	192.42	0.00
9.30	0.00	4,001	192.42	0.00
9.40	0.00	4,001	192.42	0.00
9.50	0.00	4,001	192.42	0.00
9.60	0.00	4,001	192.42	0.00
9.70	0.00	4,001	192.42	0.00
9.80	0.00	4,001	192.42	0.00
9.90	0.00	4,001	192.42	0.00
10.00	0.00	4,001	192.42	0.00
10.10	0.00	4,001	192.42	0.00
10.20	0.00	4,001	192.42	0.00
10.30	0.00	4,001	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,001	192.42	0.00
10.50	0.00	4,001	192.42	0.00
10.60	0.00	4,001	192.42	0.00
10.70	0.00	4,001	192.42	0.00
10.80	0.00	4,001	192.42	0.00
10.90	0.00	4,001	192.42	0.00
11.00	0.00	4,001	192.42	0.00
11.10	0.00	4,001	192.42	0.00
11.20	0.00	4,001	192.42	0.00
11.30	0.00	4,001	192.42	0.00
11.40	0.00	4,001	192.42	0.00
11.50	0.00	4,001	192.42	0.00
11.60	0.00	4,001	192.42	0.00
11.70	0.00	4,001	192.42	0.00
11.80	0.00	4,001	192.42	0.00
11.90	0.00	4,001	192.42	0.00
12.00	0.00	4,001	192.42	0.00
12.10	0.00	4,001	192.42	0.00
12.20	0.00	4,001	192.42	0.00
12.30	0.00	4,001	192.42	0.00
12.40	0.00	4,000	192.42	0.00
12.50	0.00	4,000	192.42	0.00
12.60	0.00	4,000	192.42	0.00
12.70	0.00	4,000	192.42	0.00
12.80	0.00	4,000	192.42	0.00
12.90	0.00	4,000	192.42	0.00
13.00	0.00	4,000	192.42	0.00
13.10	0.00	4,000	192.42	0.00
13.20	0.00	4,000	192.42	0.00
13.30	0.00	4,000	192.42	0.00
13.40	0.00	4,000	192.42	0.00
13.50	0.00	4,000	192.42	0.00
13.60	0.00	4,000	192.42	0.00
13.70	0.00	4,000	192.42	0.00
13.80	0.00	4,000	192.42	0.00
13.90	0.00	4,000	192.42	0.00
14.00	0.00	4,000	192.42	0.00
14.10	0.00	4,000	192.42	0.00
14.20	0.00	4,000	192.42	0.00
14.30	0.00	4,000	192.42	0.00
14.40	0.00	4,000	192.42	0.00
14.50	0.00	4,000	192.42	0.00
14.60	0.00	4,000	192.42	0.00
14.70	0.00	4,000	192.42	0.00
14.80	0.00	4,000	192.42	0.00
14.90	0.00	4,000	192.42	0.00
15.00	0.00	4,000	192.42	0.00
15.10	0.00	4,000	192.42	0.00
15.20	0.00	4,000	192.42	0.00
15.30	0.00	4,000	192.42	0.00
15.40	0.00	4,000	192.42	0.00
15.50	0.00	4,000	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,000	192.42	0.00
15.70	0.00	4,000	192.42	0.00
15.80	0.00	4,000	192.42	0.00
15.90	0.00	4,000	192.42	0.00
16.00	0.00	4,000	192.42	0.00
16.10	0.00	4,000	192.42	0.00
16.20	0.00	4,000	192.42	0.00
16.30	0.00	4,000	192.42	0.00
16.40	0.00	4,000	192.42	0.00
16.50	0.00	4,000	192.42	0.00
16.60	0.00	4,000	192.42	0.00
16.70	0.00	4,000	192.42	0.00
16.80	0.00	4,000	192.42	0.00
16.90	0.00	4,000	192.42	0.00
17.00	0.00	4,000	192.42	0.00
17.10	0.00	4,000	192.42	0.00
17.20	0.00	4,000	192.42	0.00
17.30	0.00	4,000	192.42	0.00
17.40	0.00	4,000	192.42	0.00
17.50	0.00	4,000	192.42	0.00
17.60	0.00	4,000	192.42	0.00
17.70	0.00	4,000	192.42	0.00
17.80	0.00	4,000	192.42	0.00
17.90	0.00	4,000	192.42	0.00
18.00	0.00	4,000	192.42	0.00
18.10	0.00	4,000	192.42	0.00
18.20	0.00	4,000	192.42	0.00
18.30	0.00	4,000	192.42	0.00
18.40	0.00	4,000	192.42	0.00
18.50	0.00	4,000	192.42	0.00
18.60	0.00	4,000	192.42	0.00
18.70	0.00	4,000	192.42	0.00
18.80	0.00	4,000	192.42	0.00
18.90	0.00	4,000	192.42	0.00
19.00	0.00	4,000	192.42	0.00
19.10	0.00	4,000	192.42	0.00
19.20	0.00	4,000	192.42	0.00
19.30	0.00	4,000	192.42	0.00
19.40	0.00	4,000	192.42	0.00
19.50	0.00	4,000	192.42	0.00
19.60	0.00	4,000	192.42	0.00
19.70	0.00	4,000	192.42	0.00
19.80	0.00	4,000	192.42	0.00
19.90	0.00	4,000	192.42	0.00
20.00	0.00	4,000	192.42	0.00
20.10	0.00	4,000	192.42	0.00
20.20	0.00	4,000	192.42	0.00
20.30	0.00	4,000	192.42	0.00
20.40	0.00	4,000	192.42	0.00
20.50	0.00	4,000	192.42	0.00
20.60	0.00	4,000	192.42	0.00
20.70	0.00	4,000	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,000	192.42	0.00
20.90	0.00	4,000	192.42	0.00
21.00	0.00	4,000	192.42	0.00
21.10	0.00	4,000	192.42	0.00
21.20	0.00	4,000	192.42	0.00
21.30	0.00	4,000	192.42	0.00
21.40	0.00	4,000	192.42	0.00
21.50	0.00	4,000	192.42	0.00
21.60	0.00	4,000	192.42	0.00
21.70	0.00	4,000	192.42	0.00
21.80	0.00	4,000	192.42	0.00
21.90	0.00	4,000	192.42	0.00
22.00	0.00	4,000	192.42	0.00
22.10	0.00	4,000	192.42	0.00
22.20	0.00	4,000	192.42	0.00
22.30	0.00	4,000	192.42	0.00
22.40	0.00	4,000	192.42	0.00
22.50	0.00	4,000	192.42	0.00
22.60	0.00	4,000	192.42	0.00
22.70	0.00	4,000	192.42	0.00
22.80	0.00	4,000	192.42	0.00
22.90	0.00	4,000	192.42	0.00
23.00	0.00	4,000	192.42	0.00
23.10	0.00	4,000	192.42	0.00
23.20	0.00	4,000	192.42	0.00
23.30	0.00	4,000	192.42	0.00
23.40	0.00	4,000	192.42	0.00
23.50	0.00	4,000	192.42	0.00
23.60	0.00	4,000	192.42	0.00
23.70	0.00	4,000	192.42	0.00
23.80	0.00	4,000	192.42	0.00
23.90	0.00	4,000	192.42	0.00
24.00	0.00	4,000	192.42	0.00
24.10	0.00	4,000	192.42	0.00
24.20	0.00	4,000	192.42	0.00
24.30	0.00	4,000	192.42	0.00
24.40	0.00	4,000	192.42	0.00
24.50	0.00	4,000	192.42	0.00
24.60	0.00	4,000	192.42	0.00
24.70	0.00	4,000	192.42	0.00
24.80	0.00	4,000	192.42	0.00
24.90	0.00	4,000	192.42	0.00
25.00	0.00	4,000	192.42	0.00
25.10	0.00	4,000	192.42	0.00
25.20	0.00	4,000	192.42	0.00
25.30	0.00	4,000	192.42	0.00
25.40	0.00	4,000	192.42	0.00
25.50	0.00	4,000	192.42	0.00
25.60	0.00	4,000	192.42	0.00
25.70	0.00	4,000	192.42	0.00
25.80	0.00	4,000	192.42	0.00
25.90	0.00	4,000	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,000	192.42	0.00
26.10	0.00	4,000	192.42	0.00
26.20	0.00	4,000	192.42	0.00
26.30	0.00	4,000	192.42	0.00
26.40	0.00	4,000	192.42	0.00
26.50	0.00	3,999	192.42	0.00
26.60	0.00	3,999	192.42	0.00
26.70	0.00	3,999	192.42	0.00
26.80	0.00	3,999	192.42	0.00
26.90	0.00	3,999	192.42	0.00
27.00	0.00	3,999	192.42	0.00
27.10	0.00	3,999	192.42	0.00
27.20	0.00	3,999	192.42	0.00
27.30	0.00	3,999	192.42	0.00
27.40	0.00	3,999	192.42	0.00
27.50	0.00	3,999	192.42	0.00
27.60	0.00	3,999	192.42	0.00
27.70	0.00	3,999	192.42	0.00
27.80	0.00	3,999	192.42	0.00
27.90	0.00	3,999	192.42	0.00
28.00	0.00	3,999	192.42	0.00
28.10	0.00	3,999	192.42	0.00
28.20	0.00	3,999	192.42	0.00
28.30	0.00	3,999	192.42	0.00
28.40	0.00	3,999	192.42	0.00
28.50	0.00	3,999	192.42	0.00
28.60	0.00	3,999	192.42	0.00
28.70	0.00	3,999	192.42	0.00
28.80	0.00	3,999	192.42	0.00
28.90	0.00	3,999	192.42	0.00
29.00	0.00	3,999	192.42	0.00
29.10	0.00	3,999	192.42	0.00
29.20	0.00	3,999	192.42	0.00
29.30	0.00	3,999	192.42	0.00
29.40	0.00	3,999	192.42	0.00
29.50	0.00	3,999	192.42	0.00
29.60	0.00	3,999	192.42	0.00
29.70	0.00	3,999	192.42	0.00
29.80	0.00	3,999	192.42	0.00
29.90	0.00	3,999	192.42	0.00
30.00	0.00	3,999	192.42	0.00
30.10	0.00	3,999	192.42	0.00
30.20	0.00	3,999	192.42	0.00
30.30	0.00	3,999	192.42	0.00
30.40	0.00	3,999	192.42	0.00
30.50	0.00	3,999	192.42	0.00
30.60	0.00	3,999	192.42	0.00
30.70	0.00	3,999	192.42	0.00
30.80	0.00	3,999	192.42	0.00
30.90	0.00	3,999	192.42	0.00
31.00	0.00	3,999	192.42	0.00
31.10	0.00	3,999	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,999	192.42	0.00
31.30	0.00	3,999	192.42	0.00
31.40	0.00	3,999	192.42	0.00
31.50	0.00	3,999	192.42	0.00
31.60	0.00	3,999	192.42	0.00
31.70	0.00	3,999	192.42	0.00
31.80	0.00	3,999	192.42	0.00
31.90	0.00	3,999	192.42	0.00
32.00	0.00	3,999	192.42	0.00
32.10	0.00	3,999	192.42	0.00
32.20	0.00	3,999	192.42	0.00
32.30	0.00	3,999	192.42	0.00
32.40	0.00	3,999	192.42	0.00
32.50	0.00	3,999	192.42	0.00
32.60	0.00	3,999	192.42	0.00
32.70	0.00	3,999	192.42	0.00
32.80	0.00	3,999	192.42	0.00
32.90	0.00	3,999	192.42	0.00
33.00	0.00	3,999	192.42	0.00
33.10	0.00	3,999	192.42	0.00
33.20	0.00	3,999	192.42	0.00
33.30	0.00	3,999	192.42	0.00
33.40	0.00	3,999	192.42	0.00
33.50	0.00	3,999	192.42	0.00
33.60	0.00	3,999	192.42	0.00
33.70	0.00	3,999	192.42	0.00
33.80	0.00	3,999	192.42	0.00
33.90	0.00	3,999	192.42	0.00
34.00	0.00	3,999	192.42	0.00
34.10	0.00	3,999	192.42	0.00
34.20	0.00	3,999	192.42	0.00
34.30	0.00	3,999	192.42	0.00
34.40	0.00	3,999	192.42	0.00
34.50	0.00	3,999	192.42	0.00
34.60	0.00	3,999	192.42	0.00
34.70	0.00	3,999	192.42	0.00
34.80	0.00	3,999	192.42	0.00
34.90	0.00	3,999	192.42	0.00
35.00	0.00	3,999	192.42	0.00
35.10	0.00	3,999	192.42	0.00
35.20	0.00	3,999	192.42	0.00
35.30	0.00	3,999	192.42	0.00
35.40	0.00	3,999	192.42	0.00
35.50	0.00	3,999	192.42	0.00
35.60	0.00	3,999	192.42	0.00
35.70	0.00	3,999	192.42	0.00
35.80	0.00	3,999	192.42	0.00
35.90	0.00	3,999	192.42	0.00
36.00	0.00	3,999	192.42	0.00
36.10	0.00	3,999	192.42	0.00
36.20	0.00	3,999	192.42	0.00
36.30	0.00	3,999	192.42	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,999	192.42	0.00
36.50	0.00	3,999	192.42	0.00
36.60	0.00	3,999	192.42	0.00
36.70	0.00	3,999	192.42	0.00
36.80	0.00	3,999	192.42	0.00
36.90	0.00	3,999	192.42	0.00
37.00	0.00	3,999	192.42	0.00
37.10	0.00	3,999	192.42	0.00
37.20	0.00	3,999	192.42	0.00
37.30	0.00	3,999	192.42	0.00
37.40	0.00	3,999	192.42	0.00
37.50	0.00	3,999	192.42	0.00
37.60	0.00	3,999	192.42	0.00
37.70	0.00	3,999	192.42	0.00
37.80	0.00	3,999	192.42	0.00
37.90	0.00	3,999	192.42	0.00
38.00	0.00	3,999	192.42	0.00
38.10	0.00	3,999	192.42	0.00
38.20	0.00	3,999	192.42	0.00
38.30	0.00	3,999	192.42	0.00
38.40	0.00	3,999	192.42	0.00
38.50	0.00	3,999	192.42	0.00
38.60	0.00	3,999	192.42	0.00
38.70	0.00	3,999	192.42	0.00
38.80	0.00	3,999	192.42	0.00
38.90	0.00	3,999	192.42	0.00
39.00	0.00	3,999	192.42	0.00
39.10	0.00	3,999	192.42	0.00
39.20	0.00	3,999	192.42	0.00
39.30	0.00	3,999	192.42	0.00
39.40	0.00	3,999	192.42	0.00
39.50	0.00	3,999	192.42	0.00
39.60	0.00	3,999	192.42	0.00
39.70	0.00	3,999	192.42	0.00
39.80	0.00	3,999	192.42	0.00
39.90	0.00	3,999	192.42	0.00
40.00	0.00	3,999	192.42	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.04
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.05
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.06
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.06
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.07
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.08
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.08
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.09
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.10
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.10
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.11
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.12
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.13
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.13
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.14
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.15
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.15
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.16
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.17
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.17
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.17
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.18
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.18
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.19
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.19
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.20
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.20
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.21
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.21
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.22
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.22
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.22
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.23
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.23
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.24
191.35	0.00	191.87	0.00	192.39	0.00	192.91	0.24
191.36	0.00	191.88	0.00	192.40	0.00	192.92	0.24
191.37	0.00	191.89	0.00	192.41	0.00	192.93	0.25
191.38	0.00	191.90	0.00	192.42	0.00	192.94	0.25
191.39	0.00	191.91	0.00	192.43	0.00	192.95	0.25
191.40	0.00	191.92	0.00	192.44	0.00	192.96	0.26
191.41	0.00	191.93	0.00	192.45	0.00	192.97	0.26
191.42	0.00	191.94	0.00	192.46	0.00	192.98	0.26
191.43	0.00	191.95	0.00	192.47	0.01	192.99	0.27
191.44	0.00	191.96	0.00	192.48	0.01	193.00	0.27
191.45	0.00	191.97	0.00	192.49	0.01	193.01	0.27
191.46	0.00	191.98	0.00	192.50	0.02	193.02	0.28
191.47	0.00	191.99	0.00	192.51	0.02	193.03	0.28
191.48	0.00	192.00	0.00	192.52	0.02	193.04	0.28
191.49	0.00	192.01	0.00	192.53	0.03	193.05	0.29
191.50	0.00	192.02	0.00	192.54	0.03	193.06	0.29
191.51	0.00	192.03	0.00	192.55	0.04	193.07	0.29

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.30	193.60	0.42	194.12	1.06	194.64	7.08
193.09	0.30	193.61	0.43	194.13	1.13	194.65	7.24
193.10	0.30	193.62	0.43	194.14	1.20	194.66	7.39
193.11	0.30	193.63	0.43	194.15	1.28	194.67	7.54
193.12	0.31	193.64	0.43	194.16	1.36	194.68	7.69
193.13	0.31	193.65	0.43	194.17	1.44	194.69	7.85
193.14	0.31	193.66	0.44	194.18	1.52	194.70	8.00
193.15	0.32	193.67	0.44	194.19	1.61	194.71	8.16
193.16	0.32	193.68	0.44	194.20	1.69	194.72	8.32
193.17	0.32	193.69	0.44	194.21	1.78	194.73	8.48
193.18	0.32	193.70	0.44	194.22	1.87	194.74	8.63
193.19	0.33	193.71	0.45	194.23	1.96	194.75	8.80
193.20	0.33	193.72	0.45	194.24	2.06	194.76	8.96
193.21	0.33	193.73	0.45	194.25	2.16	194.77	9.12
193.22	0.33	193.74	0.45	194.26	2.26	194.78	9.28
193.23	0.34	193.75	0.45	194.27	2.36	194.79	9.45
193.24	0.34	193.76	0.46	194.28	2.46	194.80	9.61
193.25	0.34	193.77	0.46	194.29	2.56	194.81	9.78
193.26	0.34	193.78	0.46	194.30	2.67	194.82	9.94
193.27	0.35	193.79	0.46	194.31	2.77	194.83	10.11
193.28	0.35	193.80	0.46	194.32	2.88	194.84	10.28
193.29	0.35	193.81	0.46	194.33	2.99	194.85	10.45
193.30	0.35	193.82	0.47	194.34	3.11	194.86	10.62
193.31	0.36	193.83	0.47	194.35	3.22	194.87	10.79
193.32	0.36	193.84	0.47	194.36	3.33	194.88	10.96
193.33	0.36	193.85	0.47	194.37	3.45	194.89	11.13
193.34	0.36	193.86	0.47	194.38	3.57	194.90	11.30
193.35	0.37	193.87	0.48	194.39	3.69	194.91	11.48
193.36	0.37	193.88	0.48	194.40	3.81	194.92	11.65
193.37	0.37	193.89	0.48	194.41	3.93	194.93	11.83
193.38	0.37	193.90	0.48	194.42	4.05	194.94	12.00
193.39	0.38	193.91	0.48	194.43	4.18	194.95	12.18
193.40	0.38	193.92	0.49	194.44	4.31	194.96	12.48
193.41	0.38	193.93	0.49	194.45	4.43	194.97	12.87
193.42	0.38	193.94	0.49	194.46	4.56	194.98	13.33
193.43	0.39	193.95	0.49	194.47	4.69	194.99	13.84
193.44	0.39	193.96	0.49	194.48	4.82	195.00	14.39
193.45	0.39	193.97	0.49	194.49	4.96	195.01	14.98
193.46	0.39	193.98	0.50	194.50	5.09	195.02	15.62
193.47	0.39	193.99	0.50	194.51	5.23	195.03	16.28
193.48	0.40	194.00	0.50	194.52	5.36	195.04	16.98
193.49	0.40	194.01	0.51	194.53	5.50	195.05	17.71
193.50	0.40	194.02	0.54	194.54	5.64	195.06	18.47
193.51	0.40	194.03	0.57	194.55	5.78	195.07	19.26
193.52	0.41	194.04	0.61	194.56	5.92	195.08	20.07
193.53	0.41	194.05	0.65	194.57	6.06	195.09	20.91
193.54	0.41	194.06	0.70	194.58	6.20	195.10	21.77
193.55	0.41	194.07	0.75	194.59	6.35	195.11	22.66
193.56	0.41	194.08	0.81	194.60	6.49	195.12	23.57
193.57	0.42	194.09	0.87	194.61	6.64	195.13	24.40
193.58	0.42	194.10	0.93	194.62	6.79	195.14	25.18
193.59	0.42	194.11	0.99	194.63	6.94	195.15	25.99

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

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,366	0	191.52	2,693	1,315
191.01	2,372	24	191.53	2,699	1,342
191.02	2,379	47	191.54	2,706	1,369
191.03	2,385	71	191.55	2,712	1,396
191.04	2,391	95	191.56	2,718	1,424
191.05	2,397	119	191.57	2,725	1,451
191.06	2,404	143	191.58	2,731	1,478
191.07	2,410	167	191.59	2,737	1,505
191.08	2,416	191	191.60	2,743	1,533
191.09	2,423	215	191.61	2,750	1,560
191.10	2,429	240	191.62	2,756	1,588
191.11	2,435	264	191.63	2,762	1,615
191.12	2,441	288	191.64	2,769	1,643
191.13	2,448	313	191.65	2,775	1,671
191.14	2,454	337	191.66	2,781	1,699
191.15	2,460	362	191.67	2,787	1,726
191.16	2,467	387	191.68	2,794	1,754
191.17	2,473	411	191.69	2,800	1,782
191.18	2,479	436	191.70	2,806	1,810
191.19	2,486	461	191.71	2,813	1,838
191.20	2,492	486	191.72	2,819	1,867
191.21	2,498	511	191.73	2,825	1,895
191.22	2,504	536	191.74	2,831	1,923
191.23	2,511	561	191.75	2,838	1,951
191.24	2,517	586	191.76	2,844	1,980
191.25	2,523	611	191.77	2,850	2,008
191.26	2,530	636	191.78	2,857	2,037
191.27	2,536	662	191.79	2,863	2,065
191.28	2,542	687	191.80	2,869	2,094
191.29	2,548	713	191.81	2,875	2,123
191.30	2,555	738	191.82	2,882	2,152
191.31	2,561	764	191.83	2,888	2,180
191.32	2,567	789	191.84	2,894	2,209
191.33	2,574	815	191.85	2,901	2,238
191.34	2,580	841	191.86	2,907	2,267
191.35	2,586	867	191.87	2,913	2,296
191.36	2,592	893	191.88	2,920	2,326
191.37	2,599	918	191.89	2,926	2,355
191.38	2,605	944	191.90	2,932	2,384
191.39	2,611	971	191.91	2,938	2,413
191.40	2,618	997	191.92	2,945	2,443
191.41	2,624	1,023	191.93	2,951	2,472
191.42	2,630	1,049	191.94	2,957	2,502
191.43	2,636	1,076	191.95	2,964	2,532
191.44	2,643	1,102	191.96	2,970	2,561
191.45	2,649	1,128	191.97	2,976	2,591
191.46	2,655	1,155	191.98	2,982	2,621
191.47	2,662	1,181	191.99	2,989	2,651
191.48	2,668	1,208	192.00	2,995	2,681
191.49	2,674	1,235	192.01	3,002	2,710
191.50	2,681	1,262	192.02	3,009	2,741
191.51	2,687	1,288	192.03	3,016	2,771

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	3,022	2,801	192.56	3,379	4,465
192.05	3,029	2,831	192.57	3,386	4,499
192.06	3,036	2,861	192.58	3,393	4,533
192.07	3,043	2,892	192.59	3,400	4,567
192.08	3,050	2,922	192.60	3,407	4,601
192.09	3,057	2,953	192.61	3,413	4,635
192.10	3,064	2,983	192.62	3,420	4,669
192.11	3,070	3,014	192.63	3,427	4,703
192.12	3,077	3,045	192.64	3,434	4,738
192.13	3,084	3,076	192.65	3,441	4,772
192.14	3,091	3,107	192.66	3,448	4,807
192.15	3,098	3,137	192.67	3,455	4,841
192.16	3,105	3,168	192.68	3,461	4,876
192.17	3,112	3,200	192.69	3,468	4,910
192.18	3,118	3,231	192.70	3,475	4,945
192.19	3,125	3,262	192.71	3,482	4,980
192.20	3,132	3,293	192.72	3,489	5,015
192.21	3,139	3,325	192.73	3,496	5,050
192.22	3,146	3,356	192.74	3,503	5,085
192.23	3,153	3,387	192.75	3,510	5,120
192.24	3,160	3,419	192.76	3,516	5,155
192.25	3,167	3,451	192.77	3,523	5,190
192.26	3,173	3,482	192.78	3,530	5,225
192.27	3,180	3,514	192.79	3,537	5,261
192.28	3,187	3,546	192.80	3,544	5,296
192.29	3,194	3,578	192.81	3,551	5,331
192.30	3,201	3,610	192.82	3,558	5,367
192.31	3,208	3,642	192.83	3,564	5,403
192.32	3,215	3,674	192.84	3,571	5,438
192.33	3,221	3,706	192.85	3,578	5,474
192.34	3,228	3,738	192.86	3,585	5,510
192.35	3,235	3,771	192.87	3,592	5,546
192.36	3,242	3,803	192.88	3,599	5,582
192.37	3,249	3,836	192.89	3,606	5,618
192.38	3,256	3,868	192.90	3,612	5,654
192.39	3,263	3,901	192.91	3,619	5,690
192.40	3,269	3,933	192.92	3,626	5,726
192.41	3,276	3,966	192.93	3,633	5,763
192.42	3,283	3,999	192.94	3,640	5,799
192.43	3,290	4,032	192.95	3,647	5,835
192.44	3,297	4,065	192.96	3,654	5,872
192.45	3,304	4,098	192.97	3,660	5,908
192.46	3,311	4,131	192.98	3,667	5,945
192.47	3,317	4,164	192.99	3,674	5,982
192.48	3,324	4,197	193.00	3,681	6,019
192.49	3,331	4,230	193.01	3,688	6,055
192.50	3,338	4,264	193.02	3,696	6,092
192.51	3,345	4,297	193.03	3,703	6,129
192.52	3,352	4,331	193.04	3,711	6,166
192.53	3,359	4,364	193.05	3,718	6,203
192.54	3,365	4,398	193.06	3,726	6,241
192.55	3,372	4,432	193.07	3,733	6,278

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,740	6,315	193.60	4,127	8,361
193.09	3,748	6,353	193.61	4,134	8,402
193.10	3,755	6,390	193.62	4,142	8,444
193.11	3,763	6,428	193.63	4,149	8,485
193.12	3,770	6,466	193.64	4,157	8,527
193.13	3,778	6,503	193.65	4,164	8,568
193.14	3,785	6,541	193.66	4,171	8,610
193.15	3,792	6,579	193.67	4,179	8,652
193.16	3,800	6,617	193.68	4,186	8,693
193.17	3,807	6,655	193.69	4,194	8,735
193.18	3,815	6,693	193.70	4,201	8,777
193.19	3,822	6,731	193.71	4,209	8,819
193.20	3,830	6,770	193.72	4,216	8,861
193.21	3,837	6,808	193.73	4,223	8,904
193.22	3,844	6,846	193.74	4,231	8,946
193.23	3,852	6,885	193.75	4,238	8,988
193.24	3,859	6,923	193.76	4,246	9,031
193.25	3,867	6,962	193.77	4,253	9,073
193.26	3,874	7,001	193.78	4,261	9,116
193.27	3,882	7,039	193.79	4,268	9,158
193.28	3,889	7,078	193.80	4,275	9,201
193.29	3,896	7,117	193.81	4,283	9,244
193.30	3,904	7,156	193.82	4,290	9,287
193.31	3,911	7,195	193.83	4,298	9,330
193.32	3,919	7,234	193.84	4,305	9,373
193.33	3,926	7,274	193.85	4,313	9,416
193.34	3,934	7,313	193.86	4,320	9,459
193.35	3,941	7,352	193.87	4,327	9,502
193.36	3,948	7,392	193.88	4,335	9,545
193.37	3,956	7,431	193.89	4,342	9,589
193.38	3,963	7,471	193.90	4,350	9,632
193.39	3,971	7,511	193.91	4,357	9,676
193.40	3,978	7,550	193.92	4,365	9,719
193.41	3,986	7,590	193.93	4,372	9,763
193.42	3,993	7,630	193.94	4,379	9,807
193.43	4,000	7,670	193.95	4,387	9,851
193.44	4,008	7,710	193.96	4,394	9,895
193.45	4,015	7,750	193.97	4,402	9,939
193.46	4,023	7,790	193.98	4,409	9,983
193.47	4,030	7,831	193.99	4,417	10,027
193.48	4,038	7,871	194.00	4,424	10,071
193.49	4,045	7,911	194.01	4,432	10,115
193.50	4,053	7,952	194.02	4,440	10,160
193.51	4,060	7,992	194.03	4,448	10,204
193.52	4,067	8,033	194.04	4,456	10,249
193.53	4,075	8,074	194.05	4,464	10,293
193.54	4,082	8,115	194.06	4,472	10,338
193.55	4,090	8,155	194.07	4,480	10,383
193.56	4,097	8,196	194.08	4,488	10,427
193.57	4,105	8,237	194.09	4,496	10,472
193.58	4,112	8,278	194.10	4,504	10,517
193.59	4,119	8,320	194.11	4,512	10,562

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,520	10,608	194.64	4,935	13,066
194.13	4,528	10,653	194.65	4,943	13,115
194.14	4,536	10,698	194.66	4,951	13,165
194.15	4,544	10,744	194.67	4,959	13,214
194.16	4,552	10,789	194.68	4,967	13,264
194.17	4,560	10,835	194.69	4,975	13,314
194.18	4,568	10,880	194.70	4,983	13,364
194.19	4,576	10,926	194.71	4,991	13,413
194.20	4,584	10,972	194.72	4,999	13,463
194.21	4,592	11,018	194.73	5,007	13,513
194.22	4,600	11,064	194.74	5,015	13,564
194.23	4,608	11,110	194.75	5,023	13,614
194.24	4,616	11,156	194.76	5,031	13,664
194.25	4,624	11,202	194.77	5,039	13,714
194.26	4,632	11,248	194.78	5,047	13,765
194.27	4,640	11,295	194.79	5,055	13,815
194.28	4,648	11,341	194.80	5,063	13,866
194.29	4,656	11,388	194.81	5,071	13,917
194.30	4,664	11,434	194.82	5,079	13,967
194.31	4,672	11,481	194.83	5,087	14,018
194.32	4,680	11,528	194.84	5,095	14,069
194.33	4,688	11,574	194.85	5,103	14,120
194.34	4,696	11,621	194.86	5,111	14,171
194.35	4,704	11,668	194.87	5,119	14,222
194.36	4,712	11,715	194.88	5,127	14,273
194.37	4,720	11,763	194.89	5,135	14,325
194.38	4,728	11,810	194.90	5,143	14,376
194.39	4,736	11,857	194.91	5,151	14,428
194.40	4,744	11,905	194.92	5,159	14,479
194.41	4,752	11,952	194.93	5,167	14,531
194.42	4,760	12,000	194.94	5,175	14,583
194.43	4,768	12,047	194.95	5,183	14,634
194.44	4,776	12,095	194.96	5,191	14,686
194.45	4,784	12,143	194.97	5,199	14,738
194.46	4,792	12,191	194.98	5,207	14,790
194.47	4,800	12,239	194.99	5,215	14,842
194.48	4,808	12,287	195.00	5,223	14,895
194.49	4,816	12,335	195.01	5,240	14,947
194.50	4,824	12,383	195.02	5,257	14,999
194.51	4,831	12,431	195.03	5,274	15,052
194.52	4,839	12,480	195.04	5,290	15,105
194.53	4,847	12,528	195.05	5,307	15,158
194.54	4,855	12,576	195.06	5,324	15,211
194.55	4,863	12,625	195.07	5,341	15,264
194.56	4,871	12,674	195.08	5,358	15,318
194.57	4,879	12,722	195.09	5,375	15,371
194.58	4,887	12,771	195.10	5,391	15,425
194.59	4,895	12,820	195.11	5,408	15,479
194.60	4,903	12,869	195.12	5,425	15,533
194.61	4,911	12,918	195.13	5,442	15,588
194.62	4,919	12,967	195.14	5,459	15,642
194.63	4,927	13,017	195.15	5,476	15,697

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,492	15,752
195.17	5,509	15,807
195.18	5,526	15,862
195.19	5,543	15,917
195.20	5,560	15,973
195.21	5,577	16,028
195.22	5,593	16,084
195.23	5,610	16,140
195.24	5,627	16,197
195.25	5,644	16,253

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

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 0.52" for WQ Storm event
 Inflow = 3.03 cfs @ 1.15 hrs, Volume= 0.107 af
 Outflow = 0.00 cfs @ 2.39 hrs, Volume= 0.000 af, Atten= 100%, Lag= 74.6 min
 Primary = 0.00 cfs @ 2.39 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.68' @ 2.39 hrs Surf.Area= 3,463 sf Storage= 4,667 cf

Plug-Flow detention time= 151.9 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 103.8 min (179.1 - 75.3)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,337 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,110	0	0
192.00	2,893	2,502	2,502
193.00	3,730	3,312	5,813
194.00	4,547	4,139	9,952
195.00	5,356	4,952	14,903
195.25	6,113	1,434	16,337

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.68'	36.0" W x 2.5" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.55'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

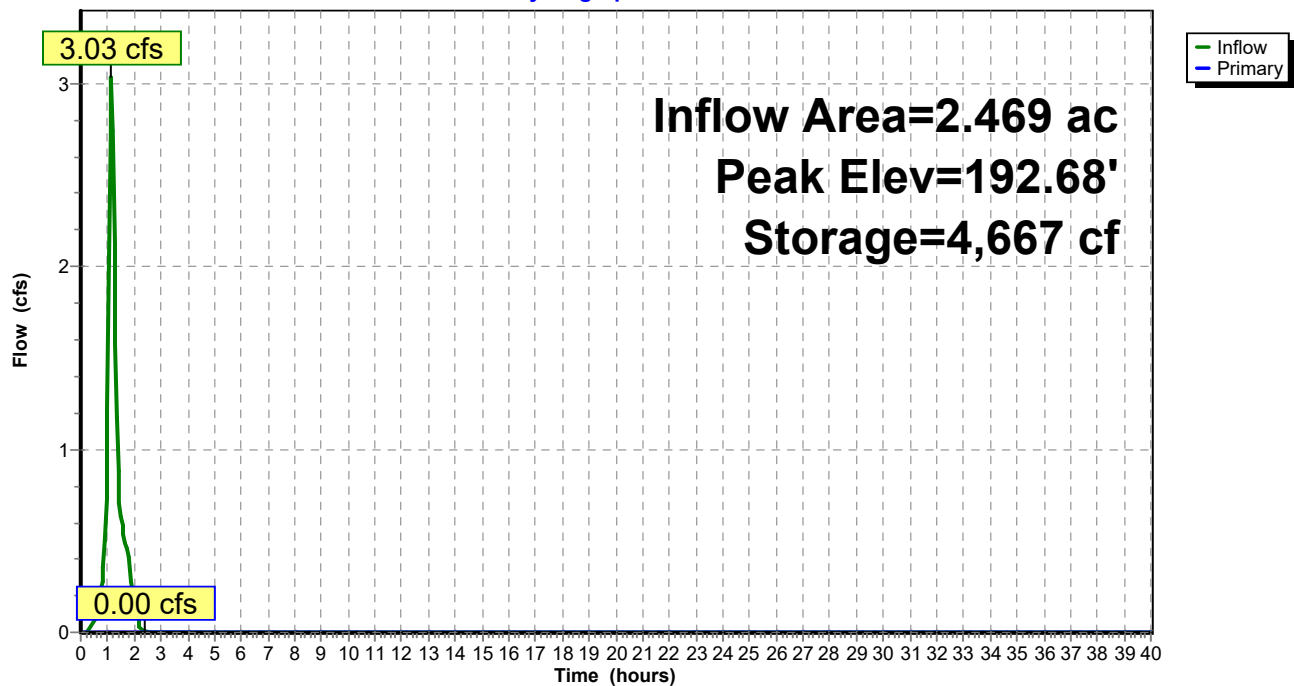
Primary OutFlow Max=0.00 cfs @ 2.39 hrs HW=192.68' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 8.51 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.12 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.01	1	191.00	0.00
0.50	0.05	9	191.00	0.00
0.60	0.12	39	191.02	0.00
0.70	0.21	98	191.05	0.00
0.80	0.28	185	191.09	0.00
0.90	0.49	318	191.15	0.00
1.00	1.22	603	191.27	0.00
1.10	2.72	1,319	191.57	0.00
1.20	2.74	2,356	191.95	0.00
1.30	1.58	3,127	192.21	0.00
1.40	0.88	3,560	192.35	0.00
1.50	0.63	3,824	192.43	0.00
1.60	0.54	4,034	192.49	0.00
1.70	0.46	4,212	192.55	0.00
1.80	0.43	4,372	192.60	0.00
1.90	0.28	4,501	192.63	0.00
2.00	0.18	4,580	192.66	0.00
2.10	0.12	4,634	192.67	0.00
2.20	0.03	4,660	192.68	0.00
2.30	0.01	4,667	192.68	0.00
2.40	0.00	4,667	192.68	0.00
2.50	0.00	4,667	192.68	0.00
2.60	0.00	4,666	192.68	0.00
2.70	0.00	4,666	192.68	0.00
2.80	0.00	4,665	192.68	0.00
2.90	0.00	4,665	192.68	0.00
3.00	0.00	4,665	192.68	0.00
3.10	0.00	4,664	192.68	0.00
3.20	0.00	4,664	192.68	0.00
3.30	0.00	4,664	192.68	0.00
3.40	0.00	4,664	192.68	0.00
3.50	0.00	4,663	192.68	0.00
3.60	0.00	4,663	192.68	0.00
3.70	0.00	4,663	192.68	0.00
3.80	0.00	4,663	192.68	0.00
3.90	0.00	4,663	192.68	0.00
4.00	0.00	4,663	192.68	0.00
4.10	0.00	4,663	192.68	0.00
4.20	0.00	4,663	192.68	0.00
4.30	0.00	4,663	192.68	0.00
4.40	0.00	4,663	192.68	0.00
4.50	0.00	4,663	192.68	0.00
4.60	0.00	4,662	192.68	0.00
4.70	0.00	4,662	192.68	0.00
4.80	0.00	4,662	192.68	0.00
4.90	0.00	4,662	192.68	0.00
5.00	0.00	4,662	192.68	0.00
5.10	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,662	192.68	0.00
5.30	0.00	4,662	192.68	0.00
5.40	0.00	4,662	192.68	0.00
5.50	0.00	4,662	192.68	0.00
5.60	0.00	4,662	192.68	0.00
5.70	0.00	4,662	192.68	0.00
5.80	0.00	4,662	192.68	0.00
5.90	0.00	4,662	192.68	0.00
6.00	0.00	4,662	192.68	0.00
6.10	0.00	4,662	192.68	0.00
6.20	0.00	4,662	192.68	0.00
6.30	0.00	4,662	192.68	0.00
6.40	0.00	4,662	192.68	0.00
6.50	0.00	4,662	192.68	0.00
6.60	0.00	4,662	192.68	0.00
6.70	0.00	4,662	192.68	0.00
6.80	0.00	4,662	192.68	0.00
6.90	0.00	4,662	192.68	0.00
7.00	0.00	4,662	192.68	0.00
7.10	0.00	4,662	192.68	0.00
7.20	0.00	4,662	192.68	0.00
7.30	0.00	4,662	192.68	0.00
7.40	0.00	4,662	192.68	0.00
7.50	0.00	4,662	192.68	0.00
7.60	0.00	4,662	192.68	0.00
7.70	0.00	4,662	192.68	0.00
7.80	0.00	4,662	192.68	0.00
7.90	0.00	4,662	192.68	0.00
8.00	0.00	4,662	192.68	0.00
8.10	0.00	4,662	192.68	0.00
8.20	0.00	4,662	192.68	0.00
8.30	0.00	4,662	192.68	0.00
8.40	0.00	4,662	192.68	0.00
8.50	0.00	4,662	192.68	0.00
8.60	0.00	4,662	192.68	0.00
8.70	0.00	4,662	192.68	0.00
8.80	0.00	4,662	192.68	0.00
8.90	0.00	4,662	192.68	0.00
9.00	0.00	4,662	192.68	0.00
9.10	0.00	4,662	192.68	0.00
9.20	0.00	4,662	192.68	0.00
9.30	0.00	4,662	192.68	0.00
9.40	0.00	4,662	192.68	0.00
9.50	0.00	4,662	192.68	0.00
9.60	0.00	4,662	192.68	0.00
9.70	0.00	4,662	192.68	0.00
9.80	0.00	4,662	192.68	0.00
9.90	0.00	4,662	192.68	0.00
10.00	0.00	4,662	192.68	0.00
10.10	0.00	4,662	192.68	0.00
10.20	0.00	4,662	192.68	0.00
10.30	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,662	192.68	0.00
10.50	0.00	4,662	192.68	0.00
10.60	0.00	4,662	192.68	0.00
10.70	0.00	4,662	192.68	0.00
10.80	0.00	4,662	192.68	0.00
10.90	0.00	4,662	192.68	0.00
11.00	0.00	4,662	192.68	0.00
11.10	0.00	4,662	192.68	0.00
11.20	0.00	4,662	192.68	0.00
11.30	0.00	4,662	192.68	0.00
11.40	0.00	4,662	192.68	0.00
11.50	0.00	4,662	192.68	0.00
11.60	0.00	4,662	192.68	0.00
11.70	0.00	4,662	192.68	0.00
11.80	0.00	4,662	192.68	0.00
11.90	0.00	4,662	192.68	0.00
12.00	0.00	4,662	192.68	0.00
12.10	0.00	4,662	192.68	0.00
12.20	0.00	4,662	192.68	0.00
12.30	0.00	4,662	192.68	0.00
12.40	0.00	4,662	192.68	0.00
12.50	0.00	4,662	192.68	0.00
12.60	0.00	4,662	192.68	0.00
12.70	0.00	4,662	192.68	0.00
12.80	0.00	4,662	192.68	0.00
12.90	0.00	4,662	192.68	0.00
13.00	0.00	4,662	192.68	0.00
13.10	0.00	4,662	192.68	0.00
13.20	0.00	4,662	192.68	0.00
13.30	0.00	4,662	192.68	0.00
13.40	0.00	4,662	192.68	0.00
13.50	0.00	4,662	192.68	0.00
13.60	0.00	4,662	192.68	0.00
13.70	0.00	4,662	192.68	0.00
13.80	0.00	4,662	192.68	0.00
13.90	0.00	4,662	192.68	0.00
14.00	0.00	4,662	192.68	0.00
14.10	0.00	4,662	192.68	0.00
14.20	0.00	4,662	192.68	0.00
14.30	0.00	4,662	192.68	0.00
14.40	0.00	4,662	192.68	0.00
14.50	0.00	4,662	192.68	0.00
14.60	0.00	4,662	192.68	0.00
14.70	0.00	4,662	192.68	0.00
14.80	0.00	4,662	192.68	0.00
14.90	0.00	4,662	192.68	0.00
15.00	0.00	4,662	192.68	0.00
15.10	0.00	4,662	192.68	0.00
15.20	0.00	4,662	192.68	0.00
15.30	0.00	4,662	192.68	0.00
15.40	0.00	4,662	192.68	0.00
15.50	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,662	192.68	0.00
15.70	0.00	4,662	192.68	0.00
15.80	0.00	4,662	192.68	0.00
15.90	0.00	4,662	192.68	0.00
16.00	0.00	4,662	192.68	0.00
16.10	0.00	4,662	192.68	0.00
16.20	0.00	4,662	192.68	0.00
16.30	0.00	4,662	192.68	0.00
16.40	0.00	4,662	192.68	0.00
16.50	0.00	4,662	192.68	0.00
16.60	0.00	4,662	192.68	0.00
16.70	0.00	4,662	192.68	0.00
16.80	0.00	4,662	192.68	0.00
16.90	0.00	4,662	192.68	0.00
17.00	0.00	4,662	192.68	0.00
17.10	0.00	4,662	192.68	0.00
17.20	0.00	4,662	192.68	0.00
17.30	0.00	4,662	192.68	0.00
17.40	0.00	4,662	192.68	0.00
17.50	0.00	4,662	192.68	0.00
17.60	0.00	4,662	192.68	0.00
17.70	0.00	4,662	192.68	0.00
17.80	0.00	4,662	192.68	0.00
17.90	0.00	4,662	192.68	0.00
18.00	0.00	4,662	192.68	0.00
18.10	0.00	4,662	192.68	0.00
18.20	0.00	4,662	192.68	0.00
18.30	0.00	4,662	192.68	0.00
18.40	0.00	4,662	192.68	0.00
18.50	0.00	4,662	192.68	0.00
18.60	0.00	4,662	192.68	0.00
18.70	0.00	4,662	192.68	0.00
18.80	0.00	4,662	192.68	0.00
18.90	0.00	4,662	192.68	0.00
19.00	0.00	4,662	192.68	0.00
19.10	0.00	4,662	192.68	0.00
19.20	0.00	4,662	192.68	0.00
19.30	0.00	4,662	192.68	0.00
19.40	0.00	4,662	192.68	0.00
19.50	0.00	4,662	192.68	0.00
19.60	0.00	4,662	192.68	0.00
19.70	0.00	4,662	192.68	0.00
19.80	0.00	4,662	192.68	0.00
19.90	0.00	4,662	192.68	0.00
20.00	0.00	4,662	192.68	0.00
20.10	0.00	4,662	192.68	0.00
20.20	0.00	4,662	192.68	0.00
20.30	0.00	4,662	192.68	0.00
20.40	0.00	4,662	192.68	0.00
20.50	0.00	4,662	192.68	0.00
20.60	0.00	4,662	192.68	0.00
20.70	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,662	192.68	0.00
20.90	0.00	4,662	192.68	0.00
21.00	0.00	4,662	192.68	0.00
21.10	0.00	4,662	192.68	0.00
21.20	0.00	4,662	192.68	0.00
21.30	0.00	4,662	192.68	0.00
21.40	0.00	4,662	192.68	0.00
21.50	0.00	4,662	192.68	0.00
21.60	0.00	4,662	192.68	0.00
21.70	0.00	4,662	192.68	0.00
21.80	0.00	4,662	192.68	0.00
21.90	0.00	4,662	192.68	0.00
22.00	0.00	4,662	192.68	0.00
22.10	0.00	4,662	192.68	0.00
22.20	0.00	4,662	192.68	0.00
22.30	0.00	4,662	192.68	0.00
22.40	0.00	4,662	192.68	0.00
22.50	0.00	4,662	192.68	0.00
22.60	0.00	4,662	192.68	0.00
22.70	0.00	4,662	192.68	0.00
22.80	0.00	4,662	192.68	0.00
22.90	0.00	4,662	192.68	0.00
23.00	0.00	4,662	192.68	0.00
23.10	0.00	4,662	192.68	0.00
23.20	0.00	4,662	192.68	0.00
23.30	0.00	4,662	192.68	0.00
23.40	0.00	4,662	192.68	0.00
23.50	0.00	4,662	192.68	0.00
23.60	0.00	4,662	192.68	0.00
23.70	0.00	4,662	192.68	0.00
23.80	0.00	4,662	192.68	0.00
23.90	0.00	4,662	192.68	0.00
24.00	0.00	4,662	192.68	0.00
24.10	0.00	4,662	192.68	0.00
24.20	0.00	4,662	192.68	0.00
24.30	0.00	4,662	192.68	0.00
24.40	0.00	4,662	192.68	0.00
24.50	0.00	4,662	192.68	0.00
24.60	0.00	4,662	192.68	0.00
24.70	0.00	4,662	192.68	0.00
24.80	0.00	4,662	192.68	0.00
24.90	0.00	4,662	192.68	0.00
25.00	0.00	4,662	192.68	0.00
25.10	0.00	4,662	192.68	0.00
25.20	0.00	4,662	192.68	0.00
25.30	0.00	4,662	192.68	0.00
25.40	0.00	4,662	192.68	0.00
25.50	0.00	4,662	192.68	0.00
25.60	0.00	4,662	192.68	0.00
25.70	0.00	4,662	192.68	0.00
25.80	0.00	4,662	192.68	0.00
25.90	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,662	192.68	0.00
26.10	0.00	4,662	192.68	0.00
26.20	0.00	4,662	192.68	0.00
26.30	0.00	4,662	192.68	0.00
26.40	0.00	4,662	192.68	0.00
26.50	0.00	4,662	192.68	0.00
26.60	0.00	4,662	192.68	0.00
26.70	0.00	4,662	192.68	0.00
26.80	0.00	4,662	192.68	0.00
26.90	0.00	4,662	192.68	0.00
27.00	0.00	4,662	192.68	0.00
27.10	0.00	4,662	192.68	0.00
27.20	0.00	4,662	192.68	0.00
27.30	0.00	4,662	192.68	0.00
27.40	0.00	4,662	192.68	0.00
27.50	0.00	4,662	192.68	0.00
27.60	0.00	4,662	192.68	0.00
27.70	0.00	4,662	192.68	0.00
27.80	0.00	4,662	192.68	0.00
27.90	0.00	4,662	192.68	0.00
28.00	0.00	4,662	192.68	0.00
28.10	0.00	4,662	192.68	0.00
28.20	0.00	4,662	192.68	0.00
28.30	0.00	4,662	192.68	0.00
28.40	0.00	4,662	192.68	0.00
28.50	0.00	4,662	192.68	0.00
28.60	0.00	4,662	192.68	0.00
28.70	0.00	4,662	192.68	0.00
28.80	0.00	4,662	192.68	0.00
28.90	0.00	4,662	192.68	0.00
29.00	0.00	4,662	192.68	0.00
29.10	0.00	4,662	192.68	0.00
29.20	0.00	4,662	192.68	0.00
29.30	0.00	4,662	192.68	0.00
29.40	0.00	4,662	192.68	0.00
29.50	0.00	4,662	192.68	0.00
29.60	0.00	4,662	192.68	0.00
29.70	0.00	4,662	192.68	0.00
29.80	0.00	4,662	192.68	0.00
29.90	0.00	4,662	192.68	0.00
30.00	0.00	4,662	192.68	0.00
30.10	0.00	4,662	192.68	0.00
30.20	0.00	4,662	192.68	0.00
30.30	0.00	4,662	192.68	0.00
30.40	0.00	4,662	192.68	0.00
30.50	0.00	4,662	192.68	0.00
30.60	0.00	4,662	192.68	0.00
30.70	0.00	4,662	192.68	0.00
30.80	0.00	4,662	192.68	0.00
30.90	0.00	4,662	192.68	0.00
31.00	0.00	4,662	192.68	0.00
31.10	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,662	192.68	0.00
31.30	0.00	4,662	192.68	0.00
31.40	0.00	4,662	192.68	0.00
31.50	0.00	4,662	192.68	0.00
31.60	0.00	4,662	192.68	0.00
31.70	0.00	4,662	192.68	0.00
31.80	0.00	4,662	192.68	0.00
31.90	0.00	4,662	192.68	0.00
32.00	0.00	4,662	192.68	0.00
32.10	0.00	4,662	192.68	0.00
32.20	0.00	4,662	192.68	0.00
32.30	0.00	4,662	192.68	0.00
32.40	0.00	4,662	192.68	0.00
32.50	0.00	4,662	192.68	0.00
32.60	0.00	4,662	192.68	0.00
32.70	0.00	4,662	192.68	0.00
32.80	0.00	4,662	192.68	0.00
32.90	0.00	4,662	192.68	0.00
33.00	0.00	4,662	192.68	0.00
33.10	0.00	4,662	192.68	0.00
33.20	0.00	4,662	192.68	0.00
33.30	0.00	4,662	192.68	0.00
33.40	0.00	4,662	192.68	0.00
33.50	0.00	4,662	192.68	0.00
33.60	0.00	4,662	192.68	0.00
33.70	0.00	4,662	192.68	0.00
33.80	0.00	4,662	192.68	0.00
33.90	0.00	4,662	192.68	0.00
34.00	0.00	4,662	192.68	0.00
34.10	0.00	4,662	192.68	0.00
34.20	0.00	4,662	192.68	0.00
34.30	0.00	4,662	192.68	0.00
34.40	0.00	4,662	192.68	0.00
34.50	0.00	4,662	192.68	0.00
34.60	0.00	4,662	192.68	0.00
34.70	0.00	4,662	192.68	0.00
34.80	0.00	4,662	192.68	0.00
34.90	0.00	4,662	192.68	0.00
35.00	0.00	4,662	192.68	0.00
35.10	0.00	4,662	192.68	0.00
35.20	0.00	4,662	192.68	0.00
35.30	0.00	4,662	192.68	0.00
35.40	0.00	4,662	192.68	0.00
35.50	0.00	4,662	192.68	0.00
35.60	0.00	4,662	192.68	0.00
35.70	0.00	4,662	192.68	0.00
35.80	0.00	4,662	192.68	0.00
35.90	0.00	4,662	192.68	0.00
36.00	0.00	4,662	192.68	0.00
36.10	0.00	4,662	192.68	0.00
36.20	0.00	4,662	192.68	0.00
36.30	0.00	4,662	192.68	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,662	192.68	0.00
36.50	0.00	4,662	192.68	0.00
36.60	0.00	4,662	192.68	0.00
36.70	0.00	4,662	192.68	0.00
36.80	0.00	4,662	192.68	0.00
36.90	0.00	4,662	192.68	0.00
37.00	0.00	4,662	192.68	0.00
37.10	0.00	4,662	192.68	0.00
37.20	0.00	4,662	192.68	0.00
37.30	0.00	4,662	192.68	0.00
37.40	0.00	4,662	192.68	0.00
37.50	0.00	4,662	192.68	0.00
37.60	0.00	4,662	192.68	0.00
37.70	0.00	4,662	192.68	0.00
37.80	0.00	4,662	192.68	0.00
37.90	0.00	4,662	192.68	0.00
38.00	0.00	4,662	192.68	0.00
38.10	0.00	4,662	192.68	0.00
38.20	0.00	4,662	192.68	0.00
38.30	0.00	4,662	192.68	0.00
38.40	0.00	4,662	192.68	0.00
38.50	0.00	4,662	192.68	0.00
38.60	0.00	4,662	192.68	0.00
38.70	0.00	4,662	192.68	0.00
38.80	0.00	4,662	192.68	0.00
38.90	0.00	4,662	192.68	0.00
39.00	0.00	4,662	192.68	0.00
39.10	0.00	4,662	192.68	0.00
39.20	0.00	4,662	192.68	0.00
39.30	0.00	4,662	192.68	0.00
39.40	0.00	4,662	192.68	0.00
39.50	0.00	4,662	192.68	0.00
39.60	0.00	4,662	192.68	0.00
39.70	0.00	4,662	192.68	0.00
39.80	0.00	4,662	192.68	0.00
39.90	0.00	4,662	192.68	0.00
40.00	0.00	4,662	192.68	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.00
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.00
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.00
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.00
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.00
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.00
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.00
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.00
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.00
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.00
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.00
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.00
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.00
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.01
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.03
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.05
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.08
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.11
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.14
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.18
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.22
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.26
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.30
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.35
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.40
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.45
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.50
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.56
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.62
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.67
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.74
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.80
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.86
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.93
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.98
191.35	0.00	191.87	0.00	192.39	0.00	192.91	1.03
191.36	0.00	191.88	0.00	192.40	0.00	192.92	1.08
191.37	0.00	191.89	0.00	192.41	0.00	192.93	1.12
191.38	0.00	191.90	0.00	192.42	0.00	192.94	1.16
191.39	0.00	191.91	0.00	192.43	0.00	192.95	1.20
191.40	0.00	191.92	0.00	192.44	0.00	192.96	1.24
191.41	0.00	191.93	0.00	192.45	0.00	192.97	1.28
191.42	0.00	191.94	0.00	192.46	0.00	192.98	1.32
191.43	0.00	191.95	0.00	192.47	0.00	192.99	1.35
191.44	0.00	191.96	0.00	192.48	0.00	193.00	1.38
191.45	0.00	191.97	0.00	192.49	0.00	193.01	1.42
191.46	0.00	191.98	0.00	192.50	0.00	193.02	1.45
191.47	0.00	191.99	0.00	192.51	0.00	193.03	1.48
191.48	0.00	192.00	0.00	192.52	0.00	193.04	1.51
191.49	0.00	192.01	0.00	192.53	0.00	193.05	1.54
191.50	0.00	192.02	0.00	192.54	0.00	193.06	1.57
191.51	0.00	192.03	0.00	192.55	0.00	193.07	1.60

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.63	193.60	2.86	194.12	8.95	194.64	14.28
193.09	1.66	193.61	2.92	194.13	9.10	194.65	14.30
193.10	1.68	193.62	2.99	194.14	9.26	194.66	14.32
193.11	1.71	193.63	3.06	194.15	9.41	194.67	14.35
193.12	1.74	193.64	3.13	194.16	9.57	194.68	14.37
193.13	1.76	193.65	3.21	194.17	9.73	194.69	14.39
193.14	1.79	193.66	3.29	194.18	9.89	194.70	14.42
193.15	1.81	193.67	3.37	194.19	10.05	194.71	14.44
193.16	1.84	193.68	3.46	194.20	10.21	194.72	14.46
193.17	1.86	193.69	3.54	194.21	10.37	194.73	14.49
193.18	1.89	193.70	3.63	194.22	10.54	194.74	14.51
193.19	1.91	193.71	3.72	194.23	10.70	194.75	14.53
193.20	1.94	193.72	3.82	194.24	10.87	194.76	14.56
193.21	1.96	193.73	3.92	194.25	11.04	194.77	14.58
193.22	1.98	193.74	4.01	194.26	11.20	194.78	14.60
193.23	2.00	193.75	4.11	194.27	11.37	194.79	14.62
193.24	2.03	193.76	4.22	194.28	11.54	194.80	14.65
193.25	2.05	193.77	4.32	194.29	11.71	194.81	14.67
193.26	2.07	193.78	4.43	194.30	11.88	194.82	14.69
193.27	2.09	193.79	4.54	194.31	12.05	194.83	14.72
193.28	2.12	193.80	4.65	194.32	12.23	194.84	14.74
193.29	2.14	193.81	4.76	194.33	12.40	194.85	14.76
193.30	2.16	193.82	4.87	194.34	12.57	194.86	14.78
193.31	2.18	193.83	4.99	194.35	12.75	194.87	14.81
193.32	2.20	193.84	5.10	194.36	12.93	194.88	14.83
193.33	2.22	193.85	5.22	194.37	13.10	194.89	14.85
193.34	2.24	193.86	5.34	194.38	13.28	194.90	14.87
193.35	2.26	193.87	5.46	194.39	13.46	194.91	14.90
193.36	2.28	193.88	5.59	194.40	13.64	194.92	14.92
193.37	2.30	193.89	5.71	194.41	13.73	194.93	14.94
193.38	2.32	193.90	5.84	194.42	13.75	194.94	14.96
193.39	2.34	193.91	5.97	194.43	13.77	194.95	14.99
193.40	2.36	193.92	6.10	194.44	13.80	194.96	15.13
193.41	2.38	193.93	6.23	194.45	13.82	194.97	15.36
193.42	2.40	193.94	6.36	194.46	13.85	194.98	15.66
193.43	2.42	193.95	6.49	194.47	13.87	194.99	16.01
193.44	2.43	193.96	6.63	194.48	13.90	195.00	16.41
193.45	2.45	193.97	6.76	194.49	13.92	195.01	16.84
193.46	2.47	193.98	6.90	194.50	13.94	195.02	17.32
193.47	2.49	193.99	7.04	194.51	13.97	195.03	17.82
193.48	2.51	194.00	7.18	194.52	13.99	195.04	18.36
193.49	2.53	194.01	7.32	194.53	14.02	195.05	18.93
193.50	2.54	194.02	7.46	194.54	14.04	195.06	19.52
193.51	2.56	194.03	7.60	194.55	14.06	195.07	20.14
193.52	2.58	194.04	7.75	194.56	14.09	195.08	20.79
193.53	2.60	194.05	7.89	194.57	14.11	195.09	21.47
193.54	2.61	194.06	8.04	194.58	14.13	195.10	22.16
193.55	2.63	194.07	8.19	194.59	14.16	195.11	22.89
193.56	2.66	194.08	8.34	194.60	14.18	195.12	23.63
193.57	2.70	194.09	8.49	194.61	14.21	195.13	24.40
193.58	2.75	194.10	8.64	194.62	14.23	195.14	25.18
193.59	2.80	194.11	8.79	194.63	14.25	195.15	25.99

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

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,110	0	191.52	2,517	1,203
191.01	2,118	21	191.53	2,525	1,228
191.02	2,126	42	191.54	2,533	1,254
191.03	2,133	64	191.55	2,541	1,279
191.04	2,141	85	191.56	2,548	1,304
191.05	2,149	106	191.57	2,556	1,330
191.06	2,157	128	191.58	2,564	1,356
191.07	2,165	150	191.59	2,572	1,381
191.08	2,173	171	191.60	2,580	1,407
191.09	2,180	193	191.61	2,588	1,433
191.10	2,188	215	191.62	2,595	1,459
191.11	2,196	237	191.63	2,603	1,485
191.12	2,204	259	191.64	2,611	1,511
191.13	2,212	281	191.65	2,619	1,537
191.14	2,220	303	191.66	2,627	1,563
191.15	2,227	325	191.67	2,635	1,589
191.16	2,235	348	191.68	2,642	1,616
191.17	2,243	370	191.69	2,650	1,642
191.18	2,251	392	191.70	2,658	1,669
191.19	2,259	415	191.71	2,666	1,695
191.20	2,267	438	191.72	2,674	1,722
191.21	2,274	460	191.73	2,682	1,749
191.22	2,282	483	191.74	2,689	1,776
191.23	2,290	506	191.75	2,697	1,803
191.24	2,298	529	191.76	2,705	1,830
191.25	2,306	552	191.77	2,713	1,857
191.26	2,314	575	191.78	2,721	1,884
191.27	2,321	598	191.79	2,729	1,911
191.28	2,329	621	191.80	2,736	1,939
191.29	2,337	645	191.81	2,744	1,966
191.30	2,345	668	191.82	2,752	1,993
191.31	2,353	692	191.83	2,760	2,021
191.32	2,361	715	191.84	2,768	2,049
191.33	2,368	739	191.85	2,776	2,076
191.34	2,376	763	191.86	2,783	2,104
191.35	2,384	786	191.87	2,791	2,132
191.36	2,392	810	191.88	2,799	2,160
191.37	2,400	834	191.89	2,807	2,188
191.38	2,408	858	191.90	2,815	2,216
191.39	2,415	882	191.91	2,823	2,244
191.40	2,423	907	191.92	2,830	2,273
191.41	2,431	931	191.93	2,838	2,301
191.42	2,439	955	191.94	2,846	2,329
191.43	2,447	980	191.95	2,854	2,358
191.44	2,455	1,004	191.96	2,862	2,386
191.45	2,462	1,029	191.97	2,870	2,415
191.46	2,470	1,053	191.98	2,877	2,444
191.47	2,478	1,078	191.99	2,885	2,473
191.48	2,486	1,103	192.00	2,893	2,502
191.49	2,494	1,128	192.01	2,901	2,530
191.50	2,502	1,153	192.02	2,910	2,560
191.51	2,509	1,178	192.03	2,918	2,589

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	2,926	2,618	192.56	3,362	4,253
192.05	2,935	2,647	192.57	3,370	4,286
192.06	2,943	2,677	192.58	3,378	4,320
192.07	2,952	2,706	192.59	3,387	4,354
192.08	2,960	2,736	192.60	3,395	4,388
192.09	2,968	2,765	192.61	3,404	4,422
192.10	2,977	2,795	192.62	3,412	4,456
192.11	2,985	2,825	192.63	3,420	4,490
192.12	2,993	2,855	192.64	3,429	4,524
192.13	3,002	2,885	192.65	3,437	4,559
192.14	3,010	2,915	192.66	3,445	4,593
192.15	3,019	2,945	192.67	3,454	4,628
192.16	3,027	2,975	192.68	3,462	4,662
192.17	3,035	3,005	192.69	3,471	4,697
192.18	3,044	3,036	192.70	3,479	4,732
192.19	3,052	3,066	192.71	3,487	4,766
192.20	3,060	3,097	192.72	3,496	4,801
192.21	3,069	3,127	192.73	3,504	4,836
192.22	3,077	3,158	192.74	3,512	4,871
192.23	3,086	3,189	192.75	3,521	4,907
192.24	3,094	3,220	192.76	3,529	4,942
192.25	3,102	3,251	192.77	3,537	4,977
192.26	3,111	3,282	192.78	3,546	5,013
192.27	3,119	3,313	192.79	3,554	5,048
192.28	3,127	3,344	192.80	3,563	5,084
192.29	3,136	3,376	192.81	3,571	5,119
192.30	3,144	3,407	192.82	3,579	5,155
192.31	3,152	3,439	192.83	3,588	5,191
192.32	3,161	3,470	192.84	3,596	5,227
192.33	3,169	3,502	192.85	3,604	5,263
192.34	3,178	3,533	192.86	3,613	5,299
192.35	3,186	3,565	192.87	3,621	5,335
192.36	3,194	3,597	192.88	3,630	5,371
192.37	3,203	3,629	192.89	3,638	5,408
192.38	3,211	3,661	192.90	3,646	5,444
192.39	3,219	3,693	192.91	3,655	5,481
192.40	3,228	3,726	192.92	3,663	5,517
192.41	3,236	3,758	192.93	3,671	5,554
192.42	3,245	3,790	192.94	3,680	5,591
192.43	3,253	3,823	192.95	3,688	5,628
192.44	3,261	3,855	192.96	3,697	5,664
192.45	3,270	3,888	192.97	3,705	5,701
192.46	3,278	3,921	192.98	3,713	5,739
192.47	3,286	3,954	192.99	3,722	5,776
192.48	3,295	3,987	193.00	3,730	5,813
192.49	3,303	4,020	193.01	3,738	5,850
192.50	3,312	4,053	193.02	3,746	5,888
192.51	3,320	4,086	193.03	3,755	5,925
192.52	3,328	4,119	193.04	3,763	5,963
192.53	3,337	4,152	193.05	3,771	6,001
192.54	3,345	4,186	193.06	3,779	6,038
192.55	3,353	4,219	193.07	3,787	6,076

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,795	6,114	193.60	4,220	8,198
193.09	3,804	6,152	193.61	4,228	8,240
193.10	3,812	6,190	193.62	4,237	8,283
193.11	3,820	6,228	193.63	4,245	8,325
193.12	3,828	6,266	193.64	4,253	8,368
193.13	3,836	6,305	193.65	4,261	8,410
193.14	3,844	6,343	193.66	4,269	8,453
193.15	3,853	6,382	193.67	4,277	8,495
193.16	3,861	6,420	193.68	4,286	8,538
193.17	3,869	6,459	193.69	4,294	8,581
193.18	3,877	6,498	193.70	4,302	8,624
193.19	3,885	6,536	193.71	4,310	8,667
193.20	3,893	6,575	193.72	4,318	8,710
193.21	3,902	6,614	193.73	4,326	8,754
193.22	3,910	6,653	193.74	4,335	8,797
193.23	3,918	6,693	193.75	4,343	8,840
193.24	3,926	6,732	193.76	4,351	8,884
193.25	3,934	6,771	193.77	4,359	8,927
193.26	3,942	6,810	193.78	4,367	8,971
193.27	3,951	6,850	193.79	4,375	9,015
193.28	3,959	6,889	193.80	4,384	9,058
193.29	3,967	6,929	193.81	4,392	9,102
193.30	3,975	6,969	193.82	4,400	9,146
193.31	3,983	7,009	193.83	4,408	9,190
193.32	3,991	7,048	193.84	4,416	9,234
193.33	4,000	7,088	193.85	4,424	9,279
193.34	4,008	7,128	193.86	4,433	9,323
193.35	4,016	7,169	193.87	4,441	9,367
193.36	4,024	7,209	193.88	4,449	9,412
193.37	4,032	7,249	193.89	4,457	9,456
193.38	4,040	7,289	193.90	4,465	9,501
193.39	4,049	7,330	193.91	4,473	9,546
193.40	4,057	7,370	193.92	4,482	9,590
193.41	4,065	7,411	193.93	4,490	9,635
193.42	4,073	7,452	193.94	4,498	9,680
193.43	4,081	7,492	193.95	4,506	9,725
193.44	4,089	7,533	193.96	4,514	9,770
193.45	4,098	7,574	193.97	4,522	9,815
193.46	4,106	7,615	193.98	4,531	9,861
193.47	4,114	7,656	193.99	4,539	9,906
193.48	4,122	7,698	194.00	4,547	9,952
193.49	4,130	7,739	194.01	4,555	9,997
193.50	4,139	7,780	194.02	4,563	10,043
193.51	4,147	7,822	194.03	4,571	10,088
193.52	4,155	7,863	194.04	4,579	10,134
193.53	4,163	7,905	194.05	4,587	10,180
193.54	4,171	7,946	194.06	4,596	10,226
193.55	4,179	7,988	194.07	4,604	10,272
193.56	4,188	8,030	194.08	4,612	10,318
193.57	4,196	8,072	194.09	4,620	10,364
193.58	4,204	8,114	194.10	4,628	10,410
193.59	4,212	8,156	194.11	4,636	10,457

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,644	10,503	194.64	5,065	13,027
194.13	4,652	10,549	194.65	5,073	13,078
194.14	4,660	10,596	194.66	5,081	13,129
194.15	4,668	10,643	194.67	5,089	13,180
194.16	4,676	10,689	194.68	5,097	13,231
194.17	4,685	10,736	194.69	5,105	13,282
194.18	4,693	10,783	194.70	5,113	13,333
194.19	4,701	10,830	194.71	5,121	13,384
194.20	4,709	10,877	194.72	5,129	13,435
194.21	4,717	10,924	194.73	5,138	13,486
194.22	4,725	10,971	194.74	5,146	13,538
194.23	4,733	11,019	194.75	5,154	13,589
194.24	4,741	11,066	194.76	5,162	13,641
194.25	4,749	11,114	194.77	5,170	13,693
194.26	4,757	11,161	194.78	5,178	13,744
194.27	4,765	11,209	194.79	5,186	13,796
194.28	4,774	11,256	194.80	5,194	13,848
194.29	4,782	11,304	194.81	5,202	13,900
194.30	4,790	11,352	194.82	5,210	13,952
194.31	4,798	11,400	194.83	5,218	14,004
194.32	4,806	11,448	194.84	5,227	14,056
194.33	4,814	11,496	194.85	5,235	14,109
194.34	4,822	11,544	194.86	5,243	14,161
194.35	4,830	11,593	194.87	5,251	14,214
194.36	4,838	11,641	194.88	5,259	14,266
194.37	4,846	11,689	194.89	5,267	14,319
194.38	4,854	11,738	194.90	5,275	14,371
194.39	4,863	11,786	194.91	5,283	14,424
194.40	4,871	11,835	194.92	5,291	14,477
194.41	4,879	11,884	194.93	5,299	14,530
194.42	4,887	11,933	194.94	5,307	14,583
194.43	4,895	11,982	194.95	5,316	14,636
194.44	4,903	12,030	194.96	5,324	14,689
194.45	4,911	12,080	194.97	5,332	14,743
194.46	4,919	12,129	194.98	5,340	14,796
194.47	4,927	12,178	194.99	5,348	14,849
194.48	4,935	12,227	195.00	5,356	14,903
194.49	4,943	12,277	195.01	5,386	14,957
194.50	4,952	12,326	195.02	5,417	15,011
194.51	4,960	12,376	195.03	5,447	15,065
194.52	4,968	12,425	195.04	5,477	15,120
194.53	4,976	12,475	195.05	5,507	15,175
194.54	4,984	12,525	195.06	5,538	15,230
194.55	4,992	12,575	195.07	5,568	15,285
194.56	5,000	12,625	195.08	5,598	15,341
194.57	5,008	12,675	195.09	5,629	15,397
194.58	5,016	12,725	195.10	5,659	15,454
194.59	5,024	12,775	195.11	5,689	15,510
194.60	5,032	12,825	195.12	5,719	15,568
194.61	5,040	12,876	195.13	5,750	15,625
194.62	5,049	12,926	195.14	5,780	15,683
194.63	5,057	12,977	195.15	5,810	15,740

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,840	15,799
195.17	5,871	15,857
195.18	5,901	15,916
195.19	5,931	15,975
195.20	5,962	16,035
195.21	5,992	16,095
195.22	6,022	16,155
195.23	6,052	16,215
195.24	6,083	16,276
195.25	6,113	16,337

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

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 0.45" for WQ Storm event
 Inflow = 2.27 cfs @ 1.15 hrs, Volume= 0.082 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.07' @ 2.60 hrs Surf.Area= 3,680 sf Storage= 3,555 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	17,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	2,990	0	0
195.00	3,633	3,312	3,312
196.00	4,332	3,983	7,294
197.00	5,089	4,711	12,005
198.00	5,901	5,495	17,500

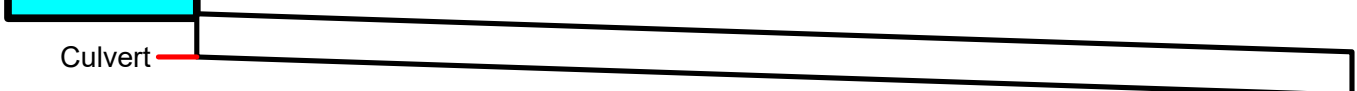
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.07'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.48'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=194.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 5.63 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

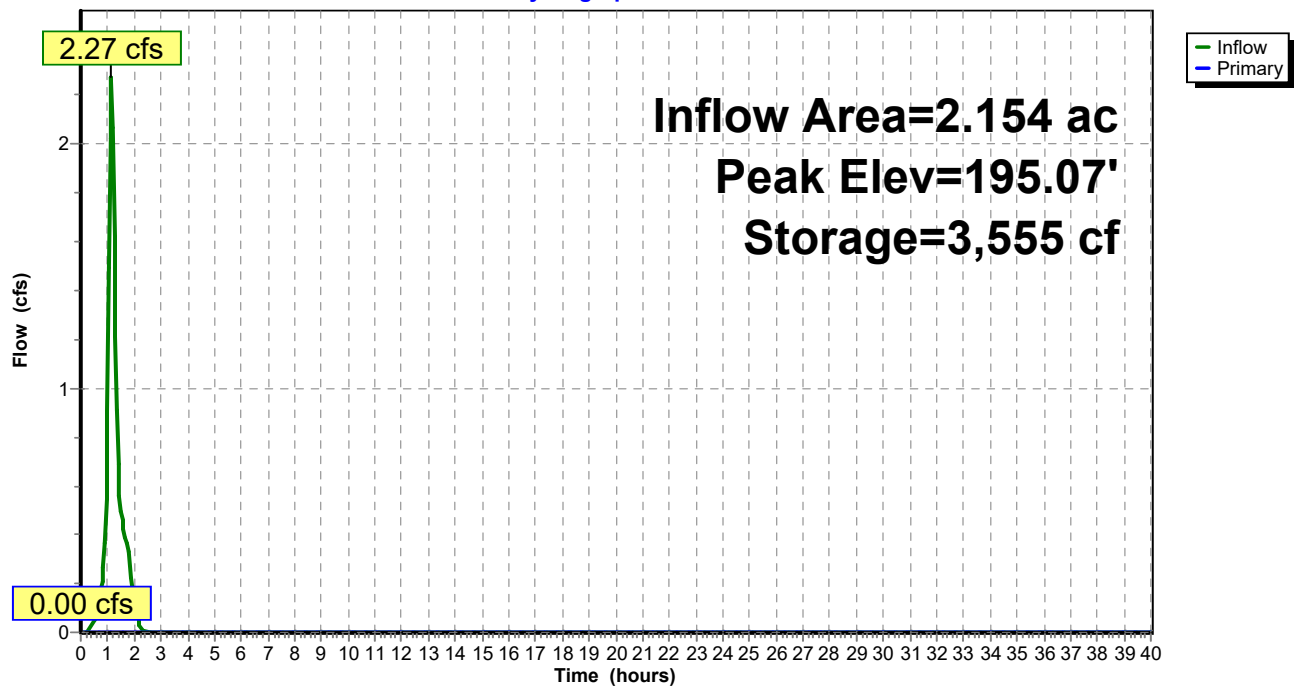
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Pond B-37A: Basin #37A
 Orifice/Grate

Culvert



Pond B-37A: Basin #37A

Hydrograph



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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.04	7	194.00	0.00
0.60	0.09	29	194.01	0.00
0.70	0.15	73	194.02	0.00
0.80	0.21	137	194.05	0.00
0.90	0.37	237	194.08	0.00
1.00	0.90	448	194.15	0.00
1.10	2.03	980	194.32	0.00
1.20	2.07	1,758	194.55	0.00
1.30	1.21	2,345	194.73	0.00
1.40	0.69	2,680	194.82	0.00
1.50	0.49	2,886	194.88	0.00
1.60	0.43	3,051	194.93	0.00
1.70	0.36	3,192	194.97	0.00
1.80	0.34	3,319	195.00	0.00
1.90	0.22	3,422	195.03	0.00
2.00	0.14	3,485	195.05	0.00
2.10	0.09	3,528	195.06	0.00
2.20	0.03	3,549	195.06	0.00
2.30	0.01	3,554	195.07	0.00
2.40	0.00	3,555	195.07	0.00
2.50	0.00	3,555	195.07	0.00
2.60	0.00	3,555	195.07	0.00
2.70	0.00	3,555	195.07	0.00
2.80	0.00	3,555	195.07	0.00
2.90	0.00	3,555	195.07	0.00
3.00	0.00	3,555	195.07	0.00
3.10	0.00	3,555	195.07	0.00
3.20	0.00	3,555	195.07	0.00
3.30	0.00	3,555	195.07	0.00
3.40	0.00	3,555	195.07	0.00
3.50	0.00	3,555	195.07	0.00
3.60	0.00	3,555	195.07	0.00
3.70	0.00	3,555	195.07	0.00
3.80	0.00	3,555	195.07	0.00
3.90	0.00	3,555	195.07	0.00
4.00	0.00	3,555	195.07	0.00
4.10	0.00	3,555	195.07	0.00
4.20	0.00	3,555	195.07	0.00
4.30	0.00	3,555	195.07	0.00
4.40	0.00	3,555	195.07	0.00
4.50	0.00	3,555	195.07	0.00
4.60	0.00	3,555	195.07	0.00
4.70	0.00	3,555	195.07	0.00
4.80	0.00	3,555	195.07	0.00
4.90	0.00	3,555	195.07	0.00
5.00	0.00	3,555	195.07	0.00
5.10	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,555	195.07	0.00
5.30	0.00	3,555	195.07	0.00
5.40	0.00	3,555	195.07	0.00
5.50	0.00	3,555	195.07	0.00
5.60	0.00	3,555	195.07	0.00
5.70	0.00	3,555	195.07	0.00
5.80	0.00	3,555	195.07	0.00
5.90	0.00	3,555	195.07	0.00
6.00	0.00	3,555	195.07	0.00
6.10	0.00	3,555	195.07	0.00
6.20	0.00	3,555	195.07	0.00
6.30	0.00	3,555	195.07	0.00
6.40	0.00	3,555	195.07	0.00
6.50	0.00	3,555	195.07	0.00
6.60	0.00	3,555	195.07	0.00
6.70	0.00	3,555	195.07	0.00
6.80	0.00	3,555	195.07	0.00
6.90	0.00	3,555	195.07	0.00
7.00	0.00	3,555	195.07	0.00
7.10	0.00	3,555	195.07	0.00
7.20	0.00	3,555	195.07	0.00
7.30	0.00	3,555	195.07	0.00
7.40	0.00	3,555	195.07	0.00
7.50	0.00	3,555	195.07	0.00
7.60	0.00	3,555	195.07	0.00
7.70	0.00	3,555	195.07	0.00
7.80	0.00	3,555	195.07	0.00
7.90	0.00	3,555	195.07	0.00
8.00	0.00	3,555	195.07	0.00
8.10	0.00	3,555	195.07	0.00
8.20	0.00	3,555	195.07	0.00
8.30	0.00	3,555	195.07	0.00
8.40	0.00	3,555	195.07	0.00
8.50	0.00	3,555	195.07	0.00
8.60	0.00	3,555	195.07	0.00
8.70	0.00	3,555	195.07	0.00
8.80	0.00	3,555	195.07	0.00
8.90	0.00	3,555	195.07	0.00
9.00	0.00	3,555	195.07	0.00
9.10	0.00	3,555	195.07	0.00
9.20	0.00	3,555	195.07	0.00
9.30	0.00	3,555	195.07	0.00
9.40	0.00	3,555	195.07	0.00
9.50	0.00	3,555	195.07	0.00
9.60	0.00	3,555	195.07	0.00
9.70	0.00	3,555	195.07	0.00
9.80	0.00	3,555	195.07	0.00
9.90	0.00	3,555	195.07	0.00
10.00	0.00	3,555	195.07	0.00
10.10	0.00	3,555	195.07	0.00
10.20	0.00	3,555	195.07	0.00
10.30	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,555	195.07	0.00
10.50	0.00	3,555	195.07	0.00
10.60	0.00	3,555	195.07	0.00
10.70	0.00	3,555	195.07	0.00
10.80	0.00	3,555	195.07	0.00
10.90	0.00	3,555	195.07	0.00
11.00	0.00	3,555	195.07	0.00
11.10	0.00	3,555	195.07	0.00
11.20	0.00	3,555	195.07	0.00
11.30	0.00	3,555	195.07	0.00
11.40	0.00	3,555	195.07	0.00
11.50	0.00	3,555	195.07	0.00
11.60	0.00	3,555	195.07	0.00
11.70	0.00	3,555	195.07	0.00
11.80	0.00	3,555	195.07	0.00
11.90	0.00	3,555	195.07	0.00
12.00	0.00	3,555	195.07	0.00
12.10	0.00	3,555	195.07	0.00
12.20	0.00	3,555	195.07	0.00
12.30	0.00	3,555	195.07	0.00
12.40	0.00	3,555	195.07	0.00
12.50	0.00	3,555	195.07	0.00
12.60	0.00	3,555	195.07	0.00
12.70	0.00	3,555	195.07	0.00
12.80	0.00	3,555	195.07	0.00
12.90	0.00	3,555	195.07	0.00
13.00	0.00	3,555	195.07	0.00
13.10	0.00	3,555	195.07	0.00
13.20	0.00	3,555	195.07	0.00
13.30	0.00	3,555	195.07	0.00
13.40	0.00	3,555	195.07	0.00
13.50	0.00	3,555	195.07	0.00
13.60	0.00	3,555	195.07	0.00
13.70	0.00	3,555	195.07	0.00
13.80	0.00	3,555	195.07	0.00
13.90	0.00	3,555	195.07	0.00
14.00	0.00	3,555	195.07	0.00
14.10	0.00	3,555	195.07	0.00
14.20	0.00	3,555	195.07	0.00
14.30	0.00	3,555	195.07	0.00
14.40	0.00	3,555	195.07	0.00
14.50	0.00	3,555	195.07	0.00
14.60	0.00	3,555	195.07	0.00
14.70	0.00	3,555	195.07	0.00
14.80	0.00	3,555	195.07	0.00
14.90	0.00	3,555	195.07	0.00
15.00	0.00	3,555	195.07	0.00
15.10	0.00	3,555	195.07	0.00
15.20	0.00	3,555	195.07	0.00
15.30	0.00	3,555	195.07	0.00
15.40	0.00	3,555	195.07	0.00
15.50	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,555	195.07	0.00
15.70	0.00	3,555	195.07	0.00
15.80	0.00	3,555	195.07	0.00
15.90	0.00	3,555	195.07	0.00
16.00	0.00	3,555	195.07	0.00
16.10	0.00	3,555	195.07	0.00
16.20	0.00	3,555	195.07	0.00
16.30	0.00	3,555	195.07	0.00
16.40	0.00	3,555	195.07	0.00
16.50	0.00	3,555	195.07	0.00
16.60	0.00	3,555	195.07	0.00
16.70	0.00	3,555	195.07	0.00
16.80	0.00	3,555	195.07	0.00
16.90	0.00	3,555	195.07	0.00
17.00	0.00	3,555	195.07	0.00
17.10	0.00	3,555	195.07	0.00
17.20	0.00	3,555	195.07	0.00
17.30	0.00	3,555	195.07	0.00
17.40	0.00	3,555	195.07	0.00
17.50	0.00	3,555	195.07	0.00
17.60	0.00	3,555	195.07	0.00
17.70	0.00	3,555	195.07	0.00
17.80	0.00	3,555	195.07	0.00
17.90	0.00	3,555	195.07	0.00
18.00	0.00	3,555	195.07	0.00
18.10	0.00	3,555	195.07	0.00
18.20	0.00	3,555	195.07	0.00
18.30	0.00	3,555	195.07	0.00
18.40	0.00	3,555	195.07	0.00
18.50	0.00	3,555	195.07	0.00
18.60	0.00	3,555	195.07	0.00
18.70	0.00	3,555	195.07	0.00
18.80	0.00	3,555	195.07	0.00
18.90	0.00	3,555	195.07	0.00
19.00	0.00	3,555	195.07	0.00
19.10	0.00	3,555	195.07	0.00
19.20	0.00	3,555	195.07	0.00
19.30	0.00	3,555	195.07	0.00
19.40	0.00	3,555	195.07	0.00
19.50	0.00	3,555	195.07	0.00
19.60	0.00	3,555	195.07	0.00
19.70	0.00	3,555	195.07	0.00
19.80	0.00	3,555	195.07	0.00
19.90	0.00	3,555	195.07	0.00
20.00	0.00	3,555	195.07	0.00
20.10	0.00	3,555	195.07	0.00
20.20	0.00	3,555	195.07	0.00
20.30	0.00	3,555	195.07	0.00
20.40	0.00	3,555	195.07	0.00
20.50	0.00	3,555	195.07	0.00
20.60	0.00	3,555	195.07	0.00
20.70	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,555	195.07	0.00
20.90	0.00	3,555	195.07	0.00
21.00	0.00	3,555	195.07	0.00
21.10	0.00	3,555	195.07	0.00
21.20	0.00	3,555	195.07	0.00
21.30	0.00	3,555	195.07	0.00
21.40	0.00	3,555	195.07	0.00
21.50	0.00	3,555	195.07	0.00
21.60	0.00	3,555	195.07	0.00
21.70	0.00	3,555	195.07	0.00
21.80	0.00	3,555	195.07	0.00
21.90	0.00	3,555	195.07	0.00
22.00	0.00	3,555	195.07	0.00
22.10	0.00	3,555	195.07	0.00
22.20	0.00	3,555	195.07	0.00
22.30	0.00	3,555	195.07	0.00
22.40	0.00	3,555	195.07	0.00
22.50	0.00	3,555	195.07	0.00
22.60	0.00	3,555	195.07	0.00
22.70	0.00	3,555	195.07	0.00
22.80	0.00	3,555	195.07	0.00
22.90	0.00	3,555	195.07	0.00
23.00	0.00	3,555	195.07	0.00
23.10	0.00	3,555	195.07	0.00
23.20	0.00	3,555	195.07	0.00
23.30	0.00	3,555	195.07	0.00
23.40	0.00	3,555	195.07	0.00
23.50	0.00	3,555	195.07	0.00
23.60	0.00	3,555	195.07	0.00
23.70	0.00	3,555	195.07	0.00
23.80	0.00	3,555	195.07	0.00
23.90	0.00	3,555	195.07	0.00
24.00	0.00	3,555	195.07	0.00
24.10	0.00	3,555	195.07	0.00
24.20	0.00	3,555	195.07	0.00
24.30	0.00	3,555	195.07	0.00
24.40	0.00	3,555	195.07	0.00
24.50	0.00	3,555	195.07	0.00
24.60	0.00	3,555	195.07	0.00
24.70	0.00	3,555	195.07	0.00
24.80	0.00	3,555	195.07	0.00
24.90	0.00	3,555	195.07	0.00
25.00	0.00	3,555	195.07	0.00
25.10	0.00	3,555	195.07	0.00
25.20	0.00	3,555	195.07	0.00
25.30	0.00	3,555	195.07	0.00
25.40	0.00	3,555	195.07	0.00
25.50	0.00	3,555	195.07	0.00
25.60	0.00	3,555	195.07	0.00
25.70	0.00	3,555	195.07	0.00
25.80	0.00	3,555	195.07	0.00
25.90	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,555	195.07	0.00
26.10	0.00	3,555	195.07	0.00
26.20	0.00	3,555	195.07	0.00
26.30	0.00	3,555	195.07	0.00
26.40	0.00	3,555	195.07	0.00
26.50	0.00	3,555	195.07	0.00
26.60	0.00	3,555	195.07	0.00
26.70	0.00	3,555	195.07	0.00
26.80	0.00	3,555	195.07	0.00
26.90	0.00	3,555	195.07	0.00
27.00	0.00	3,555	195.07	0.00
27.10	0.00	3,555	195.07	0.00
27.20	0.00	3,555	195.07	0.00
27.30	0.00	3,555	195.07	0.00
27.40	0.00	3,555	195.07	0.00
27.50	0.00	3,555	195.07	0.00
27.60	0.00	3,555	195.07	0.00
27.70	0.00	3,555	195.07	0.00
27.80	0.00	3,555	195.07	0.00
27.90	0.00	3,555	195.07	0.00
28.00	0.00	3,555	195.07	0.00
28.10	0.00	3,555	195.07	0.00
28.20	0.00	3,555	195.07	0.00
28.30	0.00	3,555	195.07	0.00
28.40	0.00	3,555	195.07	0.00
28.50	0.00	3,555	195.07	0.00
28.60	0.00	3,555	195.07	0.00
28.70	0.00	3,555	195.07	0.00
28.80	0.00	3,555	195.07	0.00
28.90	0.00	3,555	195.07	0.00
29.00	0.00	3,555	195.07	0.00
29.10	0.00	3,555	195.07	0.00
29.20	0.00	3,555	195.07	0.00
29.30	0.00	3,555	195.07	0.00
29.40	0.00	3,555	195.07	0.00
29.50	0.00	3,555	195.07	0.00
29.60	0.00	3,555	195.07	0.00
29.70	0.00	3,555	195.07	0.00
29.80	0.00	3,555	195.07	0.00
29.90	0.00	3,555	195.07	0.00
30.00	0.00	3,555	195.07	0.00
30.10	0.00	3,555	195.07	0.00
30.20	0.00	3,555	195.07	0.00
30.30	0.00	3,555	195.07	0.00
30.40	0.00	3,555	195.07	0.00
30.50	0.00	3,555	195.07	0.00
30.60	0.00	3,555	195.07	0.00
30.70	0.00	3,555	195.07	0.00
30.80	0.00	3,555	195.07	0.00
30.90	0.00	3,555	195.07	0.00
31.00	0.00	3,555	195.07	0.00
31.10	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,555	195.07	0.00
31.30	0.00	3,555	195.07	0.00
31.40	0.00	3,555	195.07	0.00
31.50	0.00	3,555	195.07	0.00
31.60	0.00	3,555	195.07	0.00
31.70	0.00	3,555	195.07	0.00
31.80	0.00	3,555	195.07	0.00
31.90	0.00	3,555	195.07	0.00
32.00	0.00	3,555	195.07	0.00
32.10	0.00	3,555	195.07	0.00
32.20	0.00	3,555	195.07	0.00
32.30	0.00	3,555	195.07	0.00
32.40	0.00	3,555	195.07	0.00
32.50	0.00	3,555	195.07	0.00
32.60	0.00	3,555	195.07	0.00
32.70	0.00	3,555	195.07	0.00
32.80	0.00	3,555	195.07	0.00
32.90	0.00	3,555	195.07	0.00
33.00	0.00	3,555	195.07	0.00
33.10	0.00	3,555	195.07	0.00
33.20	0.00	3,555	195.07	0.00
33.30	0.00	3,555	195.07	0.00
33.40	0.00	3,555	195.07	0.00
33.50	0.00	3,555	195.07	0.00
33.60	0.00	3,555	195.07	0.00
33.70	0.00	3,555	195.07	0.00
33.80	0.00	3,555	195.07	0.00
33.90	0.00	3,555	195.07	0.00
34.00	0.00	3,555	195.07	0.00
34.10	0.00	3,555	195.07	0.00
34.20	0.00	3,555	195.07	0.00
34.30	0.00	3,555	195.07	0.00
34.40	0.00	3,555	195.07	0.00
34.50	0.00	3,555	195.07	0.00
34.60	0.00	3,555	195.07	0.00
34.70	0.00	3,555	195.07	0.00
34.80	0.00	3,555	195.07	0.00
34.90	0.00	3,555	195.07	0.00
35.00	0.00	3,555	195.07	0.00
35.10	0.00	3,555	195.07	0.00
35.20	0.00	3,555	195.07	0.00
35.30	0.00	3,555	195.07	0.00
35.40	0.00	3,555	195.07	0.00
35.50	0.00	3,555	195.07	0.00
35.60	0.00	3,555	195.07	0.00
35.70	0.00	3,555	195.07	0.00
35.80	0.00	3,555	195.07	0.00
35.90	0.00	3,555	195.07	0.00
36.00	0.00	3,555	195.07	0.00
36.10	0.00	3,555	195.07	0.00
36.20	0.00	3,555	195.07	0.00
36.30	0.00	3,555	195.07	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,555	195.07	0.00
36.50	0.00	3,555	195.07	0.00
36.60	0.00	3,555	195.07	0.00
36.70	0.00	3,555	195.07	0.00
36.80	0.00	3,555	195.07	0.00
36.90	0.00	3,555	195.07	0.00
37.00	0.00	3,555	195.07	0.00
37.10	0.00	3,555	195.07	0.00
37.20	0.00	3,555	195.07	0.00
37.30	0.00	3,555	195.07	0.00
37.40	0.00	3,555	195.07	0.00
37.50	0.00	3,555	195.07	0.00
37.60	0.00	3,555	195.07	0.00
37.70	0.00	3,555	195.07	0.00
37.80	0.00	3,555	195.07	0.00
37.90	0.00	3,555	195.07	0.00
38.00	0.00	3,555	195.07	0.00
38.10	0.00	3,555	195.07	0.00
38.20	0.00	3,555	195.07	0.00
38.30	0.00	3,555	195.07	0.00
38.40	0.00	3,555	195.07	0.00
38.50	0.00	3,555	195.07	0.00
38.60	0.00	3,555	195.07	0.00
38.70	0.00	3,555	195.07	0.00
38.80	0.00	3,555	195.07	0.00
38.90	0.00	3,555	195.07	0.00
39.00	0.00	3,555	195.07	0.00
39.10	0.00	3,555	195.07	0.00
39.20	0.00	3,555	195.07	0.00
39.30	0.00	3,555	195.07	0.00
39.40	0.00	3,555	195.07	0.00
39.50	0.00	3,555	195.07	0.00
39.60	0.00	3,555	195.07	0.00
39.70	0.00	3,555	195.07	0.00
39.80	0.00	3,555	195.07	0.00
39.90	0.00	3,555	195.07	0.00
40.00	0.00	3,555	195.07	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.24
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.24
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.25
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.25
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.25
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.26
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.26
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.26
194.08	0.00	194.60	0.00	195.12	0.01	195.64	0.27
194.09	0.00	194.61	0.00	195.13	0.01	195.65	0.27
194.10	0.00	194.62	0.00	195.14	0.01	195.66	0.27
194.11	0.00	194.63	0.00	195.15	0.02	195.67	0.28
194.12	0.00	194.64	0.00	195.16	0.02	195.68	0.28
194.13	0.00	194.65	0.00	195.17	0.02	195.69	0.28
194.14	0.00	194.66	0.00	195.18	0.03	195.70	0.29
194.15	0.00	194.67	0.00	195.19	0.03	195.71	0.29
194.16	0.00	194.68	0.00	195.20	0.04	195.72	0.29
194.17	0.00	194.69	0.00	195.21	0.04	195.73	0.30
194.18	0.00	194.70	0.00	195.22	0.05	195.74	0.30
194.19	0.00	194.71	0.00	195.23	0.06	195.75	0.30
194.20	0.00	194.72	0.00	195.24	0.06	195.76	0.30
194.21	0.00	194.73	0.00	195.25	0.07	195.77	0.31
194.22	0.00	194.74	0.00	195.26	0.08	195.78	0.31
194.23	0.00	194.75	0.00	195.27	0.08	195.79	0.31
194.24	0.00	194.76	0.00	195.28	0.09	195.80	0.32
194.25	0.00	194.77	0.00	195.29	0.10	195.81	0.32
194.26	0.00	194.78	0.00	195.30	0.10	195.82	0.32
194.27	0.00	194.79	0.00	195.31	0.11	195.83	0.32
194.28	0.00	194.80	0.00	195.32	0.12	195.84	0.33
194.29	0.00	194.81	0.00	195.33	0.13	195.85	0.33
194.30	0.00	194.82	0.00	195.34	0.13	195.86	0.33
194.31	0.00	194.83	0.00	195.35	0.14	195.87	0.33
194.32	0.00	194.84	0.00	195.36	0.15	195.88	0.34
194.33	0.00	194.85	0.00	195.37	0.15	195.89	0.34
194.34	0.00	194.86	0.00	195.38	0.16	195.90	0.34
194.35	0.00	194.87	0.00	195.39	0.17	195.91	0.34
194.36	0.00	194.88	0.00	195.40	0.17	195.92	0.35
194.37	0.00	194.89	0.00	195.41	0.17	195.93	0.35
194.38	0.00	194.90	0.00	195.42	0.18	195.94	0.35
194.39	0.00	194.91	0.00	195.43	0.18	195.95	0.35
194.40	0.00	194.92	0.00	195.44	0.19	195.96	0.36
194.41	0.00	194.93	0.00	195.45	0.19	195.97	0.36
194.42	0.00	194.94	0.00	195.46	0.20	195.98	0.36
194.43	0.00	194.95	0.00	195.47	0.20	195.99	0.36
194.44	0.00	194.96	0.00	195.48	0.21	196.00	0.37
194.45	0.00	194.97	0.00	195.49	0.21	196.01	0.37
194.46	0.00	194.98	0.00	195.50	0.22	196.02	0.37
194.47	0.00	194.99	0.00	195.51	0.22	196.03	0.37
194.48	0.00	195.00	0.00	195.52	0.22	196.04	0.38
194.49	0.00	195.01	0.00	195.53	0.23	196.05	0.38
194.50	0.00	195.02	0.00	195.54	0.23	196.06	0.38
194.51	0.00	195.03	0.00	195.55	0.24	196.07	0.38

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.39	196.60	1.03	197.12	7.06	197.64	12.35
196.09	0.39	196.61	1.10	197.13	7.21	197.65	12.36
196.10	0.39	196.62	1.17	197.14	7.36	197.66	12.37
196.11	0.39	196.63	1.25	197.15	7.51	197.67	12.38
196.12	0.39	196.64	1.33	197.16	7.67	197.68	12.40
196.13	0.40	196.65	1.41	197.17	7.82	197.69	12.41
196.14	0.40	196.66	1.49	197.18	7.98	197.70	12.42
196.15	0.40	196.67	1.58	197.19	8.13	197.71	12.44
196.16	0.40	196.68	1.66	197.20	8.29	197.72	12.45
196.17	0.41	196.69	1.75	197.21	8.45	197.73	12.46
196.18	0.41	196.70	1.84	197.22	8.61	197.74	12.47
196.19	0.41	196.71	1.94	197.23	8.77	197.75	12.49
196.20	0.41	196.72	2.03	197.24	8.93	197.76	12.50
196.21	0.41	196.73	2.13	197.25	9.09	197.77	12.51
196.22	0.42	196.74	2.23	197.26	9.26	197.78	12.52
196.23	0.42	196.75	2.33	197.27	9.42	197.79	12.54
196.24	0.42	196.76	2.43	197.28	9.59	197.80	12.55
196.25	0.42	196.77	2.53	197.29	9.75	197.81	12.56
196.26	0.43	196.78	2.64	197.30	9.92	197.82	12.57
196.27	0.43	196.79	2.75	197.31	10.09	197.83	12.59
196.28	0.43	196.80	2.86	197.32	10.25	197.84	12.60
196.29	0.43	196.81	2.97	197.33	10.42	197.85	12.61
196.30	0.43	196.82	3.08	197.34	10.59	197.86	12.63
196.31	0.44	196.83	3.19	197.35	10.76	197.87	12.64
196.32	0.44	196.84	3.31	197.36	10.93	197.88	12.65
196.33	0.44	196.85	3.42	197.37	11.11	197.89	12.66
196.34	0.44	196.86	3.54	197.38	11.28	197.90	12.68
196.35	0.44	196.87	3.66	197.39	11.45	197.91	12.69
196.36	0.45	196.88	3.78	197.40	11.63	197.92	12.70
196.37	0.45	196.89	3.90	197.41	11.80	197.93	12.71
196.38	0.45	196.90	4.03	197.42	11.98	197.94	12.73
196.39	0.45	196.91	4.15	197.43	12.07	197.95	12.74
196.40	0.45	196.92	4.28	197.44	12.09	197.96	12.87
196.41	0.46	196.93	4.41	197.45	12.10	197.97	13.09
196.42	0.46	196.94	4.54	197.46	12.11	197.98	13.38
196.43	0.46	196.95	4.67	197.47	12.13	197.99	13.73
196.44	0.46	196.96	4.80	197.48	12.14	198.00	14.11
196.45	0.46	196.97	4.93	197.49	12.15		
196.46	0.46	196.98	5.06	197.50	12.17		
196.47	0.47	196.99	5.20	197.51	12.18		
196.48	0.47	197.00	5.34	197.52	12.19		
196.49	0.48	197.01	5.47	197.53	12.20		
196.50	0.51	197.02	5.61	197.54	12.22		
196.51	0.54	197.03	5.75	197.55	12.23		
196.52	0.58	197.04	5.89	197.56	12.24		
196.53	0.62	197.05	6.03	197.57	12.26		
196.54	0.67	197.06	6.18	197.58	12.27		
196.55	0.72	197.07	6.32	197.59	12.28		
196.56	0.78	197.08	6.47	197.60	12.29		
196.57	0.84	197.09	6.61	197.61	12.31		
196.58	0.90	197.10	6.76	197.62	12.32		
196.59	0.96	197.11	6.91	197.63	12.33		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	2,990	0	194.52	3,324	1,642
194.01	2,996	30	194.53	3,331	1,675
194.02	3,003	60	194.54	3,337	1,708
194.03	3,009	90	194.55	3,344	1,742
194.04	3,016	120	194.56	3,350	1,775
194.05	3,022	150	194.57	3,357	1,809
194.06	3,029	181	194.58	3,363	1,842
194.07	3,035	211	194.59	3,369	1,876
194.08	3,041	241	194.60	3,376	1,910
194.09	3,048	272	194.61	3,382	1,944
194.10	3,054	302	194.62	3,389	1,977
194.11	3,061	333	194.63	3,395	2,011
194.12	3,067	363	194.64	3,402	2,045
194.13	3,074	394	194.65	3,408	2,079
194.14	3,080	425	194.66	3,414	2,113
194.15	3,086	456	194.67	3,421	2,148
194.16	3,093	487	194.68	3,427	2,182
194.17	3,099	518	194.69	3,434	2,216
194.18	3,106	549	194.70	3,440	2,251
194.19	3,112	580	194.71	3,447	2,285
194.20	3,119	611	194.72	3,453	2,319
194.21	3,125	642	194.73	3,459	2,354
194.22	3,131	673	194.74	3,466	2,389
194.23	3,138	705	194.75	3,472	2,423
194.24	3,144	736	194.76	3,479	2,458
194.25	3,151	768	194.77	3,485	2,493
194.26	3,157	799	194.78	3,492	2,528
194.27	3,164	831	194.79	3,498	2,563
194.28	3,170	862	194.80	3,504	2,598
194.29	3,176	894	194.81	3,511	2,633
194.30	3,183	926	194.82	3,517	2,668
194.31	3,189	958	194.83	3,524	2,703
194.32	3,196	990	194.84	3,530	2,738
194.33	3,202	1,022	194.85	3,537	2,774
194.34	3,209	1,054	194.86	3,543	2,809
194.35	3,215	1,086	194.87	3,549	2,845
194.36	3,221	1,118	194.88	3,556	2,880
194.37	3,228	1,150	194.89	3,562	2,916
194.38	3,234	1,183	194.90	3,569	2,951
194.39	3,241	1,215	194.91	3,575	2,987
194.40	3,247	1,247	194.92	3,582	3,023
194.41	3,254	1,280	194.93	3,588	3,059
194.42	3,260	1,313	194.94	3,594	3,095
194.43	3,266	1,345	194.95	3,601	3,131
194.44	3,273	1,378	194.96	3,607	3,167
194.45	3,279	1,411	194.97	3,614	3,203
194.46	3,286	1,443	194.98	3,620	3,239
194.47	3,292	1,476	194.99	3,627	3,275
194.48	3,299	1,509	195.00	3,633	3,312
194.49	3,305	1,542	195.01	3,640	3,348
194.50	3,312	1,575	195.02	3,647	3,384
194.51	3,318	1,609	195.03	3,654	3,421

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	3,661	3,457	195.56	4,024	5,456
195.05	3,668	3,494	195.57	4,031	5,496
195.06	3,675	3,531	195.58	4,038	5,536
195.07	3,682	3,568	195.59	4,045	5,577
195.08	3,689	3,604	195.60	4,052	5,617
195.09	3,696	3,641	195.61	4,059	5,658
195.10	3,703	3,678	195.62	4,066	5,698
195.11	3,710	3,715	195.63	4,073	5,739
195.12	3,717	3,752	195.64	4,080	5,780
195.13	3,724	3,790	195.65	4,087	5,821
195.14	3,731	3,827	195.66	4,094	5,862
195.15	3,738	3,864	195.67	4,101	5,903
195.16	3,745	3,902	195.68	4,108	5,944
195.17	3,752	3,939	195.69	4,115	5,985
195.18	3,759	3,977	195.70	4,122	6,026
195.19	3,766	4,014	195.71	4,129	6,067
195.20	3,773	4,052	195.72	4,136	6,108
195.21	3,780	4,090	195.73	4,143	6,150
195.22	3,787	4,128	195.74	4,150	6,191
195.23	3,794	4,166	195.75	4,157	6,233
195.24	3,801	4,204	195.76	4,164	6,274
195.25	3,808	4,242	195.77	4,171	6,316
195.26	3,815	4,280	195.78	4,178	6,358
195.27	3,822	4,318	195.79	4,185	6,400
195.28	3,829	4,356	195.80	4,192	6,442
195.29	3,836	4,394	195.81	4,199	6,484
195.30	3,843	4,433	195.82	4,206	6,526
195.31	3,850	4,471	195.83	4,213	6,568
195.32	3,857	4,510	195.84	4,220	6,610
195.33	3,864	4,548	195.85	4,227	6,652
195.34	3,871	4,587	195.86	4,234	6,694
195.35	3,878	4,626	195.87	4,241	6,737
195.36	3,885	4,665	195.88	4,248	6,779
195.37	3,892	4,704	195.89	4,255	6,822
195.38	3,899	4,743	195.90	4,262	6,864
195.39	3,906	4,782	195.91	4,269	6,907
195.40	3,913	4,821	195.92	4,276	6,950
195.41	3,920	4,860	195.93	4,283	6,992
195.42	3,927	4,899	195.94	4,290	7,035
195.43	3,934	4,938	195.95	4,297	7,078
195.44	3,941	4,978	195.96	4,304	7,121
195.45	3,948	5,017	195.97	4,311	7,164
195.46	3,955	5,057	195.98	4,318	7,207
195.47	3,962	5,096	195.99	4,325	7,251
195.48	3,969	5,136	196.00	4,332	7,294
195.49	3,976	5,176	196.01	4,340	7,337
195.50	3,983	5,215	196.02	4,347	7,381
195.51	3,989	5,255	196.03	4,355	7,424
195.52	3,996	5,295	196.04	4,362	7,468
195.53	4,003	5,335	196.05	4,370	7,512
195.54	4,010	5,375	196.06	4,377	7,555
195.55	4,017	5,415	196.07	4,385	7,599

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	4,393	7,643	196.60	4,786	10,029
196.09	4,400	7,687	196.61	4,794	10,077
196.10	4,408	7,731	196.62	4,801	10,125
196.11	4,415	7,775	196.63	4,809	10,173
196.12	4,423	7,819	196.64	4,816	10,222
196.13	4,430	7,864	196.65	4,824	10,270
196.14	4,438	7,908	196.66	4,832	10,318
196.15	4,446	7,952	196.67	4,839	10,366
196.16	4,453	7,997	196.68	4,847	10,415
196.17	4,461	8,041	196.69	4,854	10,463
196.18	4,468	8,086	196.70	4,862	10,512
196.19	4,476	8,131	196.71	4,869	10,561
196.20	4,483	8,176	196.72	4,877	10,609
196.21	4,491	8,220	196.73	4,885	10,658
196.22	4,499	8,265	196.74	4,892	10,707
196.23	4,506	8,310	196.75	4,900	10,756
196.24	4,514	8,355	196.76	4,907	10,805
196.25	4,521	8,401	196.77	4,915	10,854
196.26	4,529	8,446	196.78	4,922	10,903
196.27	4,536	8,491	196.79	4,930	10,953
196.28	4,544	8,537	196.80	4,938	11,002
196.29	4,552	8,582	196.81	4,945	11,051
196.30	4,559	8,628	196.82	4,953	11,101
196.31	4,567	8,673	196.83	4,960	11,150
196.32	4,574	8,719	196.84	4,968	11,200
196.33	4,582	8,765	196.85	4,975	11,250
196.34	4,589	8,811	196.86	4,983	11,299
196.35	4,597	8,857	196.87	4,991	11,349
196.36	4,605	8,903	196.88	4,998	11,399
196.37	4,612	8,949	196.89	5,006	11,449
196.38	4,620	8,995	196.90	5,013	11,499
196.39	4,627	9,041	196.91	5,021	11,550
196.40	4,635	9,087	196.92	5,028	11,600
196.41	4,642	9,134	196.93	5,036	11,650
196.42	4,650	9,180	196.94	5,044	11,701
196.43	4,658	9,227	196.95	5,051	11,751
196.44	4,665	9,273	196.96	5,059	11,802
196.45	4,673	9,320	196.97	5,066	11,852
196.46	4,680	9,367	196.98	5,074	11,903
196.47	4,688	9,414	196.99	5,081	11,954
196.48	4,695	9,461	197.00	5,089	12,005
196.49	4,703	9,508	197.01	5,097	12,055
196.50	4,711	9,555	197.02	5,105	12,106
196.51	4,718	9,602	197.03	5,113	12,158
196.52	4,726	9,649	197.04	5,121	12,209
196.53	4,733	9,696	197.05	5,130	12,260
196.54	4,741	9,744	197.06	5,138	12,311
196.55	4,748	9,791	197.07	5,146	12,363
196.56	4,756	9,839	197.08	5,154	12,414
196.57	4,763	9,886	197.09	5,162	12,466
196.58	4,771	9,934	197.10	5,170	12,517
196.59	4,779	9,982	197.11	5,178	12,569

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	5,186	12,621	197.64	5,609	15,428
197.13	5,195	12,673	197.65	5,617	15,484
197.14	5,203	12,725	197.66	5,625	15,540
197.15	5,211	12,777	197.67	5,633	15,596
197.16	5,219	12,829	197.68	5,641	15,653
197.17	5,227	12,881	197.69	5,649	15,709
197.18	5,235	12,934	197.70	5,657	15,766
197.19	5,243	12,986	197.71	5,666	15,822
197.20	5,251	13,039	197.72	5,674	15,879
197.21	5,260	13,091	197.73	5,682	15,936
197.22	5,268	13,144	197.74	5,690	15,993
197.23	5,276	13,196	197.75	5,698	16,050
197.24	5,284	13,249	197.76	5,706	16,107
197.25	5,292	13,302	197.77	5,714	16,164
197.26	5,300	13,355	197.78	5,722	16,221
197.27	5,308	13,408	197.79	5,730	16,278
197.28	5,316	13,461	197.80	5,739	16,336
197.29	5,324	13,514	197.81	5,747	16,393
197.30	5,333	13,568	197.82	5,755	16,450
197.31	5,341	13,621	197.83	5,763	16,508
197.32	5,349	13,675	197.84	5,771	16,566
197.33	5,357	13,728	197.85	5,779	16,623
197.34	5,365	13,782	197.86	5,787	16,681
197.35	5,373	13,835	197.87	5,795	16,739
197.36	5,381	13,889	197.88	5,804	16,797
197.37	5,389	13,943	197.89	5,812	16,855
197.38	5,398	13,997	197.90	5,820	16,913
197.39	5,406	14,051	197.91	5,828	16,972
197.40	5,414	14,105	197.92	5,836	17,030
197.41	5,422	14,159	197.93	5,844	17,088
197.42	5,430	14,213	197.94	5,852	17,147
197.43	5,438	14,268	197.95	5,860	17,205
197.44	5,446	14,322	197.96	5,869	17,264
197.45	5,454	14,377	197.97	5,877	17,323
197.46	5,463	14,431	197.98	5,885	17,382
197.47	5,471	14,486	197.99	5,893	17,441
197.48	5,479	14,541	198.00	5,901	17,500
197.49	5,487	14,596			
197.50	5,495	14,651			
197.51	5,503	14,705			
197.52	5,511	14,761			
197.53	5,519	14,816			
197.54	5,527	14,871			
197.55	5,536	14,926			
197.56	5,544	14,982			
197.57	5,552	15,037			
197.58	5,560	15,093			
197.59	5,568	15,148			
197.60	5,576	15,204			
197.61	5,584	15,260			
197.62	5,592	15,316			
197.63	5,601	15,372			

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

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 0.59" for WQ Storm event
 Inflow = 3.05 cfs @ 1.15 hrs, Volume= 0.107 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.09' @ 2.60 hrs Surf.Area= 4,820 sf Storage= 4,643 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	23,353 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	3,709	0	0
195.00	4,724	4,217	4,217
196.00	5,796	5,260	9,477
197.00	6,924	6,360	15,837
198.00	8,108	7,516	23,353

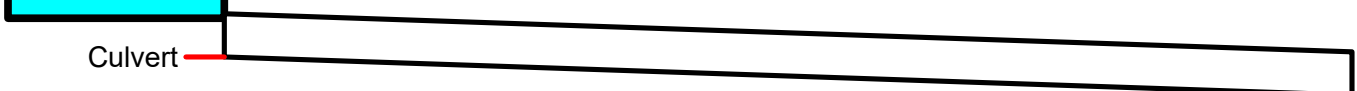
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.10'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.63'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=194.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 5.63 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

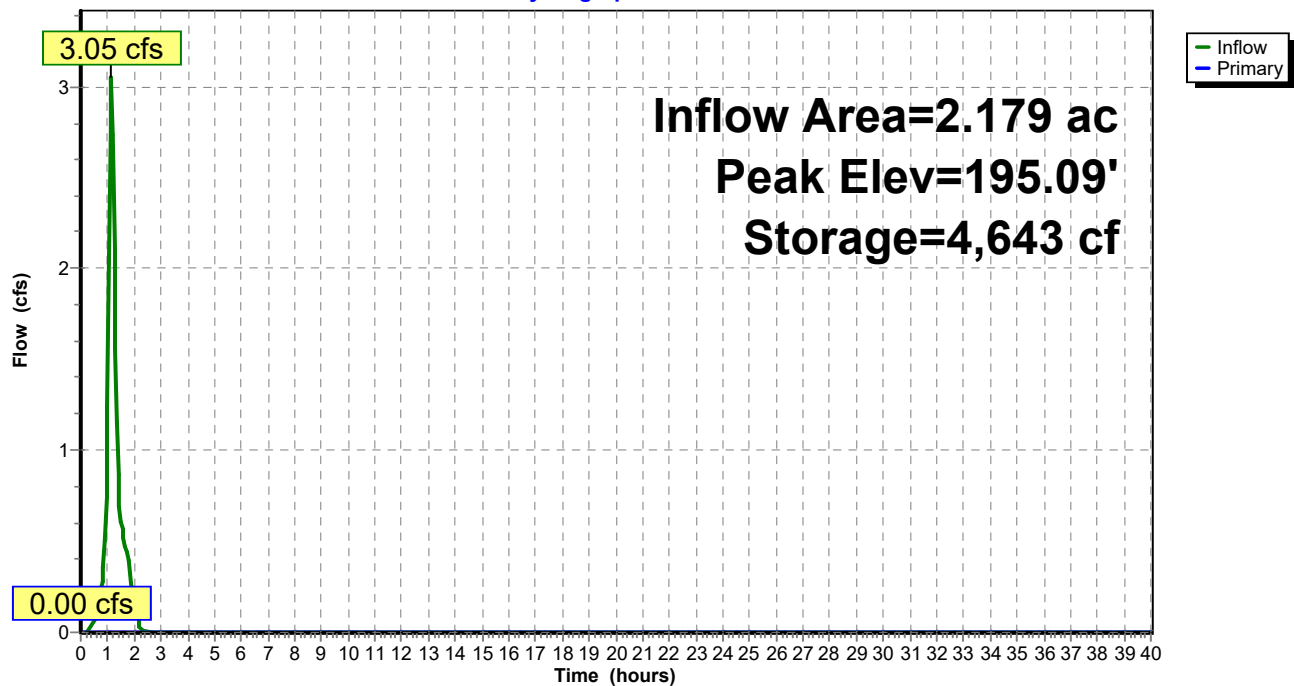
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Pond B-37B Basin #37B
 Orifice/Grate

Culvert



Pond B-37B: Basin #37B

Hydrograph



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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.01	1	194.00	0.00
0.50	0.05	9	194.00	0.00
0.60	0.12	39	194.01	0.00
0.70	0.21	99	194.03	0.00
0.80	0.28	187	194.05	0.00
0.90	0.50	323	194.09	0.00
1.00	1.23	611	194.16	0.00
1.10	2.75	1,335	194.34	0.00
1.20	2.74	2,379	194.59	0.00
1.30	1.56	3,146	194.77	0.00
1.40	0.86	3,572	194.86	0.00
1.50	0.61	3,830	194.92	0.00
1.60	0.52	4,033	194.96	0.00
1.70	0.44	4,205	195.00	0.00
1.80	0.41	4,358	195.03	0.00
1.90	0.27	4,483	195.06	0.00
2.00	0.17	4,558	195.07	0.00
2.10	0.11	4,611	195.08	0.00
2.20	0.03	4,635	195.09	0.00
2.30	0.01	4,642	195.09	0.00
2.40	0.00	4,643	195.09	0.00
2.50	0.00	4,643	195.09	0.00
2.60	0.00	4,643	195.09	0.00
2.70	0.00	4,643	195.09	0.00
2.80	0.00	4,643	195.09	0.00
2.90	0.00	4,643	195.09	0.00
3.00	0.00	4,643	195.09	0.00
3.10	0.00	4,643	195.09	0.00
3.20	0.00	4,643	195.09	0.00
3.30	0.00	4,643	195.09	0.00
3.40	0.00	4,643	195.09	0.00
3.50	0.00	4,643	195.09	0.00
3.60	0.00	4,643	195.09	0.00
3.70	0.00	4,643	195.09	0.00
3.80	0.00	4,643	195.09	0.00
3.90	0.00	4,643	195.09	0.00
4.00	0.00	4,643	195.09	0.00
4.10	0.00	4,643	195.09	0.00
4.20	0.00	4,643	195.09	0.00
4.30	0.00	4,643	195.09	0.00
4.40	0.00	4,643	195.09	0.00
4.50	0.00	4,643	195.09	0.00
4.60	0.00	4,643	195.09	0.00
4.70	0.00	4,643	195.09	0.00
4.80	0.00	4,643	195.09	0.00
4.90	0.00	4,643	195.09	0.00
5.00	0.00	4,643	195.09	0.00
5.10	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,643	195.09	0.00
5.30	0.00	4,643	195.09	0.00
5.40	0.00	4,643	195.09	0.00
5.50	0.00	4,643	195.09	0.00
5.60	0.00	4,643	195.09	0.00
5.70	0.00	4,643	195.09	0.00
5.80	0.00	4,643	195.09	0.00
5.90	0.00	4,643	195.09	0.00
6.00	0.00	4,643	195.09	0.00
6.10	0.00	4,643	195.09	0.00
6.20	0.00	4,643	195.09	0.00
6.30	0.00	4,643	195.09	0.00
6.40	0.00	4,643	195.09	0.00
6.50	0.00	4,643	195.09	0.00
6.60	0.00	4,643	195.09	0.00
6.70	0.00	4,643	195.09	0.00
6.80	0.00	4,643	195.09	0.00
6.90	0.00	4,643	195.09	0.00
7.00	0.00	4,643	195.09	0.00
7.10	0.00	4,643	195.09	0.00
7.20	0.00	4,643	195.09	0.00
7.30	0.00	4,643	195.09	0.00
7.40	0.00	4,643	195.09	0.00
7.50	0.00	4,643	195.09	0.00
7.60	0.00	4,643	195.09	0.00
7.70	0.00	4,643	195.09	0.00
7.80	0.00	4,643	195.09	0.00
7.90	0.00	4,643	195.09	0.00
8.00	0.00	4,643	195.09	0.00
8.10	0.00	4,643	195.09	0.00
8.20	0.00	4,643	195.09	0.00
8.30	0.00	4,643	195.09	0.00
8.40	0.00	4,643	195.09	0.00
8.50	0.00	4,643	195.09	0.00
8.60	0.00	4,643	195.09	0.00
8.70	0.00	4,643	195.09	0.00
8.80	0.00	4,643	195.09	0.00
8.90	0.00	4,643	195.09	0.00
9.00	0.00	4,643	195.09	0.00
9.10	0.00	4,643	195.09	0.00
9.20	0.00	4,643	195.09	0.00
9.30	0.00	4,643	195.09	0.00
9.40	0.00	4,643	195.09	0.00
9.50	0.00	4,643	195.09	0.00
9.60	0.00	4,643	195.09	0.00
9.70	0.00	4,643	195.09	0.00
9.80	0.00	4,643	195.09	0.00
9.90	0.00	4,643	195.09	0.00
10.00	0.00	4,643	195.09	0.00
10.10	0.00	4,643	195.09	0.00
10.20	0.00	4,643	195.09	0.00
10.30	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,643	195.09	0.00
10.50	0.00	4,643	195.09	0.00
10.60	0.00	4,643	195.09	0.00
10.70	0.00	4,643	195.09	0.00
10.80	0.00	4,643	195.09	0.00
10.90	0.00	4,643	195.09	0.00
11.00	0.00	4,643	195.09	0.00
11.10	0.00	4,643	195.09	0.00
11.20	0.00	4,643	195.09	0.00
11.30	0.00	4,643	195.09	0.00
11.40	0.00	4,643	195.09	0.00
11.50	0.00	4,643	195.09	0.00
11.60	0.00	4,643	195.09	0.00
11.70	0.00	4,643	195.09	0.00
11.80	0.00	4,643	195.09	0.00
11.90	0.00	4,643	195.09	0.00
12.00	0.00	4,643	195.09	0.00
12.10	0.00	4,643	195.09	0.00
12.20	0.00	4,643	195.09	0.00
12.30	0.00	4,643	195.09	0.00
12.40	0.00	4,643	195.09	0.00
12.50	0.00	4,643	195.09	0.00
12.60	0.00	4,643	195.09	0.00
12.70	0.00	4,643	195.09	0.00
12.80	0.00	4,643	195.09	0.00
12.90	0.00	4,643	195.09	0.00
13.00	0.00	4,643	195.09	0.00
13.10	0.00	4,643	195.09	0.00
13.20	0.00	4,643	195.09	0.00
13.30	0.00	4,643	195.09	0.00
13.40	0.00	4,643	195.09	0.00
13.50	0.00	4,643	195.09	0.00
13.60	0.00	4,643	195.09	0.00
13.70	0.00	4,643	195.09	0.00
13.80	0.00	4,643	195.09	0.00
13.90	0.00	4,643	195.09	0.00
14.00	0.00	4,643	195.09	0.00
14.10	0.00	4,643	195.09	0.00
14.20	0.00	4,643	195.09	0.00
14.30	0.00	4,643	195.09	0.00
14.40	0.00	4,643	195.09	0.00
14.50	0.00	4,643	195.09	0.00
14.60	0.00	4,643	195.09	0.00
14.70	0.00	4,643	195.09	0.00
14.80	0.00	4,643	195.09	0.00
14.90	0.00	4,643	195.09	0.00
15.00	0.00	4,643	195.09	0.00
15.10	0.00	4,643	195.09	0.00
15.20	0.00	4,643	195.09	0.00
15.30	0.00	4,643	195.09	0.00
15.40	0.00	4,643	195.09	0.00
15.50	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,643	195.09	0.00
15.70	0.00	4,643	195.09	0.00
15.80	0.00	4,643	195.09	0.00
15.90	0.00	4,643	195.09	0.00
16.00	0.00	4,643	195.09	0.00
16.10	0.00	4,643	195.09	0.00
16.20	0.00	4,643	195.09	0.00
16.30	0.00	4,643	195.09	0.00
16.40	0.00	4,643	195.09	0.00
16.50	0.00	4,643	195.09	0.00
16.60	0.00	4,643	195.09	0.00
16.70	0.00	4,643	195.09	0.00
16.80	0.00	4,643	195.09	0.00
16.90	0.00	4,643	195.09	0.00
17.00	0.00	4,643	195.09	0.00
17.10	0.00	4,643	195.09	0.00
17.20	0.00	4,643	195.09	0.00
17.30	0.00	4,643	195.09	0.00
17.40	0.00	4,643	195.09	0.00
17.50	0.00	4,643	195.09	0.00
17.60	0.00	4,643	195.09	0.00
17.70	0.00	4,643	195.09	0.00
17.80	0.00	4,643	195.09	0.00
17.90	0.00	4,643	195.09	0.00
18.00	0.00	4,643	195.09	0.00
18.10	0.00	4,643	195.09	0.00
18.20	0.00	4,643	195.09	0.00
18.30	0.00	4,643	195.09	0.00
18.40	0.00	4,643	195.09	0.00
18.50	0.00	4,643	195.09	0.00
18.60	0.00	4,643	195.09	0.00
18.70	0.00	4,643	195.09	0.00
18.80	0.00	4,643	195.09	0.00
18.90	0.00	4,643	195.09	0.00
19.00	0.00	4,643	195.09	0.00
19.10	0.00	4,643	195.09	0.00
19.20	0.00	4,643	195.09	0.00
19.30	0.00	4,643	195.09	0.00
19.40	0.00	4,643	195.09	0.00
19.50	0.00	4,643	195.09	0.00
19.60	0.00	4,643	195.09	0.00
19.70	0.00	4,643	195.09	0.00
19.80	0.00	4,643	195.09	0.00
19.90	0.00	4,643	195.09	0.00
20.00	0.00	4,643	195.09	0.00
20.10	0.00	4,643	195.09	0.00
20.20	0.00	4,643	195.09	0.00
20.30	0.00	4,643	195.09	0.00
20.40	0.00	4,643	195.09	0.00
20.50	0.00	4,643	195.09	0.00
20.60	0.00	4,643	195.09	0.00
20.70	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,643	195.09	0.00
20.90	0.00	4,643	195.09	0.00
21.00	0.00	4,643	195.09	0.00
21.10	0.00	4,643	195.09	0.00
21.20	0.00	4,643	195.09	0.00
21.30	0.00	4,643	195.09	0.00
21.40	0.00	4,643	195.09	0.00
21.50	0.00	4,643	195.09	0.00
21.60	0.00	4,643	195.09	0.00
21.70	0.00	4,643	195.09	0.00
21.80	0.00	4,643	195.09	0.00
21.90	0.00	4,643	195.09	0.00
22.00	0.00	4,643	195.09	0.00
22.10	0.00	4,643	195.09	0.00
22.20	0.00	4,643	195.09	0.00
22.30	0.00	4,643	195.09	0.00
22.40	0.00	4,643	195.09	0.00
22.50	0.00	4,643	195.09	0.00
22.60	0.00	4,643	195.09	0.00
22.70	0.00	4,643	195.09	0.00
22.80	0.00	4,643	195.09	0.00
22.90	0.00	4,643	195.09	0.00
23.00	0.00	4,643	195.09	0.00
23.10	0.00	4,643	195.09	0.00
23.20	0.00	4,643	195.09	0.00
23.30	0.00	4,643	195.09	0.00
23.40	0.00	4,643	195.09	0.00
23.50	0.00	4,643	195.09	0.00
23.60	0.00	4,643	195.09	0.00
23.70	0.00	4,643	195.09	0.00
23.80	0.00	4,643	195.09	0.00
23.90	0.00	4,643	195.09	0.00
24.00	0.00	4,643	195.09	0.00
24.10	0.00	4,643	195.09	0.00
24.20	0.00	4,643	195.09	0.00
24.30	0.00	4,643	195.09	0.00
24.40	0.00	4,643	195.09	0.00
24.50	0.00	4,643	195.09	0.00
24.60	0.00	4,643	195.09	0.00
24.70	0.00	4,643	195.09	0.00
24.80	0.00	4,643	195.09	0.00
24.90	0.00	4,643	195.09	0.00
25.00	0.00	4,643	195.09	0.00
25.10	0.00	4,643	195.09	0.00
25.20	0.00	4,643	195.09	0.00
25.30	0.00	4,643	195.09	0.00
25.40	0.00	4,643	195.09	0.00
25.50	0.00	4,643	195.09	0.00
25.60	0.00	4,643	195.09	0.00
25.70	0.00	4,643	195.09	0.00
25.80	0.00	4,643	195.09	0.00
25.90	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,643	195.09	0.00
26.10	0.00	4,643	195.09	0.00
26.20	0.00	4,643	195.09	0.00
26.30	0.00	4,643	195.09	0.00
26.40	0.00	4,643	195.09	0.00
26.50	0.00	4,643	195.09	0.00
26.60	0.00	4,643	195.09	0.00
26.70	0.00	4,643	195.09	0.00
26.80	0.00	4,643	195.09	0.00
26.90	0.00	4,643	195.09	0.00
27.00	0.00	4,643	195.09	0.00
27.10	0.00	4,643	195.09	0.00
27.20	0.00	4,643	195.09	0.00
27.30	0.00	4,643	195.09	0.00
27.40	0.00	4,643	195.09	0.00
27.50	0.00	4,643	195.09	0.00
27.60	0.00	4,643	195.09	0.00
27.70	0.00	4,643	195.09	0.00
27.80	0.00	4,643	195.09	0.00
27.90	0.00	4,643	195.09	0.00
28.00	0.00	4,643	195.09	0.00
28.10	0.00	4,643	195.09	0.00
28.20	0.00	4,643	195.09	0.00
28.30	0.00	4,643	195.09	0.00
28.40	0.00	4,643	195.09	0.00
28.50	0.00	4,643	195.09	0.00
28.60	0.00	4,643	195.09	0.00
28.70	0.00	4,643	195.09	0.00
28.80	0.00	4,643	195.09	0.00
28.90	0.00	4,643	195.09	0.00
29.00	0.00	4,643	195.09	0.00
29.10	0.00	4,643	195.09	0.00
29.20	0.00	4,643	195.09	0.00
29.30	0.00	4,643	195.09	0.00
29.40	0.00	4,643	195.09	0.00
29.50	0.00	4,643	195.09	0.00
29.60	0.00	4,643	195.09	0.00
29.70	0.00	4,643	195.09	0.00
29.80	0.00	4,643	195.09	0.00
29.90	0.00	4,643	195.09	0.00
30.00	0.00	4,643	195.09	0.00
30.10	0.00	4,643	195.09	0.00
30.20	0.00	4,643	195.09	0.00
30.30	0.00	4,643	195.09	0.00
30.40	0.00	4,643	195.09	0.00
30.50	0.00	4,643	195.09	0.00
30.60	0.00	4,643	195.09	0.00
30.70	0.00	4,643	195.09	0.00
30.80	0.00	4,643	195.09	0.00
30.90	0.00	4,643	195.09	0.00
31.00	0.00	4,643	195.09	0.00
31.10	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,643	195.09	0.00
31.30	0.00	4,643	195.09	0.00
31.40	0.00	4,643	195.09	0.00
31.50	0.00	4,643	195.09	0.00
31.60	0.00	4,643	195.09	0.00
31.70	0.00	4,643	195.09	0.00
31.80	0.00	4,643	195.09	0.00
31.90	0.00	4,643	195.09	0.00
32.00	0.00	4,643	195.09	0.00
32.10	0.00	4,643	195.09	0.00
32.20	0.00	4,643	195.09	0.00
32.30	0.00	4,643	195.09	0.00
32.40	0.00	4,643	195.09	0.00
32.50	0.00	4,643	195.09	0.00
32.60	0.00	4,643	195.09	0.00
32.70	0.00	4,643	195.09	0.00
32.80	0.00	4,643	195.09	0.00
32.90	0.00	4,643	195.09	0.00
33.00	0.00	4,643	195.09	0.00
33.10	0.00	4,643	195.09	0.00
33.20	0.00	4,643	195.09	0.00
33.30	0.00	4,643	195.09	0.00
33.40	0.00	4,643	195.09	0.00
33.50	0.00	4,643	195.09	0.00
33.60	0.00	4,643	195.09	0.00
33.70	0.00	4,643	195.09	0.00
33.80	0.00	4,643	195.09	0.00
33.90	0.00	4,643	195.09	0.00
34.00	0.00	4,643	195.09	0.00
34.10	0.00	4,643	195.09	0.00
34.20	0.00	4,643	195.09	0.00
34.30	0.00	4,643	195.09	0.00
34.40	0.00	4,643	195.09	0.00
34.50	0.00	4,643	195.09	0.00
34.60	0.00	4,643	195.09	0.00
34.70	0.00	4,643	195.09	0.00
34.80	0.00	4,643	195.09	0.00
34.90	0.00	4,643	195.09	0.00
35.00	0.00	4,643	195.09	0.00
35.10	0.00	4,643	195.09	0.00
35.20	0.00	4,643	195.09	0.00
35.30	0.00	4,643	195.09	0.00
35.40	0.00	4,643	195.09	0.00
35.50	0.00	4,643	195.09	0.00
35.60	0.00	4,643	195.09	0.00
35.70	0.00	4,643	195.09	0.00
35.80	0.00	4,643	195.09	0.00
35.90	0.00	4,643	195.09	0.00
36.00	0.00	4,643	195.09	0.00
36.10	0.00	4,643	195.09	0.00
36.20	0.00	4,643	195.09	0.00
36.30	0.00	4,643	195.09	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,643	195.09	0.00
36.50	0.00	4,643	195.09	0.00
36.60	0.00	4,643	195.09	0.00
36.70	0.00	4,643	195.09	0.00
36.80	0.00	4,643	195.09	0.00
36.90	0.00	4,643	195.09	0.00
37.00	0.00	4,643	195.09	0.00
37.10	0.00	4,643	195.09	0.00
37.20	0.00	4,643	195.09	0.00
37.30	0.00	4,643	195.09	0.00
37.40	0.00	4,643	195.09	0.00
37.50	0.00	4,643	195.09	0.00
37.60	0.00	4,643	195.09	0.00
37.70	0.00	4,643	195.09	0.00
37.80	0.00	4,643	195.09	0.00
37.90	0.00	4,643	195.09	0.00
38.00	0.00	4,643	195.09	0.00
38.10	0.00	4,643	195.09	0.00
38.20	0.00	4,643	195.09	0.00
38.30	0.00	4,643	195.09	0.00
38.40	0.00	4,643	195.09	0.00
38.50	0.00	4,643	195.09	0.00
38.60	0.00	4,643	195.09	0.00
38.70	0.00	4,643	195.09	0.00
38.80	0.00	4,643	195.09	0.00
38.90	0.00	4,643	195.09	0.00
39.00	0.00	4,643	195.09	0.00
39.10	0.00	4,643	195.09	0.00
39.20	0.00	4,643	195.09	0.00
39.30	0.00	4,643	195.09	0.00
39.40	0.00	4,643	195.09	0.00
39.50	0.00	4,643	195.09	0.00
39.60	0.00	4,643	195.09	0.00
39.70	0.00	4,643	195.09	0.00
39.80	0.00	4,643	195.09	0.00
39.90	0.00	4,643	195.09	0.00
40.00	0.00	4,643	195.09	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.10
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.10
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.10
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.10
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.10
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.10
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.11
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.11
194.08	0.00	194.60	0.00	195.12	0.00	195.64	0.11
194.09	0.00	194.61	0.00	195.13	0.00	195.65	0.11
194.10	0.00	194.62	0.00	195.14	0.00	195.66	0.11
194.11	0.00	194.63	0.00	195.15	0.00	195.67	0.11
194.12	0.00	194.64	0.00	195.16	0.01	195.68	0.11
194.13	0.00	194.65	0.00	195.17	0.01	195.69	0.11
194.14	0.00	194.66	0.00	195.18	0.01	195.70	0.12
194.15	0.00	194.67	0.00	195.19	0.01	195.71	0.12
194.16	0.00	194.68	0.00	195.20	0.02	195.72	0.12
194.17	0.00	194.69	0.00	195.21	0.02	195.73	0.12
194.18	0.00	194.70	0.00	195.22	0.02	195.74	0.12
194.19	0.00	194.71	0.00	195.23	0.03	195.75	0.12
194.20	0.00	194.72	0.00	195.24	0.03	195.76	0.12
194.21	0.00	194.73	0.00	195.25	0.03	195.77	0.12
194.22	0.00	194.74	0.00	195.26	0.04	195.78	0.12
194.23	0.00	194.75	0.00	195.27	0.04	195.79	0.13
194.24	0.00	194.76	0.00	195.28	0.05	195.80	0.13
194.25	0.00	194.77	0.00	195.29	0.05	195.81	0.13
194.26	0.00	194.78	0.00	195.30	0.05	195.82	0.13
194.27	0.00	194.79	0.00	195.31	0.05	195.83	0.13
194.28	0.00	194.80	0.00	195.32	0.06	195.84	0.13
194.29	0.00	194.81	0.00	195.33	0.06	195.85	0.13
194.30	0.00	194.82	0.00	195.34	0.06	195.86	0.13
194.31	0.00	194.83	0.00	195.35	0.06	195.87	0.13
194.32	0.00	194.84	0.00	195.36	0.06	195.88	0.13
194.33	0.00	194.85	0.00	195.37	0.07	195.89	0.14
194.34	0.00	194.86	0.00	195.38	0.07	195.90	0.14
194.35	0.00	194.87	0.00	195.39	0.07	195.91	0.14
194.36	0.00	194.88	0.00	195.40	0.07	195.92	0.14
194.37	0.00	194.89	0.00	195.41	0.07	195.93	0.14
194.38	0.00	194.90	0.00	195.42	0.08	195.94	0.14
194.39	0.00	194.91	0.00	195.43	0.08	195.95	0.14
194.40	0.00	194.92	0.00	195.44	0.08	195.96	0.14
194.41	0.00	194.93	0.00	195.45	0.08	195.97	0.14
194.42	0.00	194.94	0.00	195.46	0.08	195.98	0.14
194.43	0.00	194.95	0.00	195.47	0.08	195.99	0.15
194.44	0.00	194.96	0.00	195.48	0.09	196.00	0.15
194.45	0.00	194.97	0.00	195.49	0.09	196.01	0.15
194.46	0.00	194.98	0.00	195.50	0.09	196.02	0.15
194.47	0.00	194.99	0.00	195.51	0.09	196.03	0.15
194.48	0.00	195.00	0.00	195.52	0.09	196.04	0.15
194.49	0.00	195.01	0.00	195.53	0.09	196.05	0.15
194.50	0.00	195.02	0.00	195.54	0.10	196.06	0.15
194.51	0.00	195.03	0.00	195.55	0.10	196.07	0.15

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.15	196.60	0.19	197.12	4.60	197.64	12.35
196.09	0.15	196.61	0.19	197.13	4.74	197.65	12.36
196.10	0.16	196.62	0.20	197.14	4.87	197.66	12.37
196.11	0.16	196.63	0.20	197.15	5.01	197.67	12.38
196.12	0.16	196.64	0.21	197.16	5.14	197.68	12.40
196.13	0.16	196.65	0.23	197.17	5.28	197.69	12.41
196.14	0.16	196.66	0.27	197.18	5.42	197.70	12.42
196.15	0.16	196.67	0.30	197.19	5.56	197.71	12.44
196.16	0.16	196.68	0.35	197.20	5.70	197.72	12.45
196.17	0.16	196.69	0.39	197.21	5.84	197.73	12.46
196.18	0.16	196.70	0.44	197.22	5.99	197.74	12.47
196.19	0.16	196.71	0.50	197.23	6.13	197.75	12.49
196.20	0.16	196.72	0.55	197.24	6.28	197.76	12.50
196.21	0.16	196.73	0.61	197.25	6.42	197.77	12.51
196.22	0.17	196.74	0.68	197.26	6.57	197.78	12.52
196.23	0.17	196.75	0.74	197.27	6.72	197.79	12.54
196.24	0.17	196.76	0.81	197.28	6.87	197.80	12.55
196.25	0.17	196.77	0.89	197.29	7.02	197.81	12.56
196.26	0.17	196.78	0.96	197.30	7.17	197.82	12.57
196.27	0.17	196.79	1.04	197.31	7.32	197.83	12.59
196.28	0.17	196.80	1.12	197.32	7.48	197.84	12.60
196.29	0.17	196.81	1.20	197.33	7.63	197.85	12.61
196.30	0.17	196.82	1.28	197.34	7.79	197.86	12.63
196.31	0.17	196.83	1.37	197.35	7.94	197.87	12.64
196.32	0.17	196.84	1.46	197.36	8.10	197.88	12.65
196.33	0.17	196.85	1.55	197.37	8.26	197.89	12.66
196.34	0.17	196.86	1.64	197.38	8.42	197.90	12.68
196.35	0.18	196.87	1.73	197.39	8.58	197.91	12.69
196.36	0.18	196.88	1.83	197.40	8.74	197.92	12.70
196.37	0.18	196.89	1.92	197.41	8.90	197.93	12.71
196.38	0.18	196.90	2.02	197.42	9.07	197.94	12.73
196.39	0.18	196.91	2.13	197.43	9.23	197.95	12.74
196.40	0.18	196.92	2.23	197.44	9.39	197.96	12.87
196.41	0.18	196.93	2.33	197.45	9.56	197.97	13.09
196.42	0.18	196.94	2.44	197.46	9.73	197.98	13.38
196.43	0.18	196.95	2.55	197.47	9.89	197.99	13.73
196.44	0.18	196.96	2.66	197.48	10.06	198.00	14.11
196.45	0.18	196.97	2.77	197.49	10.23		
196.46	0.18	196.98	2.88	197.50	10.40		
196.47	0.18	196.99	2.99	197.51	10.57		
196.48	0.19	197.00	3.11	197.52	10.74		
196.49	0.19	197.01	3.23	197.53	10.92		
196.50	0.19	197.02	3.34	197.54	11.09		
196.51	0.19	197.03	3.46	197.55	11.26		
196.52	0.19	197.04	3.59	197.56	11.44		
196.53	0.19	197.05	3.71	197.57	11.61		
196.54	0.19	197.06	3.83	197.58	11.79		
196.55	0.19	197.07	3.96	197.59	11.97		
196.56	0.19	197.08	4.08	197.60	12.14		
196.57	0.19	197.09	4.21	197.61	12.31		
196.58	0.19	197.10	4.34	197.62	12.32		
196.59	0.19	197.11	4.47	197.63	12.33		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	3,709	0	194.52	4,237	2,066
194.01	3,719	37	194.53	4,247	2,108
194.02	3,729	74	194.54	4,257	2,151
194.03	3,739	112	194.55	4,267	2,193
194.04	3,750	149	194.56	4,277	2,236
194.05	3,760	187	194.57	4,288	2,279
194.06	3,770	224	194.58	4,298	2,322
194.07	3,780	262	194.59	4,308	2,365
194.08	3,790	300	194.60	4,318	2,408
194.09	3,800	338	194.61	4,328	2,451
194.10	3,810	376	194.62	4,338	2,495
194.11	3,821	414	194.63	4,348	2,538
194.12	3,831	452	194.64	4,359	2,582
194.13	3,841	491	194.65	4,369	2,625
194.14	3,851	529	194.66	4,379	2,669
194.15	3,861	568	194.67	4,389	2,713
194.16	3,871	606	194.68	4,399	2,757
194.17	3,882	645	194.69	4,409	2,801
194.18	3,892	684	194.70	4,419	2,845
194.19	3,902	723	194.71	4,430	2,889
194.20	3,912	762	194.72	4,440	2,934
194.21	3,922	801	194.73	4,450	2,978
194.22	3,932	841	194.74	4,460	3,023
194.23	3,942	880	194.75	4,470	3,067
194.24	3,953	919	194.76	4,480	3,112
194.25	3,963	959	194.77	4,491	3,157
194.26	3,973	999	194.78	4,501	3,202
194.27	3,983	1,038	194.79	4,511	3,247
194.28	3,993	1,078	194.80	4,521	3,292
194.29	4,003	1,118	194.81	4,531	3,337
194.30	4,014	1,158	194.82	4,541	3,383
194.31	4,024	1,199	194.83	4,551	3,428
194.32	4,034	1,239	194.84	4,562	3,474
194.33	4,044	1,279	194.85	4,572	3,519
194.34	4,054	1,320	194.86	4,582	3,565
194.35	4,064	1,360	194.87	4,592	3,611
194.36	4,074	1,401	194.88	4,602	3,657
194.37	4,085	1,442	194.89	4,612	3,703
194.38	4,095	1,483	194.90	4,623	3,749
194.39	4,105	1,524	194.91	4,633	3,795
194.40	4,115	1,565	194.92	4,643	3,842
194.41	4,125	1,606	194.93	4,653	3,888
194.42	4,135	1,647	194.94	4,663	3,935
194.43	4,145	1,689	194.95	4,673	3,982
194.44	4,156	1,730	194.96	4,683	4,028
194.45	4,166	1,772	194.97	4,694	4,075
194.46	4,176	1,814	194.98	4,704	4,122
194.47	4,186	1,855	194.99	4,714	4,169
194.48	4,196	1,897	195.00	4,724	4,217
194.49	4,206	1,939	195.01	4,735	4,264
194.50	4,217	1,981	195.02	4,745	4,311
194.51	4,227	2,024	195.03	4,756	4,359

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	4,767	4,406	195.56	5,324	7,030
195.05	4,778	4,454	195.57	5,335	7,083
195.06	4,788	4,502	195.58	5,346	7,137
195.07	4,799	4,550	195.59	5,356	7,190
195.08	4,810	4,598	195.60	5,367	7,244
195.09	4,820	4,646	195.61	5,378	7,298
195.10	4,831	4,694	195.62	5,389	7,351
195.11	4,842	4,743	195.63	5,399	7,405
195.12	4,853	4,791	195.64	5,410	7,459
195.13	4,863	4,840	195.65	5,421	7,514
195.14	4,874	4,888	195.66	5,432	7,568
195.15	4,885	4,937	195.67	5,442	7,622
195.16	4,896	4,986	195.68	5,453	7,677
195.17	4,906	5,035	195.69	5,464	7,731
195.18	4,917	5,084	195.70	5,474	7,786
195.19	4,928	5,133	195.71	5,485	7,841
195.20	4,938	5,183	195.72	5,496	7,896
195.21	4,949	5,232	195.73	5,507	7,951
195.22	4,960	5,282	195.74	5,517	8,006
195.23	4,971	5,331	195.75	5,528	8,061
195.24	4,981	5,381	195.76	5,539	8,116
195.25	4,992	5,431	195.77	5,549	8,172
195.26	5,003	5,481	195.78	5,560	8,227
195.27	5,013	5,531	195.79	5,571	8,283
195.28	5,024	5,581	195.80	5,582	8,339
195.29	5,035	5,632	195.81	5,592	8,395
195.30	5,046	5,682	195.82	5,603	8,451
195.31	5,056	5,732	195.83	5,614	8,507
195.32	5,067	5,783	195.84	5,624	8,563
195.33	5,078	5,834	195.85	5,635	8,619
195.34	5,088	5,885	195.86	5,646	8,676
195.35	5,099	5,936	195.87	5,657	8,732
195.36	5,110	5,987	195.88	5,667	8,789
195.37	5,121	6,038	195.89	5,678	8,845
195.38	5,131	6,089	195.90	5,689	8,902
195.39	5,142	6,140	195.91	5,700	8,959
195.40	5,153	6,192	195.92	5,710	9,016
195.41	5,164	6,243	195.93	5,721	9,073
195.42	5,174	6,295	195.94	5,732	9,131
195.43	5,185	6,347	195.95	5,742	9,188
195.44	5,196	6,399	195.96	5,753	9,246
195.45	5,206	6,451	195.97	5,764	9,303
195.46	5,217	6,503	195.98	5,775	9,361
195.47	5,228	6,555	195.99	5,785	9,419
195.48	5,239	6,608	196.00	5,796	9,477
195.49	5,249	6,660	196.01	5,807	9,535
195.50	5,260	6,713	196.02	5,819	9,593
195.51	5,271	6,765	196.03	5,830	9,651
195.52	5,281	6,818	196.04	5,841	9,709
195.53	5,292	6,871	196.05	5,852	9,768
195.54	5,303	6,924	196.06	5,864	9,826
195.55	5,314	6,977	196.07	5,875	9,885

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	5,886	9,944	196.60	6,473	13,157
196.09	5,898	10,003	196.61	6,484	13,222
196.10	5,909	10,062	196.62	6,495	13,287
196.11	5,920	10,121	196.63	6,507	13,352
196.12	5,931	10,180	196.64	6,518	13,417
196.13	5,943	10,240	196.65	6,529	13,482
196.14	5,954	10,299	196.66	6,540	13,548
196.15	5,965	10,359	196.67	6,552	13,613
196.16	5,976	10,418	196.68	6,563	13,679
196.17	5,988	10,478	196.69	6,574	13,744
196.18	5,999	10,538	196.70	6,586	13,810
196.19	6,010	10,598	196.71	6,597	13,876
196.20	6,022	10,658	196.72	6,608	13,942
196.21	6,033	10,719	196.73	6,619	14,008
196.22	6,044	10,779	196.74	6,631	14,074
196.23	6,055	10,839	196.75	6,642	14,141
196.24	6,067	10,900	196.76	6,653	14,207
196.25	6,078	10,961	196.77	6,665	14,274
196.26	6,089	11,022	196.78	6,676	14,341
196.27	6,101	11,083	196.79	6,687	14,407
196.28	6,112	11,144	196.80	6,698	14,474
196.29	6,123	11,205	196.81	6,710	14,541
196.30	6,134	11,266	196.82	6,721	14,608
196.31	6,146	11,327	196.83	6,732	14,676
196.32	6,157	11,389	196.84	6,744	14,743
196.33	6,168	11,451	196.85	6,755	14,811
196.34	6,180	11,512	196.86	6,766	14,878
196.35	6,191	11,574	196.87	6,777	14,946
196.36	6,202	11,636	196.88	6,789	15,014
196.37	6,213	11,698	196.89	6,800	15,082
196.38	6,225	11,760	196.90	6,811	15,150
196.39	6,236	11,823	196.91	6,822	15,218
196.40	6,247	11,885	196.92	6,834	15,286
196.41	6,258	11,948	196.93	6,845	15,355
196.42	6,270	12,010	196.94	6,856	15,423
196.43	6,281	12,073	196.95	6,868	15,492
196.44	6,292	12,136	196.96	6,879	15,560
196.45	6,304	12,199	196.97	6,890	15,629
196.46	6,315	12,262	196.98	6,901	15,698
196.47	6,326	12,325	196.99	6,913	15,767
196.48	6,337	12,389	197.00	6,924	15,837
196.49	6,349	12,452	197.01	6,936	15,906
196.50	6,360	12,516	197.02	6,948	15,975
196.51	6,371	12,579	197.03	6,960	16,045
196.52	6,383	12,643	197.04	6,971	16,114
196.53	6,394	12,707	197.05	6,983	16,184
196.54	6,405	12,771	197.06	6,995	16,254
196.55	6,416	12,835	197.07	7,007	16,324
196.56	6,428	12,899	197.08	7,019	16,394
196.57	6,439	12,963	197.09	7,031	16,464
196.58	6,450	13,028	197.10	7,042	16,535
196.59	6,462	13,092	197.11	7,054	16,605

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	7,066	16,676	197.64	7,682	20,510
197.13	7,078	16,747	197.65	7,694	20,587
197.14	7,090	16,817	197.66	7,705	20,664
197.15	7,102	16,888	197.67	7,717	20,741
197.16	7,113	16,959	197.68	7,729	20,819
197.17	7,125	17,031	197.69	7,741	20,896
197.18	7,137	17,102	197.70	7,753	20,973
197.19	7,149	17,173	197.71	7,765	21,051
197.20	7,161	17,245	197.72	7,776	21,129
197.21	7,173	17,317	197.73	7,788	21,206
197.22	7,184	17,388	197.74	7,800	21,284
197.23	7,196	17,460	197.75	7,812	21,363
197.24	7,208	17,532	197.76	7,824	21,441
197.25	7,220	17,605	197.77	7,836	21,519
197.26	7,232	17,677	197.78	7,848	21,597
197.27	7,244	17,749	197.79	7,859	21,676
197.28	7,256	17,822	197.80	7,871	21,755
197.29	7,267	17,894	197.81	7,883	21,833
197.30	7,279	17,967	197.82	7,895	21,912
197.31	7,291	18,040	197.83	7,907	21,991
197.32	7,303	18,113	197.84	7,919	22,070
197.33	7,315	18,186	197.85	7,930	22,150
197.34	7,327	18,259	197.86	7,942	22,229
197.35	7,338	18,332	197.87	7,954	22,308
197.36	7,350	18,406	197.88	7,966	22,388
197.37	7,362	18,479	197.89	7,978	22,468
197.38	7,374	18,553	197.90	7,990	22,548
197.39	7,386	18,627	197.91	8,001	22,628
197.40	7,398	18,701	197.92	8,013	22,708
197.41	7,409	18,775	197.93	8,025	22,788
197.42	7,421	18,849	197.94	8,037	22,868
197.43	7,433	18,923	197.95	8,049	22,949
197.44	7,445	18,998	197.96	8,061	23,029
197.45	7,457	19,072	197.97	8,072	23,110
197.46	7,469	19,147	197.98	8,084	23,191
197.47	7,480	19,222	197.99	8,096	23,271
197.48	7,492	19,296	198.00	8,108	23,353
197.49	7,504	19,371			
197.50	7,516	19,447			
197.51	7,528	19,522			
197.52	7,540	19,597			
197.53	7,552	19,673			
197.54	7,563	19,748			
197.55	7,575	19,824			
197.56	7,587	19,900			
197.57	7,599	19,976			
197.58	7,611	20,052			
197.59	7,623	20,128			
197.60	7,634	20,204			
197.61	7,646	20,280			
197.62	7,658	20,357			
197.63	7,670	20,434			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 1.98 cfs @ 1.15 hrs, Volume= 0.072 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.59' @ 2.60 hrs Surf.Area= 5,607 sf Storage= 3,143 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

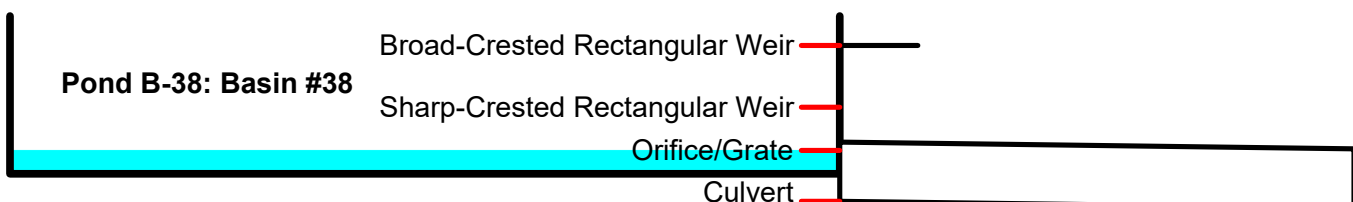
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	27,741 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	5,096	0	0
206.00	5,966	5,531	5,531
207.00	6,893	6,430	11,961
208.00	7,876	7,385	19,345
209.00	8,916	8,396	27,741

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.59'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.69'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	208.25'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

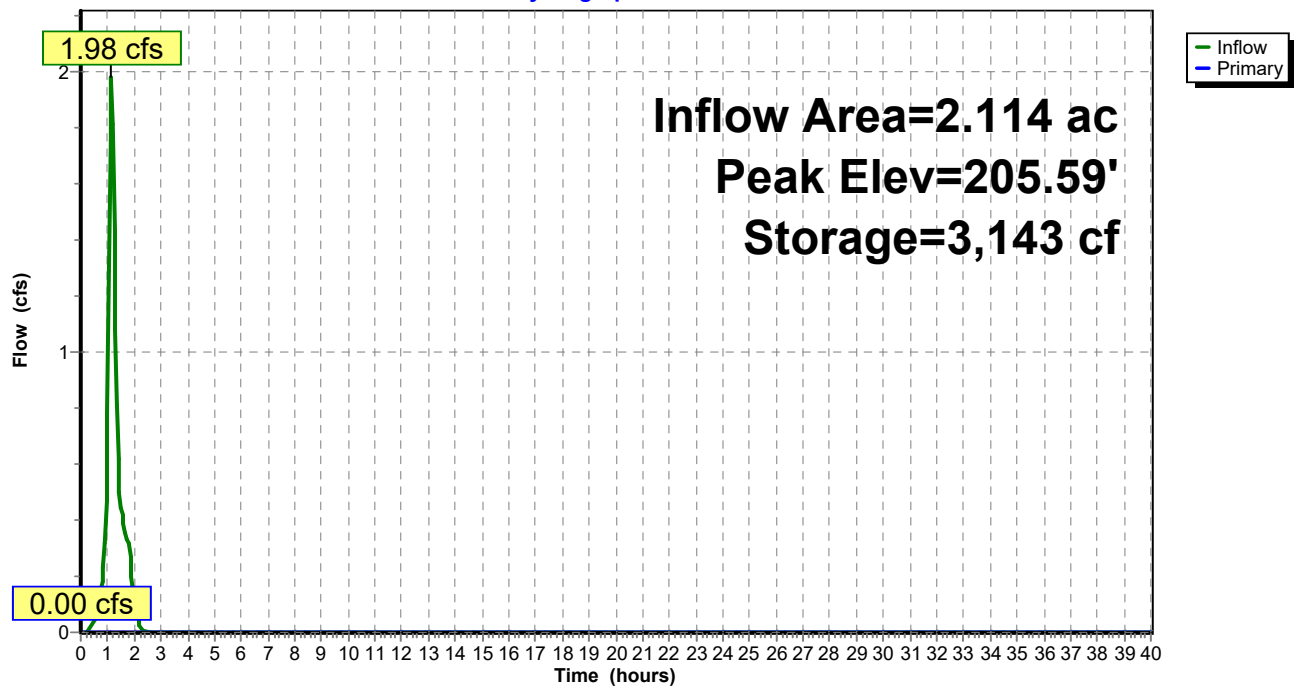
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=205.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 1.70 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.03	6	205.00	0.00
0.60	0.08	25	205.00	0.00
0.70	0.13	63	205.01	0.00
0.80	0.18	119	205.02	0.00
0.90	0.32	205	205.04	0.00
1.00	0.78	388	205.08	0.00
1.10	1.76	849	205.16	0.00
1.20	1.82	1,527	205.29	0.00
1.30	1.08	2,046	205.39	0.00
1.40	0.62	2,346	205.44	0.00
1.50	0.45	2,532	205.48	0.00
1.60	0.39	2,682	205.50	0.00
1.70	0.33	2,811	205.53	0.00
1.80	0.31	2,927	205.55	0.00
1.90	0.20	3,021	205.57	0.00
2.00	0.13	3,079	205.58	0.00
2.10	0.09	3,119	205.58	0.00
2.20	0.02	3,138	205.59	0.00
2.30	0.01	3,142	205.59	0.00
2.40	0.00	3,143	205.59	0.00
2.50	0.00	3,143	205.59	0.00
2.60	0.00	3,143	205.59	0.00
2.70	0.00	3,143	205.59	0.00
2.80	0.00	3,143	205.59	0.00
2.90	0.00	3,143	205.59	0.00
3.00	0.00	3,143	205.59	0.00
3.10	0.00	3,143	205.59	0.00
3.20	0.00	3,143	205.59	0.00
3.30	0.00	3,143	205.59	0.00
3.40	0.00	3,143	205.59	0.00
3.50	0.00	3,143	205.59	0.00
3.60	0.00	3,143	205.59	0.00
3.70	0.00	3,143	205.59	0.00
3.80	0.00	3,143	205.59	0.00
3.90	0.00	3,143	205.59	0.00
4.00	0.00	3,143	205.59	0.00
4.10	0.00	3,143	205.59	0.00
4.20	0.00	3,143	205.59	0.00
4.30	0.00	3,143	205.59	0.00
4.40	0.00	3,143	205.59	0.00
4.50	0.00	3,143	205.59	0.00
4.60	0.00	3,143	205.59	0.00
4.70	0.00	3,143	205.59	0.00
4.80	0.00	3,143	205.59	0.00
4.90	0.00	3,143	205.59	0.00
5.00	0.00	3,143	205.59	0.00
5.10	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,143	205.59	0.00
5.30	0.00	3,143	205.59	0.00
5.40	0.00	3,143	205.59	0.00
5.50	0.00	3,143	205.59	0.00
5.60	0.00	3,143	205.59	0.00
5.70	0.00	3,143	205.59	0.00
5.80	0.00	3,143	205.59	0.00
5.90	0.00	3,143	205.59	0.00
6.00	0.00	3,143	205.59	0.00
6.10	0.00	3,143	205.59	0.00
6.20	0.00	3,143	205.59	0.00
6.30	0.00	3,143	205.59	0.00
6.40	0.00	3,143	205.59	0.00
6.50	0.00	3,143	205.59	0.00
6.60	0.00	3,143	205.59	0.00
6.70	0.00	3,143	205.59	0.00
6.80	0.00	3,143	205.59	0.00
6.90	0.00	3,143	205.59	0.00
7.00	0.00	3,143	205.59	0.00
7.10	0.00	3,143	205.59	0.00
7.20	0.00	3,143	205.59	0.00
7.30	0.00	3,143	205.59	0.00
7.40	0.00	3,143	205.59	0.00
7.50	0.00	3,143	205.59	0.00
7.60	0.00	3,143	205.59	0.00
7.70	0.00	3,143	205.59	0.00
7.80	0.00	3,143	205.59	0.00
7.90	0.00	3,143	205.59	0.00
8.00	0.00	3,143	205.59	0.00
8.10	0.00	3,143	205.59	0.00
8.20	0.00	3,143	205.59	0.00
8.30	0.00	3,143	205.59	0.00
8.40	0.00	3,143	205.59	0.00
8.50	0.00	3,143	205.59	0.00
8.60	0.00	3,143	205.59	0.00
8.70	0.00	3,143	205.59	0.00
8.80	0.00	3,143	205.59	0.00
8.90	0.00	3,143	205.59	0.00
9.00	0.00	3,143	205.59	0.00
9.10	0.00	3,143	205.59	0.00
9.20	0.00	3,143	205.59	0.00
9.30	0.00	3,143	205.59	0.00
9.40	0.00	3,143	205.59	0.00
9.50	0.00	3,143	205.59	0.00
9.60	0.00	3,143	205.59	0.00
9.70	0.00	3,143	205.59	0.00
9.80	0.00	3,143	205.59	0.00
9.90	0.00	3,143	205.59	0.00
10.00	0.00	3,143	205.59	0.00
10.10	0.00	3,143	205.59	0.00
10.20	0.00	3,143	205.59	0.00
10.30	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,143	205.59	0.00
10.50	0.00	3,143	205.59	0.00
10.60	0.00	3,143	205.59	0.00
10.70	0.00	3,143	205.59	0.00
10.80	0.00	3,143	205.59	0.00
10.90	0.00	3,143	205.59	0.00
11.00	0.00	3,143	205.59	0.00
11.10	0.00	3,143	205.59	0.00
11.20	0.00	3,143	205.59	0.00
11.30	0.00	3,143	205.59	0.00
11.40	0.00	3,143	205.59	0.00
11.50	0.00	3,143	205.59	0.00
11.60	0.00	3,143	205.59	0.00
11.70	0.00	3,143	205.59	0.00
11.80	0.00	3,143	205.59	0.00
11.90	0.00	3,143	205.59	0.00
12.00	0.00	3,143	205.59	0.00
12.10	0.00	3,143	205.59	0.00
12.20	0.00	3,143	205.59	0.00
12.30	0.00	3,143	205.59	0.00
12.40	0.00	3,143	205.59	0.00
12.50	0.00	3,143	205.59	0.00
12.60	0.00	3,143	205.59	0.00
12.70	0.00	3,143	205.59	0.00
12.80	0.00	3,143	205.59	0.00
12.90	0.00	3,143	205.59	0.00
13.00	0.00	3,143	205.59	0.00
13.10	0.00	3,143	205.59	0.00
13.20	0.00	3,143	205.59	0.00
13.30	0.00	3,143	205.59	0.00
13.40	0.00	3,143	205.59	0.00
13.50	0.00	3,143	205.59	0.00
13.60	0.00	3,143	205.59	0.00
13.70	0.00	3,143	205.59	0.00
13.80	0.00	3,143	205.59	0.00
13.90	0.00	3,143	205.59	0.00
14.00	0.00	3,143	205.59	0.00
14.10	0.00	3,143	205.59	0.00
14.20	0.00	3,143	205.59	0.00
14.30	0.00	3,143	205.59	0.00
14.40	0.00	3,143	205.59	0.00
14.50	0.00	3,143	205.59	0.00
14.60	0.00	3,143	205.59	0.00
14.70	0.00	3,143	205.59	0.00
14.80	0.00	3,143	205.59	0.00
14.90	0.00	3,143	205.59	0.00
15.00	0.00	3,143	205.59	0.00
15.10	0.00	3,143	205.59	0.00
15.20	0.00	3,143	205.59	0.00
15.30	0.00	3,143	205.59	0.00
15.40	0.00	3,143	205.59	0.00
15.50	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,143	205.59	0.00
15.70	0.00	3,143	205.59	0.00
15.80	0.00	3,143	205.59	0.00
15.90	0.00	3,143	205.59	0.00
16.00	0.00	3,143	205.59	0.00
16.10	0.00	3,143	205.59	0.00
16.20	0.00	3,143	205.59	0.00
16.30	0.00	3,143	205.59	0.00
16.40	0.00	3,143	205.59	0.00
16.50	0.00	3,143	205.59	0.00
16.60	0.00	3,143	205.59	0.00
16.70	0.00	3,143	205.59	0.00
16.80	0.00	3,143	205.59	0.00
16.90	0.00	3,143	205.59	0.00
17.00	0.00	3,143	205.59	0.00
17.10	0.00	3,143	205.59	0.00
17.20	0.00	3,143	205.59	0.00
17.30	0.00	3,143	205.59	0.00
17.40	0.00	3,143	205.59	0.00
17.50	0.00	3,143	205.59	0.00
17.60	0.00	3,143	205.59	0.00
17.70	0.00	3,143	205.59	0.00
17.80	0.00	3,143	205.59	0.00
17.90	0.00	3,143	205.59	0.00
18.00	0.00	3,143	205.59	0.00
18.10	0.00	3,143	205.59	0.00
18.20	0.00	3,143	205.59	0.00
18.30	0.00	3,143	205.59	0.00
18.40	0.00	3,143	205.59	0.00
18.50	0.00	3,143	205.59	0.00
18.60	0.00	3,143	205.59	0.00
18.70	0.00	3,143	205.59	0.00
18.80	0.00	3,143	205.59	0.00
18.90	0.00	3,143	205.59	0.00
19.00	0.00	3,143	205.59	0.00
19.10	0.00	3,143	205.59	0.00
19.20	0.00	3,143	205.59	0.00
19.30	0.00	3,143	205.59	0.00
19.40	0.00	3,143	205.59	0.00
19.50	0.00	3,143	205.59	0.00
19.60	0.00	3,143	205.59	0.00
19.70	0.00	3,143	205.59	0.00
19.80	0.00	3,143	205.59	0.00
19.90	0.00	3,143	205.59	0.00
20.00	0.00	3,143	205.59	0.00
20.10	0.00	3,143	205.59	0.00
20.20	0.00	3,143	205.59	0.00
20.30	0.00	3,143	205.59	0.00
20.40	0.00	3,143	205.59	0.00
20.50	0.00	3,143	205.59	0.00
20.60	0.00	3,143	205.59	0.00
20.70	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,143	205.59	0.00
20.90	0.00	3,143	205.59	0.00
21.00	0.00	3,143	205.59	0.00
21.10	0.00	3,143	205.59	0.00
21.20	0.00	3,143	205.59	0.00
21.30	0.00	3,143	205.59	0.00
21.40	0.00	3,143	205.59	0.00
21.50	0.00	3,143	205.59	0.00
21.60	0.00	3,143	205.59	0.00
21.70	0.00	3,143	205.59	0.00
21.80	0.00	3,143	205.59	0.00
21.90	0.00	3,143	205.59	0.00
22.00	0.00	3,143	205.59	0.00
22.10	0.00	3,143	205.59	0.00
22.20	0.00	3,143	205.59	0.00
22.30	0.00	3,143	205.59	0.00
22.40	0.00	3,143	205.59	0.00
22.50	0.00	3,143	205.59	0.00
22.60	0.00	3,143	205.59	0.00
22.70	0.00	3,143	205.59	0.00
22.80	0.00	3,143	205.59	0.00
22.90	0.00	3,143	205.59	0.00
23.00	0.00	3,143	205.59	0.00
23.10	0.00	3,143	205.59	0.00
23.20	0.00	3,143	205.59	0.00
23.30	0.00	3,143	205.59	0.00
23.40	0.00	3,143	205.59	0.00
23.50	0.00	3,143	205.59	0.00
23.60	0.00	3,143	205.59	0.00
23.70	0.00	3,143	205.59	0.00
23.80	0.00	3,143	205.59	0.00
23.90	0.00	3,143	205.59	0.00
24.00	0.00	3,143	205.59	0.00
24.10	0.00	3,143	205.59	0.00
24.20	0.00	3,143	205.59	0.00
24.30	0.00	3,143	205.59	0.00
24.40	0.00	3,143	205.59	0.00
24.50	0.00	3,143	205.59	0.00
24.60	0.00	3,143	205.59	0.00
24.70	0.00	3,143	205.59	0.00
24.80	0.00	3,143	205.59	0.00
24.90	0.00	3,143	205.59	0.00
25.00	0.00	3,143	205.59	0.00
25.10	0.00	3,143	205.59	0.00
25.20	0.00	3,143	205.59	0.00
25.30	0.00	3,143	205.59	0.00
25.40	0.00	3,143	205.59	0.00
25.50	0.00	3,143	205.59	0.00
25.60	0.00	3,143	205.59	0.00
25.70	0.00	3,143	205.59	0.00
25.80	0.00	3,143	205.59	0.00
25.90	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,143	205.59	0.00
26.10	0.00	3,143	205.59	0.00
26.20	0.00	3,143	205.59	0.00
26.30	0.00	3,143	205.59	0.00
26.40	0.00	3,143	205.59	0.00
26.50	0.00	3,143	205.59	0.00
26.60	0.00	3,143	205.59	0.00
26.70	0.00	3,143	205.59	0.00
26.80	0.00	3,143	205.59	0.00
26.90	0.00	3,143	205.59	0.00
27.00	0.00	3,143	205.59	0.00
27.10	0.00	3,143	205.59	0.00
27.20	0.00	3,143	205.59	0.00
27.30	0.00	3,143	205.59	0.00
27.40	0.00	3,143	205.59	0.00
27.50	0.00	3,143	205.59	0.00
27.60	0.00	3,143	205.59	0.00
27.70	0.00	3,143	205.59	0.00
27.80	0.00	3,143	205.59	0.00
27.90	0.00	3,143	205.59	0.00
28.00	0.00	3,143	205.59	0.00
28.10	0.00	3,143	205.59	0.00
28.20	0.00	3,143	205.59	0.00
28.30	0.00	3,143	205.59	0.00
28.40	0.00	3,143	205.59	0.00
28.50	0.00	3,143	205.59	0.00
28.60	0.00	3,143	205.59	0.00
28.70	0.00	3,143	205.59	0.00
28.80	0.00	3,143	205.59	0.00
28.90	0.00	3,143	205.59	0.00
29.00	0.00	3,143	205.59	0.00
29.10	0.00	3,143	205.59	0.00
29.20	0.00	3,143	205.59	0.00
29.30	0.00	3,143	205.59	0.00
29.40	0.00	3,143	205.59	0.00
29.50	0.00	3,143	205.59	0.00
29.60	0.00	3,143	205.59	0.00
29.70	0.00	3,143	205.59	0.00
29.80	0.00	3,143	205.59	0.00
29.90	0.00	3,143	205.59	0.00
30.00	0.00	3,143	205.59	0.00
30.10	0.00	3,143	205.59	0.00
30.20	0.00	3,143	205.59	0.00
30.30	0.00	3,143	205.59	0.00
30.40	0.00	3,143	205.59	0.00
30.50	0.00	3,143	205.59	0.00
30.60	0.00	3,143	205.59	0.00
30.70	0.00	3,143	205.59	0.00
30.80	0.00	3,143	205.59	0.00
30.90	0.00	3,143	205.59	0.00
31.00	0.00	3,143	205.59	0.00
31.10	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,143	205.59	0.00
31.30	0.00	3,143	205.59	0.00
31.40	0.00	3,143	205.59	0.00
31.50	0.00	3,143	205.59	0.00
31.60	0.00	3,143	205.59	0.00
31.70	0.00	3,143	205.59	0.00
31.80	0.00	3,143	205.59	0.00
31.90	0.00	3,143	205.59	0.00
32.00	0.00	3,143	205.59	0.00
32.10	0.00	3,143	205.59	0.00
32.20	0.00	3,143	205.59	0.00
32.30	0.00	3,143	205.59	0.00
32.40	0.00	3,143	205.59	0.00
32.50	0.00	3,143	205.59	0.00
32.60	0.00	3,143	205.59	0.00
32.70	0.00	3,143	205.59	0.00
32.80	0.00	3,143	205.59	0.00
32.90	0.00	3,143	205.59	0.00
33.00	0.00	3,143	205.59	0.00
33.10	0.00	3,143	205.59	0.00
33.20	0.00	3,143	205.59	0.00
33.30	0.00	3,143	205.59	0.00
33.40	0.00	3,143	205.59	0.00
33.50	0.00	3,143	205.59	0.00
33.60	0.00	3,143	205.59	0.00
33.70	0.00	3,143	205.59	0.00
33.80	0.00	3,143	205.59	0.00
33.90	0.00	3,143	205.59	0.00
34.00	0.00	3,143	205.59	0.00
34.10	0.00	3,143	205.59	0.00
34.20	0.00	3,143	205.59	0.00
34.30	0.00	3,143	205.59	0.00
34.40	0.00	3,143	205.59	0.00
34.50	0.00	3,143	205.59	0.00
34.60	0.00	3,143	205.59	0.00
34.70	0.00	3,143	205.59	0.00
34.80	0.00	3,143	205.59	0.00
34.90	0.00	3,143	205.59	0.00
35.00	0.00	3,143	205.59	0.00
35.10	0.00	3,143	205.59	0.00
35.20	0.00	3,143	205.59	0.00
35.30	0.00	3,143	205.59	0.00
35.40	0.00	3,143	205.59	0.00
35.50	0.00	3,143	205.59	0.00
35.60	0.00	3,143	205.59	0.00
35.70	0.00	3,143	205.59	0.00
35.80	0.00	3,143	205.59	0.00
35.90	0.00	3,143	205.59	0.00
36.00	0.00	3,143	205.59	0.00
36.10	0.00	3,143	205.59	0.00
36.20	0.00	3,143	205.59	0.00
36.30	0.00	3,143	205.59	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,143	205.59	0.00
36.50	0.00	3,143	205.59	0.00
36.60	0.00	3,143	205.59	0.00
36.70	0.00	3,143	205.59	0.00
36.80	0.00	3,143	205.59	0.00
36.90	0.00	3,143	205.59	0.00
37.00	0.00	3,143	205.59	0.00
37.10	0.00	3,143	205.59	0.00
37.20	0.00	3,143	205.59	0.00
37.30	0.00	3,143	205.59	0.00
37.40	0.00	3,143	205.59	0.00
37.50	0.00	3,143	205.59	0.00
37.60	0.00	3,143	205.59	0.00
37.70	0.00	3,143	205.59	0.00
37.80	0.00	3,143	205.59	0.00
37.90	0.00	3,143	205.59	0.00
38.00	0.00	3,143	205.59	0.00
38.10	0.00	3,143	205.59	0.00
38.20	0.00	3,143	205.59	0.00
38.30	0.00	3,143	205.59	0.00
38.40	0.00	3,143	205.59	0.00
38.50	0.00	3,143	205.59	0.00
38.60	0.00	3,143	205.59	0.00
38.70	0.00	3,143	205.59	0.00
38.80	0.00	3,143	205.59	0.00
38.90	0.00	3,143	205.59	0.00
39.00	0.00	3,143	205.59	0.00
39.10	0.00	3,143	205.59	0.00
39.20	0.00	3,143	205.59	0.00
39.30	0.00	3,143	205.59	0.00
39.40	0.00	3,143	205.59	0.00
39.50	0.00	3,143	205.59	0.00
39.60	0.00	3,143	205.59	0.00
39.70	0.00	3,143	205.59	0.00
39.80	0.00	3,143	205.59	0.00
39.90	0.00	3,143	205.59	0.00
40.00	0.00	3,143	205.59	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.00	206.04	0.10	206.56	0.15
205.01	0.00	205.53	0.00	206.05	0.10	206.57	0.15
205.02	0.00	205.54	0.00	206.06	0.10	206.58	0.15
205.03	0.00	205.55	0.00	206.07	0.10	206.59	0.16
205.04	0.00	205.56	0.00	206.08	0.10	206.60	0.16
205.05	0.00	205.57	0.00	206.09	0.10	206.61	0.16
205.06	0.00	205.58	0.00	206.10	0.10	206.62	0.16
205.07	0.00	205.59	0.00	206.11	0.11	206.63	0.16
205.08	0.00	205.60	0.00	206.12	0.11	206.64	0.16
205.09	0.00	205.61	0.00	206.13	0.11	206.65	0.16
205.10	0.00	205.62	0.00	206.14	0.11	206.66	0.16
205.11	0.00	205.63	0.00	206.15	0.11	206.67	0.16
205.12	0.00	205.64	0.00	206.16	0.11	206.68	0.16
205.13	0.00	205.65	0.01	206.17	0.11	206.69	0.16
205.14	0.00	205.66	0.01	206.18	0.11	206.70	0.18
205.15	0.00	205.67	0.01	206.19	0.12	206.71	0.20
205.16	0.00	205.68	0.01	206.20	0.12	206.72	0.23
205.17	0.00	205.69	0.02	206.21	0.12	206.73	0.27
205.18	0.00	205.70	0.02	206.22	0.12	206.74	0.31
205.19	0.00	205.71	0.02	206.23	0.12	206.75	0.36
205.20	0.00	205.72	0.03	206.24	0.12	206.76	0.41
205.21	0.00	205.73	0.03	206.25	0.12	206.77	0.47
205.22	0.00	205.74	0.03	206.26	0.12	206.78	0.52
205.23	0.00	205.75	0.04	206.27	0.12	206.79	0.58
205.24	0.00	205.76	0.04	206.28	0.13	206.80	0.65
205.25	0.00	205.77	0.05	206.29	0.13	206.81	0.71
205.26	0.00	205.78	0.05	206.30	0.13	206.82	0.78
205.27	0.00	205.79	0.05	206.31	0.13	206.83	0.86
205.28	0.00	205.80	0.05	206.32	0.13	206.84	0.93
205.29	0.00	205.81	0.06	206.33	0.13	206.85	1.01
205.30	0.00	205.82	0.06	206.34	0.13	206.86	1.09
205.31	0.00	205.83	0.06	206.35	0.13	206.87	1.17
205.32	0.00	205.84	0.06	206.36	0.13	206.88	1.25
205.33	0.00	205.85	0.06	206.37	0.13	206.89	1.34
205.34	0.00	205.86	0.07	206.38	0.14	206.90	1.43
205.35	0.00	205.87	0.07	206.39	0.14	206.91	1.52
205.36	0.00	205.88	0.07	206.40	0.14	206.92	1.61
205.37	0.00	205.89	0.07	206.41	0.14	206.93	1.70
205.38	0.00	205.90	0.07	206.42	0.14	206.94	1.80
205.39	0.00	205.91	0.08	206.43	0.14	206.95	1.90
205.40	0.00	205.92	0.08	206.44	0.14	206.96	1.99
205.41	0.00	205.93	0.08	206.45	0.14	206.97	2.10
205.42	0.00	205.94	0.08	206.46	0.14	206.98	2.20
205.43	0.00	205.95	0.08	206.47	0.14	206.99	2.30
205.44	0.00	205.96	0.08	206.48	0.15	207.00	2.41
205.45	0.00	205.97	0.09	206.49	0.15	207.01	2.52
205.46	0.00	205.98	0.09	206.50	0.15	207.02	2.63
205.47	0.00	205.99	0.09	206.51	0.15	207.03	2.74
205.48	0.00	206.00	0.09	206.52	0.15	207.04	2.85
205.49	0.00	206.01	0.09	206.53	0.15	207.05	2.97
205.50	0.00	206.02	0.09	206.54	0.15	207.06	3.08
205.51	0.00	206.03	0.10	206.55	0.15	207.07	3.20

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	11.06	208.12	14.91	208.64	47.04
207.09	3.44	207.61	11.24	208.13	14.93	208.65	48.37
207.10	3.56	207.62	11.41	208.14	14.96	208.66	49.76
207.11	3.68	207.63	11.59	208.15	14.98	208.67	51.18
207.12	3.80	207.64	11.77	208.16	15.01	208.68	52.62
207.13	3.93	207.65	11.94	208.17	15.03	208.69	54.08
207.14	4.06	207.66	12.12	208.18	15.05	208.70	55.58
207.15	4.18	207.67	12.30	208.19	15.08	208.71	57.09
207.16	4.31	207.68	12.48	208.20	15.10	208.72	58.64
207.17	4.44	207.69	12.66	208.21	15.13	208.73	60.21
207.18	4.58	207.70	12.84	208.22	15.15	208.74	61.81
207.19	4.71	207.71	13.02	208.23	15.17	208.75	63.43
207.20	4.84	207.72	13.20	208.24	15.20	208.76	65.08
207.21	4.98	207.73	13.39	208.25	15.22	208.77	66.76
207.22	5.12	207.74	13.57	208.26	15.36	208.78	68.46
207.23	5.25	207.75	13.75	208.27	15.60	208.79	70.19
207.24	5.39	207.76	13.94	208.28	15.90	208.80	71.95
207.25	5.53	207.77	14.03	208.29	16.25	208.81	73.73
207.26	5.67	207.78	14.06	208.30	16.65	208.82	75.54
207.27	5.82	207.79	14.08	208.31	17.09	208.83	77.38
207.28	5.96	207.80	14.11	208.32	17.56	208.84	79.24
207.29	6.10	207.81	14.14	208.33	18.07	208.85	81.14
207.30	6.25	207.82	14.16	208.34	18.61	208.86	82.78
207.31	6.40	207.83	14.19	208.35	19.17	208.87	84.45
207.32	6.54	207.84	14.21	208.36	19.77	208.88	86.12
207.33	6.69	207.85	14.24	208.37	20.40	208.89	87.81
207.34	6.84	207.86	14.26	208.38	21.05	208.90	89.51
207.35	6.99	207.87	14.29	208.39	21.72	208.91	91.23
207.36	7.14	207.88	14.31	208.40	22.42	208.92	92.96
207.37	7.30	207.89	14.34	208.41	23.14	208.93	94.70
207.38	7.45	207.90	14.36	208.42	23.89	208.94	96.45
207.39	7.61	207.91	14.39	208.43	24.66	208.95	98.22
207.40	7.76	207.92	14.41	208.44	25.44	208.96	100.00
207.41	7.92	207.93	14.44	208.45	26.25	208.97	101.79
207.42	8.08	207.94	14.46	208.46	27.12	208.98	103.60
207.43	8.23	207.95	14.49	208.47	28.02	208.99	105.42
207.44	8.39	207.96	14.51	208.48	28.94	209.00	107.25
207.45	8.55	207.97	14.54	208.49	29.89		
207.46	8.72	207.98	14.56	208.50	30.86		
207.47	8.88	207.99	14.59	208.51	31.85		
207.48	9.04	208.00	14.61	208.52	32.88		
207.49	9.20	208.01	14.64	208.53	33.92		
207.50	9.37	208.02	14.66	208.54	34.99		
207.51	9.54	208.03	14.69	208.55	36.09		
207.52	9.70	208.04	14.71	208.56	37.21		
207.53	9.87	208.05	14.74	208.57	38.35		
207.54	10.04	208.06	14.76	208.58	39.52		
207.55	10.21	208.07	14.79	208.59	40.71		
207.56	10.38	208.08	14.81	208.60	41.93		
207.57	10.55	208.09	14.84	208.61	43.17		
207.58	10.72	208.10	14.86	208.62	44.43		
207.59	10.89	208.11	14.88	208.63	45.72		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	5,096	0	205.52	5,548	2,768
205.01	5,105	51	205.53	5,557	2,823
205.02	5,113	102	205.54	5,566	2,879
205.03	5,122	153	205.55	5,575	2,934
205.04	5,131	205	205.56	5,583	2,990
205.05	5,140	256	205.57	5,592	3,046
205.06	5,148	307	205.58	5,601	3,102
205.07	5,157	359	205.59	5,609	3,158
205.08	5,166	410	205.60	5,618	3,214
205.09	5,174	462	205.61	5,627	3,270
205.10	5,183	514	205.62	5,635	3,327
205.11	5,192	566	205.63	5,644	3,383
205.12	5,200	618	205.64	5,653	3,440
205.13	5,209	670	205.65	5,662	3,496
205.14	5,218	722	205.66	5,670	3,553
205.15	5,227	774	205.67	5,679	3,610
205.16	5,235	826	205.68	5,688	3,666
205.17	5,244	879	205.69	5,696	3,723
205.18	5,253	931	205.70	5,705	3,780
205.19	5,261	984	205.71	5,714	3,837
205.20	5,270	1,037	205.72	5,722	3,895
205.21	5,279	1,089	205.73	5,731	3,952
205.22	5,287	1,142	205.74	5,740	4,009
205.23	5,296	1,195	205.75	5,749	4,067
205.24	5,305	1,248	205.76	5,757	4,124
205.25	5,314	1,301	205.77	5,766	4,182
205.26	5,322	1,354	205.78	5,775	4,240
205.27	5,331	1,408	205.79	5,783	4,297
205.28	5,340	1,461	205.80	5,792	4,355
205.29	5,348	1,514	205.81	5,801	4,413
205.30	5,357	1,568	205.82	5,809	4,471
205.31	5,366	1,622	205.83	5,818	4,529
205.32	5,374	1,675	205.84	5,827	4,588
205.33	5,383	1,729	205.85	5,835	4,646
205.34	5,392	1,783	205.86	5,844	4,704
205.35	5,400	1,837	205.87	5,853	4,763
205.36	5,409	1,891	205.88	5,862	4,821
205.37	5,418	1,945	205.89	5,870	4,880
205.38	5,427	1,999	205.90	5,879	4,939
205.39	5,435	2,054	205.91	5,888	4,998
205.40	5,444	2,108	205.92	5,896	5,057
205.41	5,453	2,162	205.93	5,905	5,116
205.42	5,461	2,217	205.94	5,914	5,175
205.43	5,470	2,272	205.95	5,922	5,234
205.44	5,479	2,326	205.96	5,931	5,293
205.45	5,487	2,381	205.97	5,940	5,352
205.46	5,496	2,436	205.98	5,949	5,412
205.47	5,505	2,491	205.99	5,957	5,471
205.48	5,514	2,546	206.00	5,966	5,531
205.49	5,522	2,601	206.01	5,975	5,591
205.50	5,531	2,657	206.02	5,985	5,651
205.51	5,540	2,712	206.03	5,994	5,710

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	6,003	5,770	206.56	6,485	9,017
206.05	6,012	5,830	206.57	6,494	9,082
206.06	6,022	5,891	206.58	6,504	9,147
206.07	6,031	5,951	206.59	6,513	9,212
206.08	6,040	6,011	206.60	6,522	9,277
206.09	6,049	6,072	206.61	6,531	9,343
206.10	6,059	6,132	206.62	6,541	9,408
206.11	6,068	6,193	206.63	6,550	9,474
206.12	6,077	6,254	206.64	6,559	9,539
206.13	6,087	6,314	206.65	6,569	9,605
206.14	6,096	6,375	206.66	6,578	9,670
206.15	6,105	6,436	206.67	6,587	9,736
206.16	6,114	6,497	206.68	6,596	9,802
206.17	6,124	6,559	206.69	6,606	9,868
206.18	6,133	6,620	206.70	6,615	9,934
206.19	6,142	6,681	206.71	6,624	10,001
206.20	6,151	6,743	206.72	6,633	10,067
206.21	6,161	6,804	206.73	6,643	10,133
206.22	6,170	6,866	206.74	6,652	10,200
206.23	6,179	6,928	206.75	6,661	10,266
206.24	6,188	6,990	206.76	6,671	10,333
206.25	6,198	7,051	206.77	6,680	10,400
206.26	6,207	7,113	206.78	6,689	10,466
206.27	6,216	7,176	206.79	6,698	10,533
206.28	6,226	7,238	206.80	6,708	10,600
206.29	6,235	7,300	206.81	6,717	10,668
206.30	6,244	7,363	206.82	6,726	10,735
206.31	6,253	7,425	206.83	6,735	10,802
206.32	6,263	7,488	206.84	6,745	10,869
206.33	6,272	7,550	206.85	6,754	10,937
206.34	6,281	7,613	206.86	6,763	11,005
206.35	6,290	7,676	206.87	6,772	11,072
206.36	6,300	7,739	206.88	6,782	11,140
206.37	6,309	7,802	206.89	6,791	11,208
206.38	6,318	7,865	206.90	6,800	11,276
206.39	6,328	7,928	206.91	6,810	11,344
206.40	6,337	7,992	206.92	6,819	11,412
206.41	6,346	8,055	206.93	6,828	11,480
206.42	6,355	8,118	206.94	6,837	11,549
206.43	6,365	8,182	206.95	6,847	11,617
206.44	6,374	8,246	206.96	6,856	11,686
206.45	6,383	8,310	206.97	6,865	11,754
206.46	6,392	8,373	206.98	6,874	11,823
206.47	6,402	8,437	206.99	6,884	11,892
206.48	6,411	8,501	207.00	6,893	11,961
206.49	6,420	8,566	207.01	6,903	12,029
206.50	6,430	8,630	207.02	6,913	12,099
206.51	6,439	8,694	207.03	6,922	12,168
206.52	6,448	8,759	207.04	6,932	12,237
206.53	6,457	8,823	207.05	6,942	12,306
206.54	6,467	8,888	207.06	6,952	12,376
206.55	6,476	8,953	207.07	6,962	12,445

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	6,972	12,515	207.60	7,483	16,273
207.09	6,981	12,585	207.61	7,493	16,348
207.10	6,991	12,655	207.62	7,502	16,423
207.11	7,001	12,725	207.63	7,512	16,498
207.12	7,011	12,795	207.64	7,522	16,573
207.13	7,021	12,865	207.65	7,532	16,649
207.14	7,031	12,935	207.66	7,542	16,724
207.15	7,040	13,006	207.67	7,552	16,799
207.16	7,050	13,076	207.68	7,561	16,875
207.17	7,060	13,147	207.69	7,571	16,951
207.18	7,070	13,217	207.70	7,581	17,026
207.19	7,080	13,288	207.71	7,591	17,102
207.20	7,090	13,359	207.72	7,601	17,178
207.21	7,099	13,430	207.73	7,611	17,254
207.22	7,109	13,501	207.74	7,620	17,330
207.23	7,119	13,572	207.75	7,630	17,407
207.24	7,129	13,643	207.76	7,640	17,483
207.25	7,139	13,714	207.77	7,650	17,560
207.26	7,149	13,786	207.78	7,660	17,636
207.27	7,158	13,857	207.79	7,670	17,713
207.28	7,168	13,929	207.80	7,679	17,789
207.29	7,178	14,001	207.81	7,689	17,866
207.30	7,188	14,073	207.82	7,699	17,943
207.31	7,198	14,145	207.83	7,709	18,020
207.32	7,208	14,217	207.84	7,719	18,097
207.33	7,217	14,289	207.85	7,729	18,175
207.34	7,227	14,361	207.86	7,738	18,252
207.35	7,237	14,433	207.87	7,748	18,329
207.36	7,247	14,506	207.88	7,758	18,407
207.37	7,257	14,578	207.89	7,768	18,485
207.38	7,267	14,651	207.90	7,778	18,562
207.39	7,276	14,724	207.91	7,788	18,640
207.40	7,286	14,796	207.92	7,797	18,718
207.41	7,296	14,869	207.93	7,807	18,796
207.42	7,306	14,942	207.94	7,817	18,874
207.43	7,316	15,015	207.95	7,827	18,952
207.44	7,326	15,089	207.96	7,837	19,031
207.45	7,335	15,162	207.97	7,847	19,109
207.46	7,345	15,235	207.98	7,856	19,188
207.47	7,355	15,309	207.99	7,866	19,266
207.48	7,365	15,382	208.00	7,876	19,345
207.49	7,375	15,456	208.01	7,886	19,424
207.50	7,385	15,530	208.02	7,897	19,503
207.51	7,394	15,604	208.03	7,907	19,582
207.52	7,404	15,678	208.04	7,918	19,661
207.53	7,414	15,752	208.05	7,928	19,740
207.54	7,424	15,826	208.06	7,938	19,819
207.55	7,434	15,900	208.07	7,949	19,899
207.56	7,443	15,975	208.08	7,959	19,978
207.57	7,453	16,049	208.09	7,970	20,058
207.58	7,463	16,124	208.10	7,980	20,138
207.59	7,473	16,198	208.11	7,990	20,218

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	8,001	20,298	208.64	8,542	24,599
208.13	8,011	20,378	208.65	8,552	24,684
208.14	8,022	20,458	208.66	8,562	24,770
208.15	8,032	20,538	208.67	8,573	24,855
208.16	8,042	20,618	208.68	8,583	24,941
208.17	8,053	20,699	208.69	8,594	25,027
208.18	8,063	20,780	208.70	8,604	25,113
208.19	8,074	20,860	208.71	8,614	25,199
208.20	8,084	20,941	208.72	8,625	25,285
208.21	8,094	21,022	208.73	8,635	25,372
208.22	8,105	21,103	208.74	8,646	25,458
208.23	8,115	21,184	208.75	8,656	25,545
208.24	8,126	21,265	208.76	8,666	25,631
208.25	8,136	21,347	208.77	8,677	25,718
208.26	8,146	21,428	208.78	8,687	25,805
208.27	8,157	21,509	208.79	8,698	25,892
208.28	8,167	21,591	208.80	8,708	25,979
208.29	8,178	21,673	208.81	8,718	26,066
208.30	8,188	21,755	208.82	8,729	26,153
208.31	8,198	21,837	208.83	8,739	26,240
208.32	8,209	21,919	208.84	8,750	26,328
208.33	8,219	22,001	208.85	8,760	26,415
208.34	8,230	22,083	208.86	8,770	26,503
208.35	8,240	22,165	208.87	8,781	26,591
208.36	8,250	22,248	208.88	8,791	26,679
208.37	8,261	22,330	208.89	8,802	26,767
208.38	8,271	22,413	208.90	8,812	26,855
208.39	8,282	22,496	208.91	8,822	26,943
208.40	8,292	22,579	208.92	8,833	27,031
208.41	8,302	22,662	208.93	8,843	27,119
208.42	8,313	22,745	208.94	8,854	27,208
208.43	8,323	22,828	208.95	8,864	27,296
208.44	8,334	22,911	208.96	8,874	27,385
208.45	8,344	22,994	208.97	8,885	27,474
208.46	8,354	23,078	208.98	8,895	27,563
208.47	8,365	23,162	208.99	8,906	27,652
208.48	8,375	23,245	209.00	8,916	27,741
208.49	8,386	23,329			
208.50	8,396	23,413			
208.51	8,406	23,497			
208.52	8,417	23,581			
208.53	8,427	23,665			
208.54	8,438	23,750			
208.55	8,448	23,834			
208.56	8,458	23,919			
208.57	8,469	24,003			
208.58	8,479	24,088			
208.59	8,490	24,173			
208.60	8,500	24,258			
208.61	8,510	24,343			
208.62	8,521	24,428			
208.63	8,531	24,513			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 0.47" for WQ Storm event
 Inflow = 2.08 cfs @ 1.15 hrs, Volume= 0.074 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.02' @ 2.60 hrs Surf.Area= 3,418 sf Storage= 3,235 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

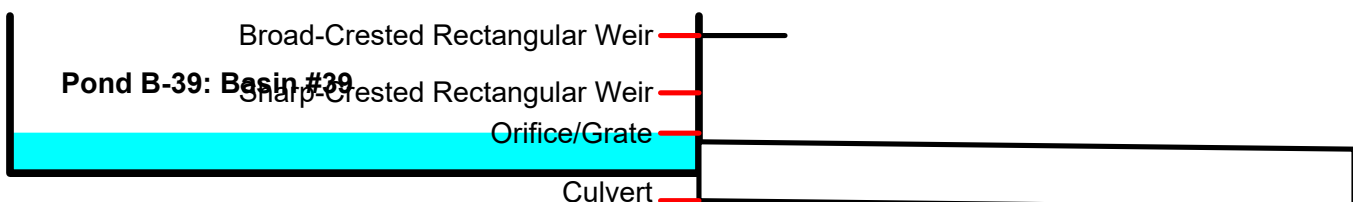
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	15,753 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	2,928	0	0
202.00	3,408	3,168	3,168
203.00	3,917	3,663	6,831
204.00	4,454	4,186	11,016
205.00	5,019	4,737	15,753

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.02'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.04'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

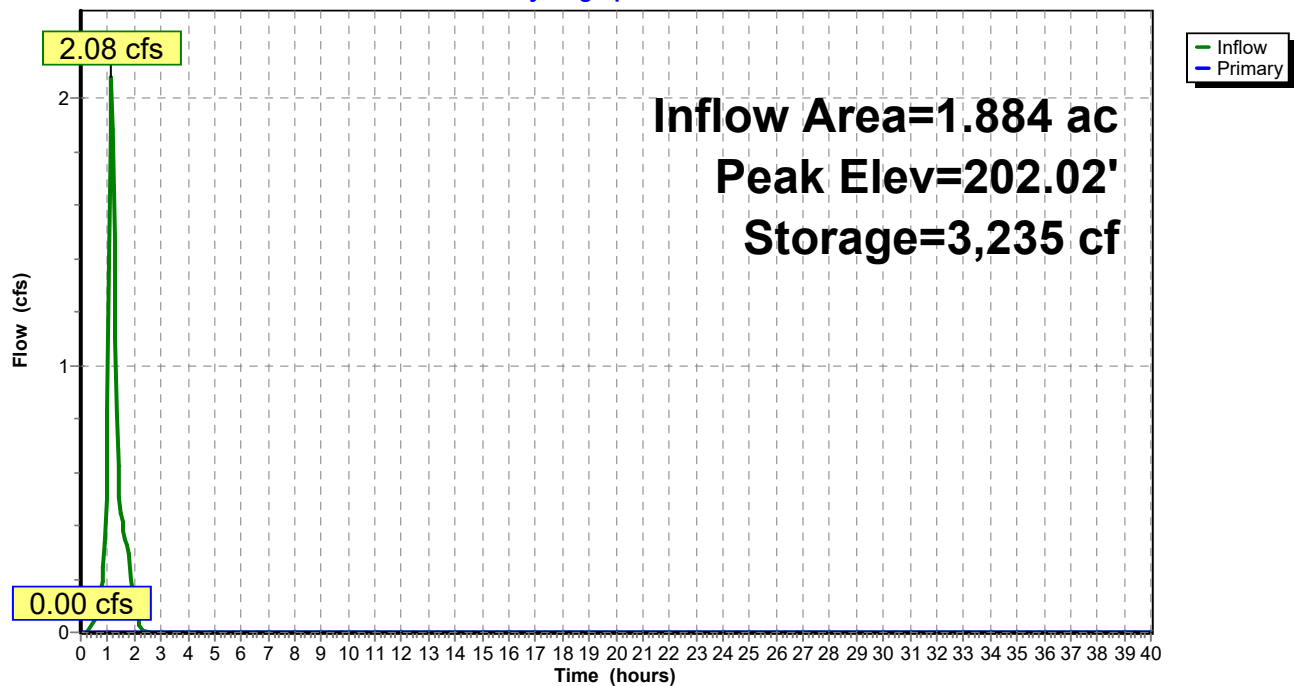
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=201.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 1.70 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.03	6	201.00	0.00
0.60	0.08	27	201.01	0.00
0.70	0.14	67	201.02	0.00
0.80	0.19	126	201.04	0.00
0.90	0.34	217	201.07	0.00
1.00	0.83	411	201.14	0.00
1.10	1.86	899	201.30	0.00
1.20	1.89	1,610	201.53	0.00
1.30	1.10	2,144	201.69	0.00
1.40	0.62	2,447	201.79	0.00
1.50	0.44	2,634	201.84	0.00
1.60	0.38	2,783	201.89	0.00
1.70	0.33	2,909	201.92	0.00
1.80	0.31	3,023	201.96	0.00
1.90	0.20	3,116	201.98	0.00
2.00	0.13	3,172	202.00	0.00
2.10	0.09	3,211	202.01	0.00
2.20	0.02	3,230	202.02	0.00
2.30	0.01	3,234	202.02	0.00
2.40	0.00	3,235	202.02	0.00
2.50	0.00	3,235	202.02	0.00
2.60	0.00	3,235	202.02	0.00
2.70	0.00	3,235	202.02	0.00
2.80	0.00	3,235	202.02	0.00
2.90	0.00	3,235	202.02	0.00
3.00	0.00	3,235	202.02	0.00
3.10	0.00	3,235	202.02	0.00
3.20	0.00	3,235	202.02	0.00
3.30	0.00	3,235	202.02	0.00
3.40	0.00	3,235	202.02	0.00
3.50	0.00	3,235	202.02	0.00
3.60	0.00	3,235	202.02	0.00
3.70	0.00	3,235	202.02	0.00
3.80	0.00	3,235	202.02	0.00
3.90	0.00	3,235	202.02	0.00
4.00	0.00	3,235	202.02	0.00
4.10	0.00	3,235	202.02	0.00
4.20	0.00	3,235	202.02	0.00
4.30	0.00	3,235	202.02	0.00
4.40	0.00	3,235	202.02	0.00
4.50	0.00	3,235	202.02	0.00
4.60	0.00	3,235	202.02	0.00
4.70	0.00	3,235	202.02	0.00
4.80	0.00	3,235	202.02	0.00
4.90	0.00	3,235	202.02	0.00
5.00	0.00	3,235	202.02	0.00
5.10	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,235	202.02	0.00
5.30	0.00	3,235	202.02	0.00
5.40	0.00	3,235	202.02	0.00
5.50	0.00	3,235	202.02	0.00
5.60	0.00	3,235	202.02	0.00
5.70	0.00	3,235	202.02	0.00
5.80	0.00	3,235	202.02	0.00
5.90	0.00	3,235	202.02	0.00
6.00	0.00	3,235	202.02	0.00
6.10	0.00	3,235	202.02	0.00
6.20	0.00	3,235	202.02	0.00
6.30	0.00	3,235	202.02	0.00
6.40	0.00	3,235	202.02	0.00
6.50	0.00	3,235	202.02	0.00
6.60	0.00	3,235	202.02	0.00
6.70	0.00	3,235	202.02	0.00
6.80	0.00	3,235	202.02	0.00
6.90	0.00	3,235	202.02	0.00
7.00	0.00	3,235	202.02	0.00
7.10	0.00	3,235	202.02	0.00
7.20	0.00	3,235	202.02	0.00
7.30	0.00	3,235	202.02	0.00
7.40	0.00	3,235	202.02	0.00
7.50	0.00	3,235	202.02	0.00
7.60	0.00	3,235	202.02	0.00
7.70	0.00	3,235	202.02	0.00
7.80	0.00	3,235	202.02	0.00
7.90	0.00	3,235	202.02	0.00
8.00	0.00	3,235	202.02	0.00
8.10	0.00	3,235	202.02	0.00
8.20	0.00	3,235	202.02	0.00
8.30	0.00	3,235	202.02	0.00
8.40	0.00	3,235	202.02	0.00
8.50	0.00	3,235	202.02	0.00
8.60	0.00	3,235	202.02	0.00
8.70	0.00	3,235	202.02	0.00
8.80	0.00	3,235	202.02	0.00
8.90	0.00	3,235	202.02	0.00
9.00	0.00	3,235	202.02	0.00
9.10	0.00	3,235	202.02	0.00
9.20	0.00	3,235	202.02	0.00
9.30	0.00	3,235	202.02	0.00
9.40	0.00	3,235	202.02	0.00
9.50	0.00	3,235	202.02	0.00
9.60	0.00	3,235	202.02	0.00
9.70	0.00	3,235	202.02	0.00
9.80	0.00	3,235	202.02	0.00
9.90	0.00	3,235	202.02	0.00
10.00	0.00	3,235	202.02	0.00
10.10	0.00	3,235	202.02	0.00
10.20	0.00	3,235	202.02	0.00
10.30	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,235	202.02	0.00
10.50	0.00	3,235	202.02	0.00
10.60	0.00	3,235	202.02	0.00
10.70	0.00	3,235	202.02	0.00
10.80	0.00	3,235	202.02	0.00
10.90	0.00	3,235	202.02	0.00
11.00	0.00	3,235	202.02	0.00
11.10	0.00	3,235	202.02	0.00
11.20	0.00	3,235	202.02	0.00
11.30	0.00	3,235	202.02	0.00
11.40	0.00	3,235	202.02	0.00
11.50	0.00	3,235	202.02	0.00
11.60	0.00	3,235	202.02	0.00
11.70	0.00	3,235	202.02	0.00
11.80	0.00	3,235	202.02	0.00
11.90	0.00	3,235	202.02	0.00
12.00	0.00	3,235	202.02	0.00
12.10	0.00	3,235	202.02	0.00
12.20	0.00	3,235	202.02	0.00
12.30	0.00	3,235	202.02	0.00
12.40	0.00	3,235	202.02	0.00
12.50	0.00	3,235	202.02	0.00
12.60	0.00	3,235	202.02	0.00
12.70	0.00	3,235	202.02	0.00
12.80	0.00	3,235	202.02	0.00
12.90	0.00	3,235	202.02	0.00
13.00	0.00	3,235	202.02	0.00
13.10	0.00	3,235	202.02	0.00
13.20	0.00	3,235	202.02	0.00
13.30	0.00	3,235	202.02	0.00
13.40	0.00	3,235	202.02	0.00
13.50	0.00	3,235	202.02	0.00
13.60	0.00	3,235	202.02	0.00
13.70	0.00	3,235	202.02	0.00
13.80	0.00	3,235	202.02	0.00
13.90	0.00	3,235	202.02	0.00
14.00	0.00	3,235	202.02	0.00
14.10	0.00	3,235	202.02	0.00
14.20	0.00	3,235	202.02	0.00
14.30	0.00	3,235	202.02	0.00
14.40	0.00	3,235	202.02	0.00
14.50	0.00	3,235	202.02	0.00
14.60	0.00	3,235	202.02	0.00
14.70	0.00	3,235	202.02	0.00
14.80	0.00	3,235	202.02	0.00
14.90	0.00	3,235	202.02	0.00
15.00	0.00	3,235	202.02	0.00
15.10	0.00	3,235	202.02	0.00
15.20	0.00	3,235	202.02	0.00
15.30	0.00	3,235	202.02	0.00
15.40	0.00	3,235	202.02	0.00
15.50	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,235	202.02	0.00
15.70	0.00	3,235	202.02	0.00
15.80	0.00	3,235	202.02	0.00
15.90	0.00	3,235	202.02	0.00
16.00	0.00	3,235	202.02	0.00
16.10	0.00	3,235	202.02	0.00
16.20	0.00	3,235	202.02	0.00
16.30	0.00	3,235	202.02	0.00
16.40	0.00	3,235	202.02	0.00
16.50	0.00	3,235	202.02	0.00
16.60	0.00	3,235	202.02	0.00
16.70	0.00	3,235	202.02	0.00
16.80	0.00	3,235	202.02	0.00
16.90	0.00	3,235	202.02	0.00
17.00	0.00	3,235	202.02	0.00
17.10	0.00	3,235	202.02	0.00
17.20	0.00	3,235	202.02	0.00
17.30	0.00	3,235	202.02	0.00
17.40	0.00	3,235	202.02	0.00
17.50	0.00	3,235	202.02	0.00
17.60	0.00	3,235	202.02	0.00
17.70	0.00	3,235	202.02	0.00
17.80	0.00	3,235	202.02	0.00
17.90	0.00	3,235	202.02	0.00
18.00	0.00	3,235	202.02	0.00
18.10	0.00	3,235	202.02	0.00
18.20	0.00	3,235	202.02	0.00
18.30	0.00	3,235	202.02	0.00
18.40	0.00	3,235	202.02	0.00
18.50	0.00	3,235	202.02	0.00
18.60	0.00	3,235	202.02	0.00
18.70	0.00	3,235	202.02	0.00
18.80	0.00	3,235	202.02	0.00
18.90	0.00	3,235	202.02	0.00
19.00	0.00	3,235	202.02	0.00
19.10	0.00	3,235	202.02	0.00
19.20	0.00	3,235	202.02	0.00
19.30	0.00	3,235	202.02	0.00
19.40	0.00	3,235	202.02	0.00
19.50	0.00	3,235	202.02	0.00
19.60	0.00	3,235	202.02	0.00
19.70	0.00	3,235	202.02	0.00
19.80	0.00	3,235	202.02	0.00
19.90	0.00	3,235	202.02	0.00
20.00	0.00	3,235	202.02	0.00
20.10	0.00	3,235	202.02	0.00
20.20	0.00	3,235	202.02	0.00
20.30	0.00	3,235	202.02	0.00
20.40	0.00	3,235	202.02	0.00
20.50	0.00	3,235	202.02	0.00
20.60	0.00	3,235	202.02	0.00
20.70	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,235	202.02	0.00
20.90	0.00	3,235	202.02	0.00
21.00	0.00	3,235	202.02	0.00
21.10	0.00	3,235	202.02	0.00
21.20	0.00	3,235	202.02	0.00
21.30	0.00	3,235	202.02	0.00
21.40	0.00	3,235	202.02	0.00
21.50	0.00	3,235	202.02	0.00
21.60	0.00	3,235	202.02	0.00
21.70	0.00	3,235	202.02	0.00
21.80	0.00	3,235	202.02	0.00
21.90	0.00	3,235	202.02	0.00
22.00	0.00	3,235	202.02	0.00
22.10	0.00	3,235	202.02	0.00
22.20	0.00	3,235	202.02	0.00
22.30	0.00	3,235	202.02	0.00
22.40	0.00	3,235	202.02	0.00
22.50	0.00	3,235	202.02	0.00
22.60	0.00	3,235	202.02	0.00
22.70	0.00	3,235	202.02	0.00
22.80	0.00	3,235	202.02	0.00
22.90	0.00	3,235	202.02	0.00
23.00	0.00	3,235	202.02	0.00
23.10	0.00	3,235	202.02	0.00
23.20	0.00	3,235	202.02	0.00
23.30	0.00	3,235	202.02	0.00
23.40	0.00	3,235	202.02	0.00
23.50	0.00	3,235	202.02	0.00
23.60	0.00	3,235	202.02	0.00
23.70	0.00	3,235	202.02	0.00
23.80	0.00	3,235	202.02	0.00
23.90	0.00	3,235	202.02	0.00
24.00	0.00	3,235	202.02	0.00
24.10	0.00	3,235	202.02	0.00
24.20	0.00	3,235	202.02	0.00
24.30	0.00	3,235	202.02	0.00
24.40	0.00	3,235	202.02	0.00
24.50	0.00	3,235	202.02	0.00
24.60	0.00	3,235	202.02	0.00
24.70	0.00	3,235	202.02	0.00
24.80	0.00	3,235	202.02	0.00
24.90	0.00	3,235	202.02	0.00
25.00	0.00	3,235	202.02	0.00
25.10	0.00	3,235	202.02	0.00
25.20	0.00	3,235	202.02	0.00
25.30	0.00	3,235	202.02	0.00
25.40	0.00	3,235	202.02	0.00
25.50	0.00	3,235	202.02	0.00
25.60	0.00	3,235	202.02	0.00
25.70	0.00	3,235	202.02	0.00
25.80	0.00	3,235	202.02	0.00
25.90	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,235	202.02	0.00
26.10	0.00	3,235	202.02	0.00
26.20	0.00	3,235	202.02	0.00
26.30	0.00	3,235	202.02	0.00
26.40	0.00	3,235	202.02	0.00
26.50	0.00	3,235	202.02	0.00
26.60	0.00	3,235	202.02	0.00
26.70	0.00	3,235	202.02	0.00
26.80	0.00	3,235	202.02	0.00
26.90	0.00	3,235	202.02	0.00
27.00	0.00	3,235	202.02	0.00
27.10	0.00	3,235	202.02	0.00
27.20	0.00	3,235	202.02	0.00
27.30	0.00	3,235	202.02	0.00
27.40	0.00	3,235	202.02	0.00
27.50	0.00	3,235	202.02	0.00
27.60	0.00	3,235	202.02	0.00
27.70	0.00	3,235	202.02	0.00
27.80	0.00	3,235	202.02	0.00
27.90	0.00	3,235	202.02	0.00
28.00	0.00	3,235	202.02	0.00
28.10	0.00	3,235	202.02	0.00
28.20	0.00	3,235	202.02	0.00
28.30	0.00	3,235	202.02	0.00
28.40	0.00	3,235	202.02	0.00
28.50	0.00	3,235	202.02	0.00
28.60	0.00	3,235	202.02	0.00
28.70	0.00	3,235	202.02	0.00
28.80	0.00	3,235	202.02	0.00
28.90	0.00	3,235	202.02	0.00
29.00	0.00	3,235	202.02	0.00
29.10	0.00	3,235	202.02	0.00
29.20	0.00	3,235	202.02	0.00
29.30	0.00	3,235	202.02	0.00
29.40	0.00	3,235	202.02	0.00
29.50	0.00	3,235	202.02	0.00
29.60	0.00	3,235	202.02	0.00
29.70	0.00	3,235	202.02	0.00
29.80	0.00	3,235	202.02	0.00
29.90	0.00	3,235	202.02	0.00
30.00	0.00	3,235	202.02	0.00
30.10	0.00	3,235	202.02	0.00
30.20	0.00	3,235	202.02	0.00
30.30	0.00	3,235	202.02	0.00
30.40	0.00	3,235	202.02	0.00
30.50	0.00	3,235	202.02	0.00
30.60	0.00	3,235	202.02	0.00
30.70	0.00	3,235	202.02	0.00
30.80	0.00	3,235	202.02	0.00
30.90	0.00	3,235	202.02	0.00
31.00	0.00	3,235	202.02	0.00
31.10	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,235	202.02	0.00
31.30	0.00	3,235	202.02	0.00
31.40	0.00	3,235	202.02	0.00
31.50	0.00	3,235	202.02	0.00
31.60	0.00	3,235	202.02	0.00
31.70	0.00	3,235	202.02	0.00
31.80	0.00	3,235	202.02	0.00
31.90	0.00	3,235	202.02	0.00
32.00	0.00	3,235	202.02	0.00
32.10	0.00	3,235	202.02	0.00
32.20	0.00	3,235	202.02	0.00
32.30	0.00	3,235	202.02	0.00
32.40	0.00	3,235	202.02	0.00
32.50	0.00	3,235	202.02	0.00
32.60	0.00	3,235	202.02	0.00
32.70	0.00	3,235	202.02	0.00
32.80	0.00	3,235	202.02	0.00
32.90	0.00	3,235	202.02	0.00
33.00	0.00	3,235	202.02	0.00
33.10	0.00	3,235	202.02	0.00
33.20	0.00	3,235	202.02	0.00
33.30	0.00	3,235	202.02	0.00
33.40	0.00	3,235	202.02	0.00
33.50	0.00	3,235	202.02	0.00
33.60	0.00	3,235	202.02	0.00
33.70	0.00	3,235	202.02	0.00
33.80	0.00	3,235	202.02	0.00
33.90	0.00	3,235	202.02	0.00
34.00	0.00	3,235	202.02	0.00
34.10	0.00	3,235	202.02	0.00
34.20	0.00	3,235	202.02	0.00
34.30	0.00	3,235	202.02	0.00
34.40	0.00	3,235	202.02	0.00
34.50	0.00	3,235	202.02	0.00
34.60	0.00	3,235	202.02	0.00
34.70	0.00	3,235	202.02	0.00
34.80	0.00	3,235	202.02	0.00
34.90	0.00	3,235	202.02	0.00
35.00	0.00	3,235	202.02	0.00
35.10	0.00	3,235	202.02	0.00
35.20	0.00	3,235	202.02	0.00
35.30	0.00	3,235	202.02	0.00
35.40	0.00	3,235	202.02	0.00
35.50	0.00	3,235	202.02	0.00
35.60	0.00	3,235	202.02	0.00
35.70	0.00	3,235	202.02	0.00
35.80	0.00	3,235	202.02	0.00
35.90	0.00	3,235	202.02	0.00
36.00	0.00	3,235	202.02	0.00
36.10	0.00	3,235	202.02	0.00
36.20	0.00	3,235	202.02	0.00
36.30	0.00	3,235	202.02	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,235	202.02	0.00
36.50	0.00	3,235	202.02	0.00
36.60	0.00	3,235	202.02	0.00
36.70	0.00	3,235	202.02	0.00
36.80	0.00	3,235	202.02	0.00
36.90	0.00	3,235	202.02	0.00
37.00	0.00	3,235	202.02	0.00
37.10	0.00	3,235	202.02	0.00
37.20	0.00	3,235	202.02	0.00
37.30	0.00	3,235	202.02	0.00
37.40	0.00	3,235	202.02	0.00
37.50	0.00	3,235	202.02	0.00
37.60	0.00	3,235	202.02	0.00
37.70	0.00	3,235	202.02	0.00
37.80	0.00	3,235	202.02	0.00
37.90	0.00	3,235	202.02	0.00
38.00	0.00	3,235	202.02	0.00
38.10	0.00	3,235	202.02	0.00
38.20	0.00	3,235	202.02	0.00
38.30	0.00	3,235	202.02	0.00
38.40	0.00	3,235	202.02	0.00
38.50	0.00	3,235	202.02	0.00
38.60	0.00	3,235	202.02	0.00
38.70	0.00	3,235	202.02	0.00
38.80	0.00	3,235	202.02	0.00
38.90	0.00	3,235	202.02	0.00
39.00	0.00	3,235	202.02	0.00
39.10	0.00	3,235	202.02	0.00
39.20	0.00	3,235	202.02	0.00
39.30	0.00	3,235	202.02	0.00
39.40	0.00	3,235	202.02	0.00
39.50	0.00	3,235	202.02	0.00
39.60	0.00	3,235	202.02	0.00
39.70	0.00	3,235	202.02	0.00
39.80	0.00	3,235	202.02	0.00
39.90	0.00	3,235	202.02	0.00
40.00	0.00	3,235	202.02	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.00	202.04	0.00	202.56	0.51
201.01	0.00	201.53	0.00	202.05	0.00	202.57	0.52
201.02	0.00	201.54	0.00	202.06	0.01	202.58	0.53
201.03	0.00	201.55	0.00	202.07	0.01	202.59	0.53
201.04	0.00	201.56	0.00	202.08	0.01	202.60	0.54
201.05	0.00	201.57	0.00	202.09	0.02	202.61	0.55
201.06	0.00	201.58	0.00	202.10	0.02	202.62	0.56
201.07	0.00	201.59	0.00	202.11	0.02	202.63	0.57
201.08	0.00	201.60	0.00	202.12	0.03	202.64	0.58
201.09	0.00	201.61	0.00	202.13	0.04	202.65	0.58
201.10	0.00	201.62	0.00	202.14	0.04	202.66	0.59
201.11	0.00	201.63	0.00	202.15	0.05	202.67	0.60
201.12	0.00	201.64	0.00	202.16	0.06	202.68	0.61
201.13	0.00	201.65	0.00	202.17	0.07	202.69	0.61
201.14	0.00	201.66	0.00	202.18	0.07	202.70	0.62
201.15	0.00	201.67	0.00	202.19	0.08	202.71	0.63
201.16	0.00	201.68	0.00	202.20	0.09	202.72	0.63
201.17	0.00	201.69	0.00	202.21	0.10	202.73	0.64
201.18	0.00	201.70	0.00	202.22	0.11	202.74	0.65
201.19	0.00	201.71	0.00	202.23	0.12	202.75	0.66
201.20	0.00	201.72	0.00	202.24	0.13	202.76	0.66
201.21	0.00	201.73	0.00	202.25	0.14	202.77	0.67
201.22	0.00	201.74	0.00	202.26	0.16	202.78	0.68
201.23	0.00	201.75	0.00	202.27	0.17	202.79	0.68
201.24	0.00	201.76	0.00	202.28	0.18	202.80	0.69
201.25	0.00	201.77	0.00	202.29	0.19	202.81	0.69
201.26	0.00	201.78	0.00	202.30	0.20	202.82	0.70
201.27	0.00	201.79	0.00	202.31	0.22	202.83	0.71
201.28	0.00	201.80	0.00	202.32	0.23	202.84	0.71
201.29	0.00	201.81	0.00	202.33	0.24	202.85	0.72
201.30	0.00	201.82	0.00	202.34	0.26	202.86	0.73
201.31	0.00	201.83	0.00	202.35	0.27	202.87	0.73
201.32	0.00	201.84	0.00	202.36	0.28	202.88	0.74
201.33	0.00	201.85	0.00	202.37	0.30	202.89	0.74
201.34	0.00	201.86	0.00	202.38	0.31	202.90	0.75
201.35	0.00	201.87	0.00	202.39	0.32	202.91	0.76
201.36	0.00	201.88	0.00	202.40	0.34	202.92	0.76
201.37	0.00	201.89	0.00	202.41	0.35	202.93	0.77
201.38	0.00	201.90	0.00	202.42	0.36	202.94	0.77
201.39	0.00	201.91	0.00	202.43	0.38	202.95	0.78
201.40	0.00	201.92	0.00	202.44	0.39	202.96	0.79
201.41	0.00	201.93	0.00	202.45	0.40	202.97	0.79
201.42	0.00	201.94	0.00	202.46	0.41	202.98	0.80
201.43	0.00	201.95	0.00	202.47	0.43	202.99	0.80
201.44	0.00	201.96	0.00	202.48	0.44	203.00	0.81
201.45	0.00	201.97	0.00	202.49	0.45	203.01	0.81
201.46	0.00	201.98	0.00	202.50	0.46	203.02	0.82
201.47	0.00	201.99	0.00	202.51	0.47	203.03	0.82
201.48	0.00	202.00	0.00	202.52	0.47	203.04	0.83
201.49	0.00	202.01	0.00	202.53	0.48	203.05	0.85
201.50	0.00	202.02	0.00	202.54	0.49	203.06	0.88
201.51	0.00	202.03	0.00	202.55	0.50	203.07	0.91

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.96	203.60	6.42	204.12	14.91	204.64	22.29
203.09	1.00	203.61	6.56	204.13	14.93	204.65	22.99
203.10	1.05	203.62	6.71	204.14	14.96	204.66	23.71
203.11	1.11	203.63	6.86	204.15	14.98	204.67	24.46
203.12	1.17	203.64	7.00	204.16	15.01	204.68	25.22
203.13	1.23	203.65	7.15	204.17	15.03	204.69	26.01
203.14	1.29	203.66	7.30	204.18	15.05	204.70	26.82
203.15	1.36	203.67	7.45	204.19	15.08	204.71	27.69
203.16	1.43	203.68	7.61	204.20	15.10	204.72	28.58
203.17	1.51	203.69	7.76	204.21	15.13	204.73	29.50
203.18	1.58	203.70	7.91	204.22	15.15	204.74	30.45
203.19	1.66	203.71	8.07	204.23	15.17	204.75	31.42
203.20	1.74	203.72	8.22	204.24	15.20	204.76	32.42
203.21	1.83	203.73	8.38	204.25	15.22	204.77	33.44
203.22	1.91	203.74	8.54	204.26	15.24	204.78	34.48
203.23	2.00	203.75	8.70	204.27	15.27	204.79	35.55
203.24	2.09	203.76	8.86	204.28	15.29	204.80	36.65
203.25	2.18	203.77	9.02	204.29	15.32	204.81	37.76
203.26	2.28	203.78	9.18	204.30	15.34	204.82	38.91
203.27	2.37	203.79	9.34	204.31	15.36	204.83	40.08
203.28	2.47	203.80	9.51	204.32	15.39	204.84	41.27
203.29	2.57	203.81	9.67	204.33	15.41	204.85	42.48
203.30	2.67	203.82	9.84	204.34	15.43	204.86	43.72
203.31	2.77	203.83	10.00	204.35	15.46	204.87	44.99
203.32	2.88	203.84	10.17	204.36	15.48	204.88	46.28
203.33	2.99	203.85	10.34	204.37	15.50	204.89	47.59
203.34	3.09	203.86	10.51	204.38	15.53	204.90	48.93
203.35	3.21	203.87	10.68	204.39	15.55	204.91	50.31
203.36	3.32	203.88	10.85	204.40	15.57	204.92	51.73
203.37	3.43	203.89	11.02	204.41	15.60	204.93	53.17
203.38	3.55	203.90	11.19	204.42	15.62	204.94	54.63
203.39	3.66	203.91	11.36	204.43	15.64	204.95	56.12
203.40	3.78	203.92	11.54	204.44	15.67	204.96	57.64
203.41	3.90	203.93	11.71	204.45	15.69	204.97	59.19
203.42	4.02	203.94	11.89	204.46	15.71	204.98	60.76
203.43	4.14	203.95	12.06	204.47	15.74	204.99	62.35
203.44	4.27	203.96	12.24	204.48	15.76	205.00	63.98
203.45	4.39	203.97	12.42	204.49	15.78		
203.46	4.52	203.98	12.60	204.50	15.80		
203.47	4.64	203.99	12.78	204.51	15.94		
203.48	4.77	204.00	12.96	204.52	16.18		
203.49	4.90	204.01	13.14	204.53	16.48		
203.50	5.04	204.02	13.32	204.54	16.83		
203.51	5.17	204.03	13.50	204.55	17.23		
203.52	5.30	204.04	13.68	204.56	17.67		
203.53	5.44	204.05	13.87	204.57	18.14		
203.54	5.57	204.06	14.05	204.58	18.64		
203.55	5.71	204.07	14.24	204.59	19.18		
203.56	5.85	204.08	14.42	204.60	19.75		
203.57	5.99	204.09	14.61	204.61	20.35		
203.58	6.13	204.10	14.80	204.62	20.97		
203.59	6.27	204.11	14.88	204.63	21.62		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	2,928	0	201.52	3,178	1,587
201.01	2,933	29	201.53	3,182	1,619
201.02	2,938	59	201.54	3,187	1,651
201.03	2,942	88	201.55	3,192	1,683
201.04	2,947	118	201.56	3,197	1,715
201.05	2,952	147	201.57	3,202	1,747
201.06	2,957	177	201.58	3,206	1,779
201.07	2,962	206	201.59	3,211	1,811
201.08	2,966	236	201.60	3,216	1,843
201.09	2,971	265	201.61	3,221	1,875
201.10	2,976	295	201.62	3,226	1,908
201.11	2,981	325	201.63	3,230	1,940
201.12	2,986	355	201.64	3,235	1,972
201.13	2,990	385	201.65	3,240	2,005
201.14	2,995	415	201.66	3,245	2,037
201.15	3,000	445	201.67	3,250	2,069
201.16	3,005	475	201.68	3,254	2,102
201.17	3,010	505	201.69	3,259	2,135
201.18	3,014	535	201.70	3,264	2,167
201.19	3,019	565	201.71	3,269	2,200
201.20	3,024	595	201.72	3,274	2,233
201.21	3,029	625	201.73	3,278	2,265
201.22	3,034	656	201.74	3,283	2,298
201.23	3,038	686	201.75	3,288	2,331
201.24	3,043	717	201.76	3,293	2,364
201.25	3,048	747	201.77	3,298	2,397
201.26	3,053	778	201.78	3,302	2,430
201.27	3,058	808	201.79	3,307	2,463
201.28	3,062	839	201.80	3,312	2,496
201.29	3,067	869	201.81	3,317	2,529
201.30	3,072	900	201.82	3,322	2,562
201.31	3,077	931	201.83	3,326	2,596
201.32	3,082	962	201.84	3,331	2,629
201.33	3,086	992	201.85	3,336	2,662
201.34	3,091	1,023	201.86	3,341	2,696
201.35	3,096	1,054	201.87	3,346	2,729
201.36	3,101	1,085	201.88	3,350	2,762
201.37	3,106	1,116	201.89	3,355	2,796
201.38	3,110	1,147	201.90	3,360	2,830
201.39	3,115	1,178	201.91	3,365	2,863
201.40	3,120	1,210	201.92	3,370	2,897
201.41	3,125	1,241	201.93	3,374	2,931
201.42	3,130	1,272	201.94	3,379	2,964
201.43	3,134	1,303	201.95	3,384	2,998
201.44	3,139	1,335	201.96	3,389	3,032
201.45	3,144	1,366	201.97	3,394	3,066
201.46	3,149	1,398	201.98	3,398	3,100
201.47	3,154	1,429	201.99	3,403	3,134
201.48	3,158	1,461	202.00	3,408	3,168
201.49	3,163	1,492	202.01	3,413	3,202
201.50	3,168	1,524	202.02	3,418	3,236
201.51	3,173	1,556	202.03	3,423	3,270

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	3,428	3,305	202.56	3,693	5,156
202.05	3,433	3,339	202.57	3,698	5,193
202.06	3,439	3,373	202.58	3,703	5,230
202.07	3,444	3,408	202.59	3,708	5,267
202.08	3,449	3,442	202.60	3,713	5,304
202.09	3,454	3,477	202.61	3,718	5,342
202.10	3,459	3,511	202.62	3,724	5,379
202.11	3,464	3,546	202.63	3,729	5,416
202.12	3,469	3,581	202.64	3,734	5,453
202.13	3,474	3,615	202.65	3,739	5,491
202.14	3,479	3,650	202.66	3,744	5,528
202.15	3,484	3,685	202.67	3,749	5,566
202.16	3,489	3,720	202.68	3,754	5,603
202.17	3,495	3,755	202.69	3,759	5,641
202.18	3,500	3,790	202.70	3,764	5,678
202.19	3,505	3,825	202.71	3,769	5,716
202.20	3,510	3,860	202.72	3,774	5,754
202.21	3,515	3,895	202.73	3,780	5,791
202.22	3,520	3,930	202.74	3,785	5,829
202.23	3,525	3,965	202.75	3,790	5,867
202.24	3,530	4,001	202.76	3,795	5,905
202.25	3,535	4,036	202.77	3,800	5,943
202.26	3,540	4,071	202.78	3,805	5,981
202.27	3,545	4,107	202.79	3,810	6,019
202.28	3,551	4,142	202.80	3,815	6,057
202.29	3,556	4,178	202.81	3,820	6,095
202.30	3,561	4,213	202.82	3,825	6,134
202.31	3,566	4,249	202.83	3,830	6,172
202.32	3,571	4,285	202.84	3,836	6,210
202.33	3,576	4,320	202.85	3,841	6,249
202.34	3,581	4,356	202.86	3,846	6,287
202.35	3,586	4,392	202.87	3,851	6,326
202.36	3,591	4,428	202.88	3,856	6,364
202.37	3,596	4,464	202.89	3,861	6,403
202.38	3,601	4,500	202.90	3,866	6,441
202.39	3,607	4,536	202.91	3,871	6,480
202.40	3,612	4,572	202.92	3,876	6,519
202.41	3,617	4,608	202.93	3,881	6,558
202.42	3,622	4,644	202.94	3,886	6,596
202.43	3,627	4,680	202.95	3,892	6,635
202.44	3,632	4,717	202.96	3,897	6,674
202.45	3,637	4,753	202.97	3,902	6,713
202.46	3,642	4,790	202.98	3,907	6,752
202.47	3,647	4,826	202.99	3,912	6,791
202.48	3,652	4,862	203.00	3,917	6,831
202.49	3,657	4,899	203.01	3,922	6,870
202.50	3,663	4,936	203.02	3,928	6,909
202.51	3,668	4,972	203.03	3,933	6,948
202.52	3,673	5,009	203.04	3,938	6,988
202.53	3,678	5,046	203.05	3,944	7,027
202.54	3,683	5,083	203.06	3,949	7,066
202.55	3,688	5,119	203.07	3,955	7,106

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	3,960	7,146	203.60	4,239	9,277
203.09	3,965	7,185	203.61	4,245	9,320
203.10	3,971	7,225	203.62	4,250	9,362
203.11	3,976	7,265	203.63	4,255	9,405
203.12	3,981	7,304	203.64	4,261	9,447
203.13	3,987	7,344	203.65	4,266	9,490
203.14	3,992	7,384	203.66	4,271	9,533
203.15	3,998	7,424	203.67	4,277	9,575
203.16	4,003	7,464	203.68	4,282	9,618
203.17	4,008	7,504	203.69	4,288	9,661
203.18	4,014	7,544	203.70	4,293	9,704
203.19	4,019	7,584	203.71	4,298	9,747
203.20	4,024	7,625	203.72	4,304	9,790
203.21	4,030	7,665	203.73	4,309	9,833
203.22	4,035	7,705	203.74	4,314	9,876
203.23	4,041	7,746	203.75	4,320	9,919
203.24	4,046	7,786	203.76	4,325	9,963
203.25	4,051	7,827	203.77	4,330	10,006
203.26	4,057	7,867	203.78	4,336	10,049
203.27	4,062	7,908	203.79	4,341	10,093
203.28	4,067	7,948	203.80	4,347	10,136
203.29	4,073	7,989	203.81	4,352	10,179
203.30	4,078	8,030	203.82	4,357	10,223
203.31	4,083	8,071	203.83	4,363	10,267
203.32	4,089	8,111	203.84	4,368	10,310
203.33	4,094	8,152	203.85	4,373	10,354
203.34	4,100	8,193	203.86	4,379	10,398
203.35	4,105	8,234	203.87	4,384	10,442
203.36	4,110	8,275	203.88	4,390	10,485
203.37	4,116	8,317	203.89	4,395	10,529
203.38	4,121	8,358	203.90	4,400	10,573
203.39	4,126	8,399	203.91	4,406	10,617
203.40	4,132	8,440	203.92	4,411	10,661
203.41	4,137	8,482	203.93	4,416	10,706
203.42	4,143	8,523	203.94	4,422	10,750
203.43	4,148	8,564	203.95	4,427	10,794
203.44	4,153	8,606	203.96	4,433	10,838
203.45	4,159	8,648	203.97	4,438	10,883
203.46	4,164	8,689	203.98	4,443	10,927
203.47	4,169	8,731	203.99	4,449	10,971
203.48	4,175	8,773	204.00	4,454	11,016
203.49	4,180	8,814	204.01	4,460	11,061
203.50	4,186	8,856	204.02	4,465	11,105
203.51	4,191	8,898	204.03	4,471	11,150
203.52	4,196	8,940	204.04	4,477	11,195
203.53	4,202	8,982	204.05	4,482	11,239
203.54	4,207	9,024	204.06	4,488	11,284
203.55	4,212	9,066	204.07	4,494	11,329
203.56	4,218	9,108	204.08	4,499	11,374
203.57	4,223	9,150	204.09	4,505	11,419
203.58	4,228	9,193	204.10	4,510	11,464
203.59	4,234	9,235	204.11	4,516	11,509

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	4,522	11,555	204.64	4,816	13,982
204.13	4,527	11,600	204.65	4,821	14,030
204.14	4,533	11,645	204.66	4,827	14,079
204.15	4,539	11,690	204.67	4,833	14,127
204.16	4,544	11,736	204.68	4,838	14,175
204.17	4,550	11,781	204.69	4,844	14,224
204.18	4,556	11,827	204.70	4,849	14,272
204.19	4,561	11,872	204.71	4,855	14,321
204.20	4,567	11,918	204.72	4,861	14,369
204.21	4,573	11,964	204.73	4,866	14,418
204.22	4,578	12,010	204.74	4,872	14,467
204.23	4,584	12,055	204.75	4,878	14,515
204.24	4,590	12,101	204.76	4,883	14,564
204.25	4,595	12,147	204.77	4,889	14,613
204.26	4,601	12,193	204.78	4,895	14,662
204.27	4,607	12,239	204.79	4,900	14,711
204.28	4,612	12,285	204.80	4,906	14,760
204.29	4,618	12,331	204.81	4,912	14,809
204.30	4,624	12,378	204.82	4,917	14,858
204.31	4,629	12,424	204.83	4,923	14,907
204.32	4,635	12,470	204.84	4,929	14,957
204.33	4,640	12,517	204.85	4,934	15,006
204.34	4,646	12,563	204.86	4,940	15,055
204.35	4,652	12,610	204.87	4,946	15,105
204.36	4,657	12,656	204.88	4,951	15,154
204.37	4,663	12,703	204.89	4,957	15,204
204.38	4,669	12,749	204.90	4,963	15,253
204.39	4,674	12,796	204.91	4,968	15,303
204.40	4,680	12,843	204.92	4,974	15,353
204.41	4,686	12,890	204.93	4,979	15,403
204.42	4,691	12,937	204.94	4,985	15,452
204.43	4,697	12,983	204.95	4,991	15,502
204.44	4,703	13,030	204.96	4,996	15,552
204.45	4,708	13,078	204.97	5,002	15,602
204.46	4,714	13,125	204.98	5,008	15,652
204.47	4,720	13,172	204.99	5,013	15,702
204.48	4,725	13,219	205.00	5,019	15,753
204.49	4,731	13,266			
204.50	4,737	13,314			
204.51	4,742	13,361			
204.52	4,748	13,408			
204.53	4,753	13,456			
204.54	4,759	13,504			
204.55	4,765	13,551			
204.56	4,770	13,599			
204.57	4,776	13,647			
204.58	4,782	13,694			
204.59	4,787	13,742			
204.60	4,793	13,790			
204.61	4,799	13,838			
204.62	4,804	13,886			
204.63	4,810	13,934			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 0.53" for WQ Storm event
 Inflow = 2.35 cfs @ 1.15 hrs, Volume= 0.083 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.98' @ 2.60 hrs Surf.Area= 3,877 sf Storage= 3,613 cf

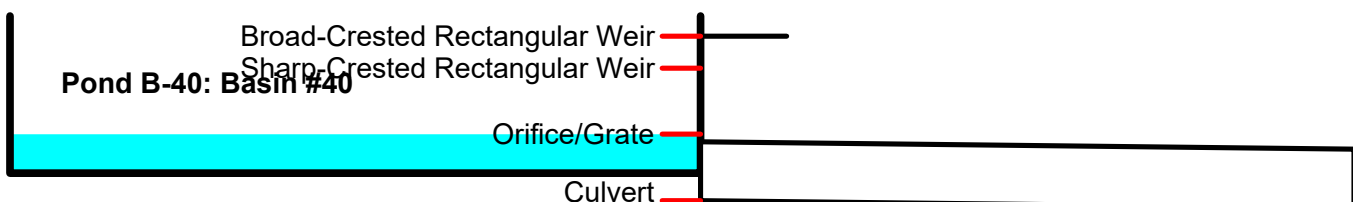
Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	17,107 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	3,521	0	0
203.00	3,886	3,704	3,704
204.00	4,266	4,076	7,780
205.00	4,660	4,463	12,243
206.00	5,069	4,865	17,107

Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.99'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.67'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.49'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

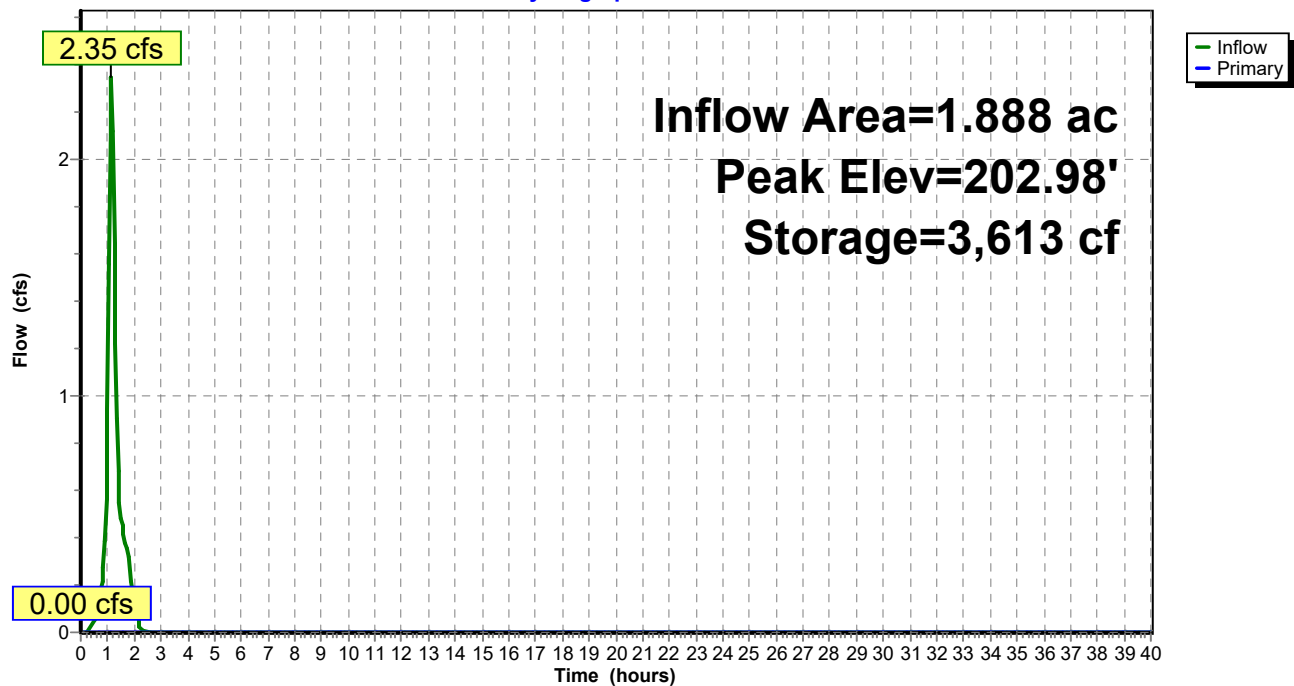
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=202.00' (Free Discharge)

- 1=Culvert (Passes 0.00 cfs of 1.70 cfs potential flow)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-40: Basin #40

Hydrograph



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.04	7	202.00	0.00
0.60	0.09	30	202.01	0.00
0.70	0.16	76	202.02	0.00
0.80	0.22	143	202.04	0.00
0.90	0.38	247	202.07	0.00
1.00	0.94	468	202.13	0.00
1.10	2.11	1,022	202.29	0.00
1.20	2.12	1,826	202.51	0.00
1.30	1.22	2,423	202.67	0.00
1.40	0.68	2,758	202.75	0.00
1.50	0.48	2,962	202.81	0.00
1.60	0.42	3,124	202.85	0.00
1.70	0.35	3,261	202.89	0.00
1.80	0.33	3,384	202.92	0.00
1.90	0.21	3,484	202.94	0.00
2.00	0.14	3,545	202.96	0.00
2.10	0.09	3,587	202.97	0.00
2.20	0.03	3,607	202.98	0.00
2.30	0.01	3,612	202.98	0.00
2.40	0.00	3,613	202.98	0.00
2.50	0.00	3,613	202.98	0.00
2.60	0.00	3,613	202.98	0.00
2.70	0.00	3,613	202.98	0.00
2.80	0.00	3,613	202.98	0.00
2.90	0.00	3,613	202.98	0.00
3.00	0.00	3,613	202.98	0.00
3.10	0.00	3,613	202.98	0.00
3.20	0.00	3,613	202.98	0.00
3.30	0.00	3,613	202.98	0.00
3.40	0.00	3,613	202.98	0.00
3.50	0.00	3,613	202.98	0.00
3.60	0.00	3,613	202.98	0.00
3.70	0.00	3,613	202.98	0.00
3.80	0.00	3,613	202.98	0.00
3.90	0.00	3,613	202.98	0.00
4.00	0.00	3,613	202.98	0.00
4.10	0.00	3,613	202.98	0.00
4.20	0.00	3,613	202.98	0.00
4.30	0.00	3,613	202.98	0.00
4.40	0.00	3,613	202.98	0.00
4.50	0.00	3,613	202.98	0.00
4.60	0.00	3,613	202.98	0.00
4.70	0.00	3,613	202.98	0.00
4.80	0.00	3,613	202.98	0.00
4.90	0.00	3,613	202.98	0.00
5.00	0.00	3,613	202.98	0.00
5.10	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,613	202.98	0.00
5.30	0.00	3,613	202.98	0.00
5.40	0.00	3,613	202.98	0.00
5.50	0.00	3,613	202.98	0.00
5.60	0.00	3,613	202.98	0.00
5.70	0.00	3,613	202.98	0.00
5.80	0.00	3,613	202.98	0.00
5.90	0.00	3,613	202.98	0.00
6.00	0.00	3,613	202.98	0.00
6.10	0.00	3,613	202.98	0.00
6.20	0.00	3,613	202.98	0.00
6.30	0.00	3,613	202.98	0.00
6.40	0.00	3,613	202.98	0.00
6.50	0.00	3,613	202.98	0.00
6.60	0.00	3,613	202.98	0.00
6.70	0.00	3,613	202.98	0.00
6.80	0.00	3,613	202.98	0.00
6.90	0.00	3,613	202.98	0.00
7.00	0.00	3,613	202.98	0.00
7.10	0.00	3,613	202.98	0.00
7.20	0.00	3,613	202.98	0.00
7.30	0.00	3,613	202.98	0.00
7.40	0.00	3,613	202.98	0.00
7.50	0.00	3,613	202.98	0.00
7.60	0.00	3,613	202.98	0.00
7.70	0.00	3,613	202.98	0.00
7.80	0.00	3,613	202.98	0.00
7.90	0.00	3,613	202.98	0.00
8.00	0.00	3,613	202.98	0.00
8.10	0.00	3,613	202.98	0.00
8.20	0.00	3,613	202.98	0.00
8.30	0.00	3,613	202.98	0.00
8.40	0.00	3,613	202.98	0.00
8.50	0.00	3,613	202.98	0.00
8.60	0.00	3,613	202.98	0.00
8.70	0.00	3,613	202.98	0.00
8.80	0.00	3,613	202.98	0.00
8.90	0.00	3,613	202.98	0.00
9.00	0.00	3,613	202.98	0.00
9.10	0.00	3,613	202.98	0.00
9.20	0.00	3,613	202.98	0.00
9.30	0.00	3,613	202.98	0.00
9.40	0.00	3,613	202.98	0.00
9.50	0.00	3,613	202.98	0.00
9.60	0.00	3,613	202.98	0.00
9.70	0.00	3,613	202.98	0.00
9.80	0.00	3,613	202.98	0.00
9.90	0.00	3,613	202.98	0.00
10.00	0.00	3,613	202.98	0.00
10.10	0.00	3,613	202.98	0.00
10.20	0.00	3,613	202.98	0.00
10.30	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,613	202.98	0.00
10.50	0.00	3,613	202.98	0.00
10.60	0.00	3,613	202.98	0.00
10.70	0.00	3,613	202.98	0.00
10.80	0.00	3,613	202.98	0.00
10.90	0.00	3,613	202.98	0.00
11.00	0.00	3,613	202.98	0.00
11.10	0.00	3,613	202.98	0.00
11.20	0.00	3,613	202.98	0.00
11.30	0.00	3,613	202.98	0.00
11.40	0.00	3,613	202.98	0.00
11.50	0.00	3,613	202.98	0.00
11.60	0.00	3,613	202.98	0.00
11.70	0.00	3,613	202.98	0.00
11.80	0.00	3,613	202.98	0.00
11.90	0.00	3,613	202.98	0.00
12.00	0.00	3,613	202.98	0.00
12.10	0.00	3,613	202.98	0.00
12.20	0.00	3,613	202.98	0.00
12.30	0.00	3,613	202.98	0.00
12.40	0.00	3,613	202.98	0.00
12.50	0.00	3,613	202.98	0.00
12.60	0.00	3,613	202.98	0.00
12.70	0.00	3,613	202.98	0.00
12.80	0.00	3,613	202.98	0.00
12.90	0.00	3,613	202.98	0.00
13.00	0.00	3,613	202.98	0.00
13.10	0.00	3,613	202.98	0.00
13.20	0.00	3,613	202.98	0.00
13.30	0.00	3,613	202.98	0.00
13.40	0.00	3,613	202.98	0.00
13.50	0.00	3,613	202.98	0.00
13.60	0.00	3,613	202.98	0.00
13.70	0.00	3,613	202.98	0.00
13.80	0.00	3,613	202.98	0.00
13.90	0.00	3,613	202.98	0.00
14.00	0.00	3,613	202.98	0.00
14.10	0.00	3,613	202.98	0.00
14.20	0.00	3,613	202.98	0.00
14.30	0.00	3,613	202.98	0.00
14.40	0.00	3,613	202.98	0.00
14.50	0.00	3,613	202.98	0.00
14.60	0.00	3,613	202.98	0.00
14.70	0.00	3,613	202.98	0.00
14.80	0.00	3,613	202.98	0.00
14.90	0.00	3,613	202.98	0.00
15.00	0.00	3,613	202.98	0.00
15.10	0.00	3,613	202.98	0.00
15.20	0.00	3,613	202.98	0.00
15.30	0.00	3,613	202.98	0.00
15.40	0.00	3,613	202.98	0.00
15.50	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,613	202.98	0.00
15.70	0.00	3,613	202.98	0.00
15.80	0.00	3,613	202.98	0.00
15.90	0.00	3,613	202.98	0.00
16.00	0.00	3,613	202.98	0.00
16.10	0.00	3,613	202.98	0.00
16.20	0.00	3,613	202.98	0.00
16.30	0.00	3,613	202.98	0.00
16.40	0.00	3,613	202.98	0.00
16.50	0.00	3,613	202.98	0.00
16.60	0.00	3,613	202.98	0.00
16.70	0.00	3,613	202.98	0.00
16.80	0.00	3,613	202.98	0.00
16.90	0.00	3,613	202.98	0.00
17.00	0.00	3,613	202.98	0.00
17.10	0.00	3,613	202.98	0.00
17.20	0.00	3,613	202.98	0.00
17.30	0.00	3,613	202.98	0.00
17.40	0.00	3,613	202.98	0.00
17.50	0.00	3,613	202.98	0.00
17.60	0.00	3,613	202.98	0.00
17.70	0.00	3,613	202.98	0.00
17.80	0.00	3,613	202.98	0.00
17.90	0.00	3,613	202.98	0.00
18.00	0.00	3,613	202.98	0.00
18.10	0.00	3,613	202.98	0.00
18.20	0.00	3,613	202.98	0.00
18.30	0.00	3,613	202.98	0.00
18.40	0.00	3,613	202.98	0.00
18.50	0.00	3,613	202.98	0.00
18.60	0.00	3,613	202.98	0.00
18.70	0.00	3,613	202.98	0.00
18.80	0.00	3,613	202.98	0.00
18.90	0.00	3,613	202.98	0.00
19.00	0.00	3,613	202.98	0.00
19.10	0.00	3,613	202.98	0.00
19.20	0.00	3,613	202.98	0.00
19.30	0.00	3,613	202.98	0.00
19.40	0.00	3,613	202.98	0.00
19.50	0.00	3,613	202.98	0.00
19.60	0.00	3,613	202.98	0.00
19.70	0.00	3,613	202.98	0.00
19.80	0.00	3,613	202.98	0.00
19.90	0.00	3,613	202.98	0.00
20.00	0.00	3,613	202.98	0.00
20.10	0.00	3,613	202.98	0.00
20.20	0.00	3,613	202.98	0.00
20.30	0.00	3,613	202.98	0.00
20.40	0.00	3,613	202.98	0.00
20.50	0.00	3,613	202.98	0.00
20.60	0.00	3,613	202.98	0.00
20.70	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,613	202.98	0.00
20.90	0.00	3,613	202.98	0.00
21.00	0.00	3,613	202.98	0.00
21.10	0.00	3,613	202.98	0.00
21.20	0.00	3,613	202.98	0.00
21.30	0.00	3,613	202.98	0.00
21.40	0.00	3,613	202.98	0.00
21.50	0.00	3,613	202.98	0.00
21.60	0.00	3,613	202.98	0.00
21.70	0.00	3,613	202.98	0.00
21.80	0.00	3,613	202.98	0.00
21.90	0.00	3,613	202.98	0.00
22.00	0.00	3,613	202.98	0.00
22.10	0.00	3,613	202.98	0.00
22.20	0.00	3,613	202.98	0.00
22.30	0.00	3,613	202.98	0.00
22.40	0.00	3,613	202.98	0.00
22.50	0.00	3,613	202.98	0.00
22.60	0.00	3,613	202.98	0.00
22.70	0.00	3,613	202.98	0.00
22.80	0.00	3,613	202.98	0.00
22.90	0.00	3,613	202.98	0.00
23.00	0.00	3,613	202.98	0.00
23.10	0.00	3,613	202.98	0.00
23.20	0.00	3,613	202.98	0.00
23.30	0.00	3,613	202.98	0.00
23.40	0.00	3,613	202.98	0.00
23.50	0.00	3,613	202.98	0.00
23.60	0.00	3,613	202.98	0.00
23.70	0.00	3,613	202.98	0.00
23.80	0.00	3,613	202.98	0.00
23.90	0.00	3,613	202.98	0.00
24.00	0.00	3,613	202.98	0.00
24.10	0.00	3,613	202.98	0.00
24.20	0.00	3,613	202.98	0.00
24.30	0.00	3,613	202.98	0.00
24.40	0.00	3,613	202.98	0.00
24.50	0.00	3,613	202.98	0.00
24.60	0.00	3,613	202.98	0.00
24.70	0.00	3,613	202.98	0.00
24.80	0.00	3,613	202.98	0.00
24.90	0.00	3,613	202.98	0.00
25.00	0.00	3,613	202.98	0.00
25.10	0.00	3,613	202.98	0.00
25.20	0.00	3,613	202.98	0.00
25.30	0.00	3,613	202.98	0.00
25.40	0.00	3,613	202.98	0.00
25.50	0.00	3,613	202.98	0.00
25.60	0.00	3,613	202.98	0.00
25.70	0.00	3,613	202.98	0.00
25.80	0.00	3,613	202.98	0.00
25.90	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,613	202.98	0.00
26.10	0.00	3,613	202.98	0.00
26.20	0.00	3,613	202.98	0.00
26.30	0.00	3,613	202.98	0.00
26.40	0.00	3,613	202.98	0.00
26.50	0.00	3,613	202.98	0.00
26.60	0.00	3,613	202.98	0.00
26.70	0.00	3,613	202.98	0.00
26.80	0.00	3,613	202.98	0.00
26.90	0.00	3,613	202.98	0.00
27.00	0.00	3,613	202.98	0.00
27.10	0.00	3,613	202.98	0.00
27.20	0.00	3,613	202.98	0.00
27.30	0.00	3,613	202.98	0.00
27.40	0.00	3,613	202.98	0.00
27.50	0.00	3,613	202.98	0.00
27.60	0.00	3,613	202.98	0.00
27.70	0.00	3,613	202.98	0.00
27.80	0.00	3,613	202.98	0.00
27.90	0.00	3,613	202.98	0.00
28.00	0.00	3,613	202.98	0.00
28.10	0.00	3,613	202.98	0.00
28.20	0.00	3,613	202.98	0.00
28.30	0.00	3,613	202.98	0.00
28.40	0.00	3,613	202.98	0.00
28.50	0.00	3,613	202.98	0.00
28.60	0.00	3,613	202.98	0.00
28.70	0.00	3,613	202.98	0.00
28.80	0.00	3,613	202.98	0.00
28.90	0.00	3,613	202.98	0.00
29.00	0.00	3,613	202.98	0.00
29.10	0.00	3,613	202.98	0.00
29.20	0.00	3,613	202.98	0.00
29.30	0.00	3,613	202.98	0.00
29.40	0.00	3,613	202.98	0.00
29.50	0.00	3,613	202.98	0.00
29.60	0.00	3,613	202.98	0.00
29.70	0.00	3,613	202.98	0.00
29.80	0.00	3,613	202.98	0.00
29.90	0.00	3,613	202.98	0.00
30.00	0.00	3,613	202.98	0.00
30.10	0.00	3,613	202.98	0.00
30.20	0.00	3,613	202.98	0.00
30.30	0.00	3,613	202.98	0.00
30.40	0.00	3,613	202.98	0.00
30.50	0.00	3,613	202.98	0.00
30.60	0.00	3,613	202.98	0.00
30.70	0.00	3,613	202.98	0.00
30.80	0.00	3,613	202.98	0.00
30.90	0.00	3,613	202.98	0.00
31.00	0.00	3,613	202.98	0.00
31.10	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,613	202.98	0.00
31.30	0.00	3,613	202.98	0.00
31.40	0.00	3,613	202.98	0.00
31.50	0.00	3,613	202.98	0.00
31.60	0.00	3,613	202.98	0.00
31.70	0.00	3,613	202.98	0.00
31.80	0.00	3,613	202.98	0.00
31.90	0.00	3,613	202.98	0.00
32.00	0.00	3,613	202.98	0.00
32.10	0.00	3,613	202.98	0.00
32.20	0.00	3,613	202.98	0.00
32.30	0.00	3,613	202.98	0.00
32.40	0.00	3,613	202.98	0.00
32.50	0.00	3,613	202.98	0.00
32.60	0.00	3,613	202.98	0.00
32.70	0.00	3,613	202.98	0.00
32.80	0.00	3,613	202.98	0.00
32.90	0.00	3,613	202.98	0.00
33.00	0.00	3,613	202.98	0.00
33.10	0.00	3,613	202.98	0.00
33.20	0.00	3,613	202.98	0.00
33.30	0.00	3,613	202.98	0.00
33.40	0.00	3,613	202.98	0.00
33.50	0.00	3,613	202.98	0.00
33.60	0.00	3,613	202.98	0.00
33.70	0.00	3,613	202.98	0.00
33.80	0.00	3,613	202.98	0.00
33.90	0.00	3,613	202.98	0.00
34.00	0.00	3,613	202.98	0.00
34.10	0.00	3,613	202.98	0.00
34.20	0.00	3,613	202.98	0.00
34.30	0.00	3,613	202.98	0.00
34.40	0.00	3,613	202.98	0.00
34.50	0.00	3,613	202.98	0.00
34.60	0.00	3,613	202.98	0.00
34.70	0.00	3,613	202.98	0.00
34.80	0.00	3,613	202.98	0.00
34.90	0.00	3,613	202.98	0.00
35.00	0.00	3,613	202.98	0.00
35.10	0.00	3,613	202.98	0.00
35.20	0.00	3,613	202.98	0.00
35.30	0.00	3,613	202.98	0.00
35.40	0.00	3,613	202.98	0.00
35.50	0.00	3,613	202.98	0.00
35.60	0.00	3,613	202.98	0.00
35.70	0.00	3,613	202.98	0.00
35.80	0.00	3,613	202.98	0.00
35.90	0.00	3,613	202.98	0.00
36.00	0.00	3,613	202.98	0.00
36.10	0.00	3,613	202.98	0.00
36.20	0.00	3,613	202.98	0.00
36.30	0.00	3,613	202.98	0.00

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

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,613	202.98	0.00
36.50	0.00	3,613	202.98	0.00
36.60	0.00	3,613	202.98	0.00
36.70	0.00	3,613	202.98	0.00
36.80	0.00	3,613	202.98	0.00
36.90	0.00	3,613	202.98	0.00
37.00	0.00	3,613	202.98	0.00
37.10	0.00	3,613	202.98	0.00
37.20	0.00	3,613	202.98	0.00
37.30	0.00	3,613	202.98	0.00
37.40	0.00	3,613	202.98	0.00
37.50	0.00	3,613	202.98	0.00
37.60	0.00	3,613	202.98	0.00
37.70	0.00	3,613	202.98	0.00
37.80	0.00	3,613	202.98	0.00
37.90	0.00	3,613	202.98	0.00
38.00	0.00	3,613	202.98	0.00
38.10	0.00	3,613	202.98	0.00
38.20	0.00	3,613	202.98	0.00
38.30	0.00	3,613	202.98	0.00
38.40	0.00	3,613	202.98	0.00
38.50	0.00	3,613	202.98	0.00
38.60	0.00	3,613	202.98	0.00
38.70	0.00	3,613	202.98	0.00
38.80	0.00	3,613	202.98	0.00
38.90	0.00	3,613	202.98	0.00
39.00	0.00	3,613	202.98	0.00
39.10	0.00	3,613	202.98	0.00
39.20	0.00	3,613	202.98	0.00
39.30	0.00	3,613	202.98	0.00
39.40	0.00	3,613	202.98	0.00
39.50	0.00	3,613	202.98	0.00
39.60	0.00	3,613	202.98	0.00
39.70	0.00	3,613	202.98	0.00
39.80	0.00	3,613	202.98	0.00
39.90	0.00	3,613	202.98	0.00
40.00	0.00	3,613	202.98	0.00

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.07	203.56	2.64
202.01	0.00	202.53	0.00	203.05	0.09	203.57	2.69
202.02	0.00	202.54	0.00	203.06	0.12	203.58	2.74
202.03	0.00	202.55	0.00	203.07	0.15	203.59	2.78
202.04	0.00	202.56	0.00	203.08	0.17	203.60	2.82
202.05	0.00	202.57	0.00	203.09	0.20	203.61	2.87
202.06	0.00	202.58	0.00	203.10	0.23	203.62	2.91
202.07	0.00	202.59	0.00	203.11	0.27	203.63	2.95
202.08	0.00	202.60	0.00	203.12	0.30	203.64	2.99
202.09	0.00	202.61	0.00	203.13	0.34	203.65	3.03
202.10	0.00	202.62	0.00	203.14	0.37	203.66	3.07
202.11	0.00	202.63	0.00	203.15	0.41	203.67	3.11
202.12	0.00	202.64	0.00	203.16	0.45	203.68	3.15
202.13	0.00	202.65	0.00	203.17	0.49	203.69	3.19
202.14	0.00	202.66	0.00	203.18	0.53	203.70	3.22
202.15	0.00	202.67	0.00	203.19	0.57	203.71	3.26
202.16	0.00	202.68	0.00	203.20	0.62	203.72	3.30
202.17	0.00	202.69	0.00	203.21	0.66	203.73	3.33
202.18	0.00	202.70	0.00	203.22	0.71	203.74	3.37
202.19	0.00	202.71	0.00	203.23	0.75	203.75	3.40
202.20	0.00	202.72	0.00	203.24	0.80	203.76	3.44
202.21	0.00	202.73	0.00	203.25	0.85	203.77	3.47
202.22	0.00	202.74	0.00	203.26	0.90	203.78	3.51
202.23	0.00	202.75	0.00	203.27	0.95	203.79	3.54
202.24	0.00	202.76	0.00	203.28	1.00	203.80	3.57
202.25	0.00	202.77	0.00	203.29	1.05	203.81	3.60
202.26	0.00	202.78	0.00	203.30	1.11	203.82	3.64
202.27	0.00	202.79	0.00	203.31	1.16	203.83	3.67
202.28	0.00	202.80	0.00	203.32	1.22	203.84	3.70
202.29	0.00	202.81	0.00	203.33	1.27	203.85	3.73
202.30	0.00	202.82	0.00	203.34	1.33	203.86	3.76
202.31	0.00	202.83	0.00	203.35	1.39	203.87	3.80
202.32	0.00	202.84	0.00	203.36	1.44	203.88	3.83
202.33	0.00	202.85	0.00	203.37	1.50	203.89	3.86
202.34	0.00	202.86	0.00	203.38	1.56	203.90	3.89
202.35	0.00	202.87	0.00	203.39	1.62	203.91	3.92
202.36	0.00	202.88	0.00	203.40	1.69	203.92	3.95
202.37	0.00	202.89	0.00	203.41	1.75	203.93	3.98
202.38	0.00	202.90	0.00	203.42	1.81	203.94	4.01
202.39	0.00	202.91	0.00	203.43	1.87	203.95	4.04
202.40	0.00	202.92	0.00	203.44	1.94	203.96	4.06
202.41	0.00	202.93	0.00	203.45	2.00	203.97	4.09
202.42	0.00	202.94	0.00	203.46	2.07	203.98	4.12
202.43	0.00	202.95	0.00	203.47	2.13	203.99	4.15
202.44	0.00	202.96	0.00	203.48	2.20	204.00	4.18
202.45	0.00	202.97	0.00	203.49	2.27	204.01	4.21
202.46	0.00	202.98	0.00	203.50	2.33	204.02	4.23
202.47	0.00	202.99	0.00	203.51	2.39	204.03	4.26
202.48	0.00	203.00	0.01	203.52	2.44	204.04	4.29
202.49	0.00	203.01	0.02	203.53	2.50	204.05	4.32
202.50	0.00	203.02	0.03	203.54	2.55	204.06	4.34
202.51	0.00	203.03	0.05	203.55	2.60	204.07	4.37

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

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	4.40	204.60	5.61	205.12	10.46	205.64	22.97
204.09	4.42	204.61	5.63	205.13	10.60	205.65	23.69
204.10	4.45	204.62	5.65	205.14	10.75	205.66	24.43
204.11	4.48	204.63	5.67	205.15	10.90	205.67	25.20
204.12	4.50	204.64	5.69	205.16	11.04	205.68	25.99
204.13	4.53	204.65	5.71	205.17	11.19	205.69	26.80
204.14	4.55	204.66	5.73	205.18	11.34	205.70	27.67
204.15	4.58	204.67	5.75	205.19	11.50	205.71	28.56
204.16	4.60	204.68	5.78	205.20	11.65	205.72	29.48
204.17	4.63	204.69	5.83	205.21	11.80	205.73	30.43
204.18	4.65	204.70	5.88	205.22	11.96	205.74	31.40
204.19	4.68	204.71	5.94	205.23	12.12	205.75	32.39
204.20	4.70	204.72	6.00	205.24	12.27	205.76	33.41
204.21	4.73	204.73	6.06	205.25	12.43	205.77	34.46
204.22	4.75	204.74	6.13	205.26	12.59	205.78	35.53
204.23	4.78	204.75	6.20	205.27	12.75	205.79	36.62
204.24	4.80	204.76	6.28	205.28	12.91	205.80	37.74
204.25	4.83	204.77	6.36	205.29	13.08	205.81	38.89
204.26	4.85	204.78	6.44	205.30	13.24	205.82	40.05
204.27	4.87	204.79	6.53	205.31	13.41	205.83	41.25
204.28	4.90	204.80	6.62	205.32	13.57	205.84	42.46
204.29	4.92	204.81	6.71	205.33	13.74	205.85	43.70
204.30	4.95	204.82	6.80	205.34	13.91	205.86	44.97
204.31	4.97	204.83	6.90	205.35	14.08	205.87	46.25
204.32	4.99	204.84	6.99	205.36	14.24	205.88	47.57
204.33	5.02	204.85	7.09	205.37	14.42	205.89	48.90
204.34	5.04	204.86	7.20	205.38	14.59	205.90	50.29
204.35	5.06	204.87	7.30	205.39	14.76	205.91	51.70
204.36	5.09	204.88	7.41	205.40	14.93	205.92	53.14
204.37	5.11	204.89	7.51	205.41	15.11	205.93	54.61
204.38	5.13	204.90	7.62	205.42	15.28	205.94	56.10
204.39	5.15	204.91	7.74	205.43	15.46	205.95	57.62
204.40	5.18	204.92	7.85	205.44	15.64	205.96	59.16
204.41	5.20	204.93	7.97	205.45	15.69	205.97	60.73
204.42	5.22	204.94	8.08	205.46	15.71	205.98	62.33
204.43	5.24	204.95	8.20	205.47	15.74	205.99	63.95
204.44	5.26	204.96	8.32	205.48	15.76	206.00	65.60
204.45	5.29	204.97	8.44	205.49	15.78		
204.46	5.31	204.98	8.57	205.50	15.92		
204.47	5.33	204.99	8.69	205.51	16.16		
204.48	5.35	205.00	8.82	205.52	16.46		
204.49	5.37	205.01	8.95	205.53	16.81		
204.50	5.40	205.02	9.08	205.54	17.21		
204.51	5.42	205.03	9.21	205.55	17.64		
204.52	5.44	205.04	9.34	205.56	18.12		
204.53	5.46	205.05	9.48	205.57	18.62		
204.54	5.48	205.06	9.61	205.58	19.16		
204.55	5.50	205.07	9.75	205.59	19.73		
204.56	5.52	205.08	9.89	205.60	20.32		
204.57	5.54	205.09	10.03	205.61	20.95		
204.58	5.57	205.10	10.17	205.62	21.60		
204.59	5.59	205.11	10.31	205.63	22.27		

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	3,521	0	202.52	3,711	1,880
202.01	3,525	35	202.53	3,714	1,917
202.02	3,528	70	202.54	3,718	1,955
202.03	3,532	106	202.55	3,722	1,992
202.04	3,536	141	202.56	3,725	2,029
202.05	3,539	177	202.57	3,729	2,066
202.06	3,543	212	202.58	3,733	2,104
202.07	3,547	247	202.59	3,736	2,141
202.08	3,550	283	202.60	3,740	2,178
202.09	3,554	318	202.61	3,744	2,216
202.10	3,557	354	202.62	3,747	2,253
202.11	3,561	390	202.63	3,751	2,291
202.12	3,565	425	202.64	3,755	2,328
202.13	3,568	461	202.65	3,758	2,366
202.14	3,572	497	202.66	3,762	2,403
202.15	3,576	532	202.67	3,766	2,441
202.16	3,579	568	202.68	3,769	2,479
202.17	3,583	604	202.69	3,773	2,516
202.18	3,587	640	202.70	3,776	2,554
202.19	3,590	676	202.71	3,780	2,592
202.20	3,594	711	202.72	3,784	2,630
202.21	3,598	747	202.73	3,787	2,668
202.22	3,601	783	202.74	3,791	2,705
202.23	3,605	819	202.75	3,795	2,743
202.24	3,609	856	202.76	3,798	2,781
202.25	3,612	892	202.77	3,802	2,819
202.26	3,616	928	202.78	3,806	2,857
202.27	3,620	964	202.79	3,809	2,895
202.28	3,623	1,000	202.80	3,813	2,934
202.29	3,627	1,036	202.81	3,817	2,972
202.30	3,631	1,073	202.82	3,820	3,010
202.31	3,634	1,109	202.83	3,824	3,048
202.32	3,638	1,145	202.84	3,828	3,086
202.33	3,641	1,182	202.85	3,831	3,125
202.34	3,645	1,218	202.86	3,835	3,163
202.35	3,649	1,255	202.87	3,839	3,201
202.36	3,652	1,291	202.88	3,842	3,240
202.37	3,656	1,328	202.89	3,846	3,278
202.38	3,660	1,364	202.90	3,850	3,317
202.39	3,663	1,401	202.91	3,853	3,355
202.40	3,667	1,438	202.92	3,857	3,394
202.41	3,671	1,474	202.93	3,860	3,432
202.42	3,674	1,511	202.94	3,864	3,471
202.43	3,678	1,548	202.95	3,868	3,510
202.44	3,682	1,585	202.96	3,871	3,548
202.45	3,685	1,621	202.97	3,875	3,587
202.46	3,689	1,658	202.98	3,879	3,626
202.47	3,693	1,695	202.99	3,882	3,665
202.48	3,696	1,732	203.00	3,886	3,704
202.49	3,700	1,769	203.01	3,890	3,742
202.50	3,704	1,806	203.02	3,894	3,781
202.51	3,707	1,843	203.03	3,897	3,820

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	3,901	3,859	203.56	4,099	5,939
203.05	3,905	3,898	203.57	4,103	5,980
203.06	3,909	3,937	203.58	4,106	6,021
203.07	3,913	3,976	203.59	4,110	6,062
203.08	3,916	4,016	203.60	4,114	6,103
203.09	3,920	4,055	203.61	4,118	6,145
203.10	3,924	4,094	203.62	4,122	6,186
203.11	3,928	4,133	203.63	4,125	6,227
203.12	3,932	4,173	203.64	4,129	6,268
203.13	3,935	4,212	203.65	4,133	6,310
203.14	3,939	4,251	203.66	4,137	6,351
203.15	3,943	4,291	203.67	4,141	6,392
203.16	3,947	4,330	203.68	4,144	6,434
203.17	3,951	4,370	203.69	4,148	6,475
203.18	3,954	4,409	203.70	4,152	6,517
203.19	3,958	4,449	203.71	4,156	6,558
203.20	3,962	4,488	203.72	4,160	6,600
203.21	3,966	4,528	203.73	4,163	6,642
203.22	3,970	4,568	203.74	4,167	6,683
203.23	3,973	4,607	203.75	4,171	6,725
203.24	3,977	4,647	203.76	4,175	6,767
203.25	3,981	4,687	203.77	4,179	6,808
203.26	3,985	4,727	203.78	4,182	6,850
203.27	3,989	4,767	203.79	4,186	6,892
203.28	3,992	4,806	203.80	4,190	6,934
203.29	3,996	4,846	203.81	4,194	6,976
203.30	4,000	4,886	203.82	4,198	7,018
203.31	4,004	4,926	203.83	4,201	7,060
203.32	4,008	4,966	203.84	4,205	7,102
203.33	4,011	5,007	203.85	4,209	7,144
203.34	4,015	5,047	203.86	4,213	7,186
203.35	4,019	5,087	203.87	4,217	7,228
203.36	4,023	5,127	203.88	4,220	7,270
203.37	4,027	5,167	203.89	4,224	7,313
203.38	4,030	5,208	203.90	4,228	7,355
203.39	4,034	5,248	203.91	4,232	7,397
203.40	4,038	5,288	203.92	4,236	7,439
203.41	4,042	5,329	203.93	4,239	7,482
203.42	4,046	5,369	203.94	4,243	7,524
203.43	4,049	5,410	203.95	4,247	7,567
203.44	4,053	5,450	203.96	4,251	7,609
203.45	4,057	5,491	203.97	4,255	7,652
203.46	4,061	5,531	203.98	4,258	7,694
203.47	4,065	5,572	203.99	4,262	7,737
203.48	4,068	5,613	204.00	4,266	7,780
203.49	4,072	5,653	204.01	4,270	7,822
203.50	4,076	5,694	204.02	4,274	7,865
203.51	4,080	5,735	204.03	4,278	7,908
203.52	4,084	5,776	204.04	4,282	7,950
203.53	4,087	5,816	204.05	4,286	7,993
203.54	4,091	5,857	204.06	4,290	8,036
203.55	4,095	5,898	204.07	4,294	8,079

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

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	4,298	8,122	204.60	4,502	10,410
204.09	4,301	8,165	204.61	4,506	10,455
204.10	4,305	8,208	204.62	4,510	10,500
204.11	4,309	8,251	204.63	4,514	10,545
204.12	4,313	8,294	204.64	4,518	10,590
204.13	4,317	8,337	204.65	4,522	10,636
204.14	4,321	8,381	204.66	4,526	10,681
204.15	4,325	8,424	204.67	4,530	10,726
204.16	4,329	8,467	204.68	4,534	10,771
204.17	4,333	8,510	204.69	4,538	10,817
204.18	4,337	8,554	204.70	4,542	10,862
204.19	4,341	8,597	204.71	4,546	10,908
204.20	4,345	8,641	204.72	4,550	10,953
204.21	4,349	8,684	204.73	4,554	10,999
204.22	4,353	8,728	204.74	4,558	11,044
204.23	4,357	8,771	204.75	4,562	11,090
204.24	4,361	8,815	204.76	4,565	11,135
204.25	4,365	8,858	204.77	4,569	11,181
204.26	4,368	8,902	204.78	4,573	11,227
204.27	4,372	8,946	204.79	4,577	11,273
204.28	4,376	8,989	204.80	4,581	11,318
204.29	4,380	9,033	204.81	4,585	11,364
204.30	4,384	9,077	204.82	4,589	11,410
204.31	4,388	9,121	204.83	4,593	11,456
204.32	4,392	9,165	204.84	4,597	11,502
204.33	4,396	9,209	204.85	4,601	11,548
204.34	4,400	9,253	204.86	4,605	11,594
204.35	4,404	9,297	204.87	4,609	11,640
204.36	4,408	9,341	204.88	4,613	11,686
204.37	4,412	9,385	204.89	4,617	11,732
204.38	4,416	9,429	204.90	4,621	11,778
204.39	4,420	9,473	204.91	4,625	11,825
204.40	4,424	9,517	204.92	4,628	11,871
204.41	4,428	9,562	204.93	4,632	11,917
204.42	4,431	9,606	204.94	4,636	11,964
204.43	4,435	9,650	204.95	4,640	12,010
204.44	4,439	9,695	204.96	4,644	12,056
204.45	4,443	9,739	204.97	4,648	12,103
204.46	4,447	9,784	204.98	4,652	12,149
204.47	4,451	9,828	204.99	4,656	12,196
204.48	4,455	9,873	205.00	4,660	12,243
204.49	4,459	9,917	205.01	4,664	12,289
204.50	4,463	9,962	205.02	4,668	12,336
204.51	4,467	10,006	205.03	4,672	12,382
204.52	4,471	10,051	205.04	4,676	12,429
204.53	4,475	10,096	205.05	4,680	12,476
204.54	4,479	10,141	205.06	4,685	12,523
204.55	4,483	10,185	205.07	4,689	12,570
204.56	4,487	10,230	205.08	4,693	12,617
204.57	4,491	10,275	205.09	4,697	12,664
204.58	4,495	10,320	205.10	4,701	12,711
204.59	4,498	10,365	205.11	4,705	12,758

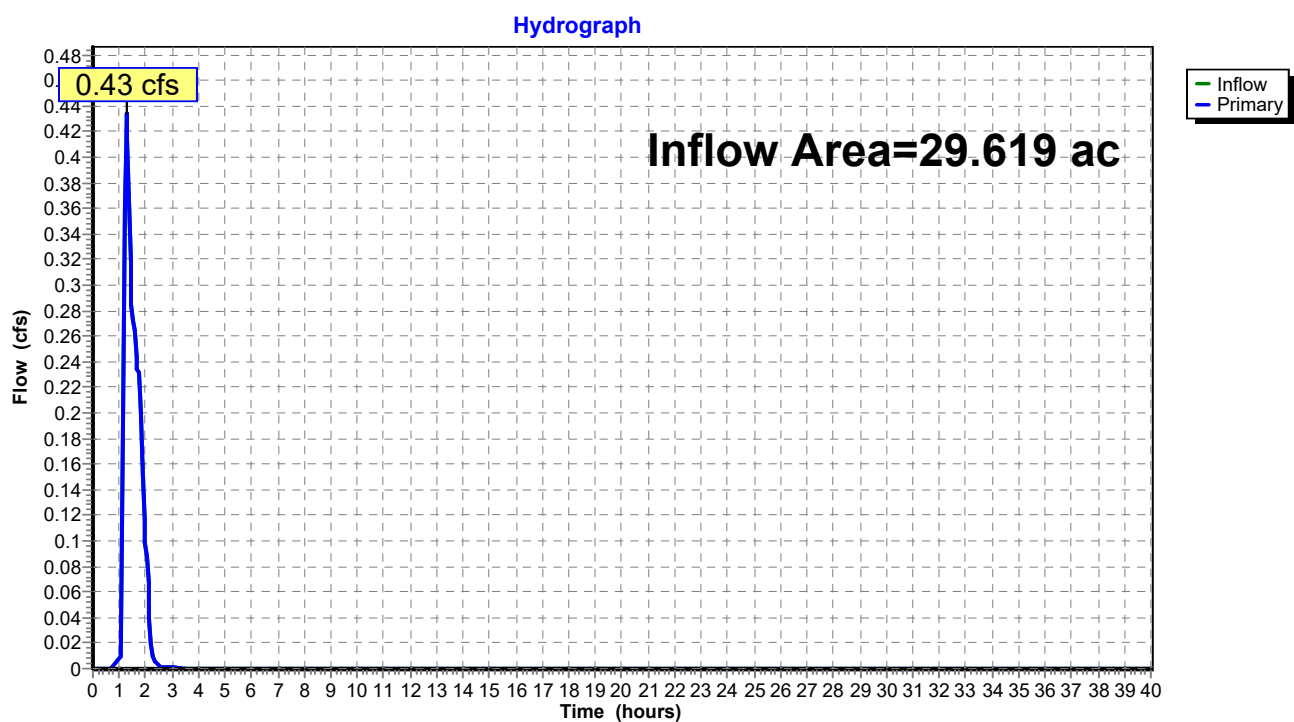
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	4,709	12,805	205.64	4,922	15,309
205.13	4,713	12,852	205.65	4,926	15,358
205.14	4,717	12,899	205.66	4,930	15,407
205.15	4,721	12,946	205.67	4,934	15,457
205.16	4,725	12,993	205.68	4,938	15,506
205.17	4,730	13,041	205.69	4,942	15,555
205.18	4,734	13,088	205.70	4,946	15,605
205.19	4,738	13,135	205.71	4,950	15,654
205.20	4,742	13,183	205.72	4,954	15,704
205.21	4,746	13,230	205.73	4,959	15,753
205.22	4,750	13,278	205.74	4,963	15,803
205.23	4,754	13,325	205.75	4,967	15,853
205.24	4,758	13,373	205.76	4,971	15,902
205.25	4,762	13,420	205.77	4,975	15,952
205.26	4,766	13,468	205.78	4,979	16,002
205.27	4,770	13,516	205.79	4,983	16,052
205.28	4,775	13,563	205.80	4,987	16,101
205.29	4,779	13,611	205.81	4,991	16,151
205.30	4,783	13,659	205.82	4,995	16,201
205.31	4,787	13,707	205.83	4,999	16,251
205.32	4,791	13,755	205.84	5,004	16,301
205.33	4,795	13,803	205.85	5,008	16,351
205.34	4,799	13,851	205.86	5,012	16,401
205.35	4,803	13,899	205.87	5,016	16,451
205.36	4,807	13,947	205.88	5,020	16,502
205.37	4,811	13,995	205.89	5,024	16,552
205.38	4,815	14,043	205.90	5,028	16,602
205.39	4,820	14,091	205.91	5,032	16,652
205.40	4,824	14,139	205.92	5,036	16,703
205.41	4,828	14,187	205.93	5,040	16,753
205.42	4,832	14,236	205.94	5,044	16,804
205.43	4,836	14,284	205.95	5,049	16,854
205.44	4,840	14,332	205.96	5,053	16,905
205.45	4,844	14,381	205.97	5,057	16,955
205.46	4,848	14,429	205.98	5,061	17,006
205.47	4,852	14,478	205.99	5,065	17,056
205.48	4,856	14,526	206.00	5,069	17,107
205.49	4,860	14,575			
205.50	4,865	14,624			
205.51	4,869	14,672			
205.52	4,873	14,721			
205.53	4,877	14,770			
205.54	4,881	14,819			
205.55	4,885	14,867			
205.56	4,889	14,916			
205.57	4,893	14,965			
205.58	4,897	15,014			
205.59	4,901	15,063			
205.60	4,905	15,112			
205.61	4,909	15,161			
205.62	4,914	15,210			
205.63	4,918	15,259			

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

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 0.01" for WQ Storm event
Inflow = 0.43 cfs @ 1.27 hrs, Volume= 0.021 af
Primary = 0.43 cfs @ 1.27 hrs, Volume= 0.021 af, Atten= 0%, Lag= 0.0 min

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

Link PDA-3: Proposed Drainage Area #3

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

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.04	0.00	0.04	3.70	0.00	0.00	0.00
1.15	0.19	0.00	0.19	3.75	0.00	0.00	0.00
1.20	0.36	0.00	0.36	3.80	0.00	0.00	0.00
1.25	0.43	0.00	0.43	3.85	0.00	0.00	0.00
1.30	0.42	0.00	0.42	3.90	0.00	0.00	0.00
1.35	0.37	0.00	0.37	3.95	0.00	0.00	0.00
1.40	0.32	0.00	0.32	4.00	0.00	0.00	0.00
1.45	0.28	0.00	0.28	4.05	0.00	0.00	0.00
1.50	0.27	0.00	0.27	4.10	0.00	0.00	0.00
1.55	0.27	0.00	0.27	4.15	0.00	0.00	0.00
1.60	0.26	0.00	0.26	4.20	0.00	0.00	0.00
1.65	0.24	0.00	0.24	4.25	0.00	0.00	0.00
1.70	0.23	0.00	0.23	4.30	0.00	0.00	0.00
1.75	0.23	0.00	0.23	4.35	0.00	0.00	0.00
1.80	0.23	0.00	0.23	4.40	0.00	0.00	0.00
1.85	0.20	0.00	0.20	4.45	0.00	0.00	0.00
1.90	0.15	0.00	0.15	4.50	0.00	0.00	0.00
1.95	0.12	0.00	0.12	4.55	0.00	0.00	0.00
2.00	0.10	0.00	0.10	4.60	0.00	0.00	0.00
2.05	0.09	0.00	0.09	4.65	0.00	0.00	0.00
2.10	0.07	0.00	0.07	4.70	0.00	0.00	0.00
2.15	0.04	0.00	0.04	4.75	0.00	0.00	0.00
2.20	0.02	0.00	0.02	4.80	0.00	0.00	0.00
2.25	0.01	0.00	0.01	4.85	0.00	0.00	0.00
2.30	0.01	0.00	0.01	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

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

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

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

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	0.00	0.00	0.00
10.45	0.00	0.00	0.00	13.05	0.00	0.00	0.00
10.50	0.00	0.00	0.00	13.10	0.00	0.00	0.00
10.55	0.00	0.00	0.00	13.15	0.00	0.00	0.00
10.60	0.00	0.00	0.00	13.20	0.00	0.00	0.00
10.65	0.00	0.00	0.00	13.25	0.00	0.00	0.00
10.70	0.00	0.00	0.00	13.30	0.00	0.00	0.00
10.75	0.00	0.00	0.00	13.35	0.00	0.00	0.00
10.80	0.00	0.00	0.00	13.40	0.00	0.00	0.00
10.85	0.00	0.00	0.00	13.45	0.00	0.00	0.00
10.90	0.00	0.00	0.00	13.50	0.00	0.00	0.00
10.95	0.00	0.00	0.00	13.55	0.00	0.00	0.00
11.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00
11.05	0.00	0.00	0.00	13.65	0.00	0.00	0.00
11.10	0.00	0.00	0.00	13.70	0.00	0.00	0.00
11.15	0.00	0.00	0.00	13.75	0.00	0.00	0.00
11.20	0.00	0.00	0.00	13.80	0.00	0.00	0.00
11.25	0.00	0.00	0.00	13.85	0.00	0.00	0.00
11.30	0.00	0.00	0.00	13.90	0.00	0.00	0.00
11.35	0.00	0.00	0.00	13.95	0.00	0.00	0.00
11.40	0.00	0.00	0.00	14.00	0.00	0.00	0.00
11.45	0.00	0.00	0.00	14.05	0.00	0.00	0.00
11.50	0.00	0.00	0.00	14.10	0.00	0.00	0.00
11.55	0.00	0.00	0.00	14.15	0.00	0.00	0.00
11.60	0.00	0.00	0.00	14.20	0.00	0.00	0.00
11.65	0.00	0.00	0.00	14.25	0.00	0.00	0.00
11.70	0.00	0.00	0.00	14.30	0.00	0.00	0.00
11.75	0.00	0.00	0.00	14.35	0.00	0.00	0.00
11.80	0.00	0.00	0.00	14.40	0.00	0.00	0.00
11.85	0.00	0.00	0.00	14.45	0.00	0.00	0.00
11.90	0.00	0.00	0.00	14.50	0.00	0.00	0.00
11.95	0.00	0.00	0.00	14.55	0.00	0.00	0.00
12.00	0.00	0.00	0.00	14.60	0.00	0.00	0.00
12.05	0.00	0.00	0.00	14.65	0.00	0.00	0.00
12.10	0.00	0.00	0.00	14.70	0.00	0.00	0.00
12.15	0.00	0.00	0.00	14.75	0.00	0.00	0.00
12.20	0.00	0.00	0.00	14.80	0.00	0.00	0.00
12.25	0.00	0.00	0.00	14.85	0.00	0.00	0.00
12.30	0.00	0.00	0.00	14.90	0.00	0.00	0.00
12.35	0.00	0.00	0.00	14.95	0.00	0.00	0.00
12.40	0.00	0.00	0.00	15.00	0.00	0.00	0.00
12.45	0.00	0.00	0.00	15.05	0.00	0.00	0.00
12.50	0.00	0.00	0.00	15.10	0.00	0.00	0.00
12.55	0.00	0.00	0.00	15.15	0.00	0.00	0.00
12.60	0.00	0.00	0.00	15.20	0.00	0.00	0.00
12.65	0.00	0.00	0.00	15.25	0.00	0.00	0.00
12.70	0.00	0.00	0.00	15.30	0.00	0.00	0.00
12.75	0.00	0.00	0.00	15.35	0.00	0.00	0.00
12.80	0.00	0.00	0.00	15.40	0.00	0.00	0.00
12.85	0.00	0.00	0.00	15.45	0.00	0.00	0.00
12.90	0.00	0.00	0.00	15.50	0.00	0.00	0.00
12.95	0.00	0.00	0.00	15.55	0.00	0.00	0.00

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

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.00	0.00	0.00	18.20	0.00	0.00	0.00
15.65	0.00	0.00	0.00	18.25	0.00	0.00	0.00
15.70	0.00	0.00	0.00	18.30	0.00	0.00	0.00
15.75	0.00	0.00	0.00	18.35	0.00	0.00	0.00
15.80	0.00	0.00	0.00	18.40	0.00	0.00	0.00
15.85	0.00	0.00	0.00	18.45	0.00	0.00	0.00
15.90	0.00	0.00	0.00	18.50	0.00	0.00	0.00
15.95	0.00	0.00	0.00	18.55	0.00	0.00	0.00
16.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00
16.05	0.00	0.00	0.00	18.65	0.00	0.00	0.00
16.10	0.00	0.00	0.00	18.70	0.00	0.00	0.00
16.15	0.00	0.00	0.00	18.75	0.00	0.00	0.00
16.20	0.00	0.00	0.00	18.80	0.00	0.00	0.00
16.25	0.00	0.00	0.00	18.85	0.00	0.00	0.00
16.30	0.00	0.00	0.00	18.90	0.00	0.00	0.00
16.35	0.00	0.00	0.00	18.95	0.00	0.00	0.00
16.40	0.00	0.00	0.00	19.00	0.00	0.00	0.00
16.45	0.00	0.00	0.00	19.05	0.00	0.00	0.00
16.50	0.00	0.00	0.00	19.10	0.00	0.00	0.00
16.55	0.00	0.00	0.00	19.15	0.00	0.00	0.00
16.60	0.00	0.00	0.00	19.20	0.00	0.00	0.00
16.65	0.00	0.00	0.00	19.25	0.00	0.00	0.00
16.70	0.00	0.00	0.00	19.30	0.00	0.00	0.00
16.75	0.00	0.00	0.00	19.35	0.00	0.00	0.00
16.80	0.00	0.00	0.00	19.40	0.00	0.00	0.00
16.85	0.00	0.00	0.00	19.45	0.00	0.00	0.00
16.90	0.00	0.00	0.00	19.50	0.00	0.00	0.00
16.95	0.00	0.00	0.00	19.55	0.00	0.00	0.00
17.00	0.00	0.00	0.00	19.60	0.00	0.00	0.00
17.05	0.00	0.00	0.00	19.65	0.00	0.00	0.00
17.10	0.00	0.00	0.00	19.70	0.00	0.00	0.00
17.15	0.00	0.00	0.00	19.75	0.00	0.00	0.00
17.20	0.00	0.00	0.00	19.80	0.00	0.00	0.00
17.25	0.00	0.00	0.00	19.85	0.00	0.00	0.00
17.30	0.00	0.00	0.00	19.90	0.00	0.00	0.00
17.35	0.00	0.00	0.00	19.95	0.00	0.00	0.00
17.40	0.00	0.00	0.00	20.00	0.00	0.00	0.00
17.45	0.00	0.00	0.00	20.05	0.00	0.00	0.00
17.50	0.00	0.00	0.00	20.10	0.00	0.00	0.00
17.55	0.00	0.00	0.00	20.15	0.00	0.00	0.00
17.60	0.00	0.00	0.00	20.20	0.00	0.00	0.00
17.65	0.00	0.00	0.00	20.25	0.00	0.00	0.00
17.70	0.00	0.00	0.00	20.30	0.00	0.00	0.00
17.75	0.00	0.00	0.00	20.35	0.00	0.00	0.00
17.80	0.00	0.00	0.00	20.40	0.00	0.00	0.00
17.85	0.00	0.00	0.00	20.45	0.00	0.00	0.00
17.90	0.00	0.00	0.00	20.50	0.00	0.00	0.00
17.95	0.00	0.00	0.00	20.55	0.00	0.00	0.00
18.00	0.00	0.00	0.00	20.60	0.00	0.00	0.00
18.05	0.00	0.00	0.00	20.65	0.00	0.00	0.00
18.10	0.00	0.00	0.00	20.70	0.00	0.00	0.00
18.15	0.00	0.00	0.00	20.75	0.00	0.00	0.00

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

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.00	0.00	0.00	23.40	0.00	0.00	0.00
20.85	0.00	0.00	0.00	23.45	0.00	0.00	0.00
20.90	0.00	0.00	0.00	23.50	0.00	0.00	0.00
20.95	0.00	0.00	0.00	23.55	0.00	0.00	0.00
21.00	0.00	0.00	0.00	23.60	0.00	0.00	0.00
21.05	0.00	0.00	0.00	23.65	0.00	0.00	0.00
21.10	0.00	0.00	0.00	23.70	0.00	0.00	0.00
21.15	0.00	0.00	0.00	23.75	0.00	0.00	0.00
21.20	0.00	0.00	0.00	23.80	0.00	0.00	0.00
21.25	0.00	0.00	0.00	23.85	0.00	0.00	0.00
21.30	0.00	0.00	0.00	23.90	0.00	0.00	0.00
21.35	0.00	0.00	0.00	23.95	0.00	0.00	0.00
21.40	0.00	0.00	0.00	24.00	0.00	0.00	0.00
21.45	0.00	0.00	0.00	24.05	0.00	0.00	0.00
21.50	0.00	0.00	0.00	24.10	0.00	0.00	0.00
21.55	0.00	0.00	0.00	24.15	0.00	0.00	0.00
21.60	0.00	0.00	0.00	24.20	0.00	0.00	0.00
21.65	0.00	0.00	0.00	24.25	0.00	0.00	0.00
21.70	0.00	0.00	0.00	24.30	0.00	0.00	0.00
21.75	0.00	0.00	0.00	24.35	0.00	0.00	0.00
21.80	0.00	0.00	0.00	24.40	0.00	0.00	0.00
21.85	0.00	0.00	0.00	24.45	0.00	0.00	0.00
21.90	0.00	0.00	0.00	24.50	0.00	0.00	0.00
21.95	0.00	0.00	0.00	24.55	0.00	0.00	0.00
22.00	0.00	0.00	0.00	24.60	0.00	0.00	0.00
22.05	0.00	0.00	0.00	24.65	0.00	0.00	0.00
22.10	0.00	0.00	0.00	24.70	0.00	0.00	0.00
22.15	0.00	0.00	0.00	24.75	0.00	0.00	0.00
22.20	0.00	0.00	0.00	24.80	0.00	0.00	0.00
22.25	0.00	0.00	0.00	24.85	0.00	0.00	0.00
22.30	0.00	0.00	0.00	24.90	0.00	0.00	0.00
22.35	0.00	0.00	0.00	24.95	0.00	0.00	0.00
22.40	0.00	0.00	0.00	25.00	0.00	0.00	0.00
22.45	0.00	0.00	0.00	25.05	0.00	0.00	0.00
22.50	0.00	0.00	0.00	25.10	0.00	0.00	0.00
22.55	0.00	0.00	0.00	25.15	0.00	0.00	0.00
22.60	0.00	0.00	0.00	25.20	0.00	0.00	0.00
22.65	0.00	0.00	0.00	25.25	0.00	0.00	0.00
22.70	0.00	0.00	0.00	25.30	0.00	0.00	0.00
22.75	0.00	0.00	0.00	25.35	0.00	0.00	0.00
22.80	0.00	0.00	0.00	25.40	0.00	0.00	0.00
22.85	0.00	0.00	0.00	25.45	0.00	0.00	0.00
22.90	0.00	0.00	0.00	25.50	0.00	0.00	0.00
22.95	0.00	0.00	0.00	25.55	0.00	0.00	0.00
23.00	0.00	0.00	0.00	25.60	0.00	0.00	0.00
23.05	0.00	0.00	0.00	25.65	0.00	0.00	0.00
23.10	0.00	0.00	0.00	25.70	0.00	0.00	0.00
23.15	0.00	0.00	0.00	25.75	0.00	0.00	0.00
23.20	0.00	0.00	0.00	25.80	0.00	0.00	0.00
23.25	0.00	0.00	0.00	25.85	0.00	0.00	0.00
23.30	0.00	0.00	0.00	25.90	0.00	0.00	0.00
23.35	0.00	0.00	0.00	25.95	0.00	0.00	0.00

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

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

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

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

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

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

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

Runoff = 1.14 cfs @ 12.17 hrs, Volume= 0.098 af, Depth= 3.12"
 Routed to Pond B-29 : Basin #29

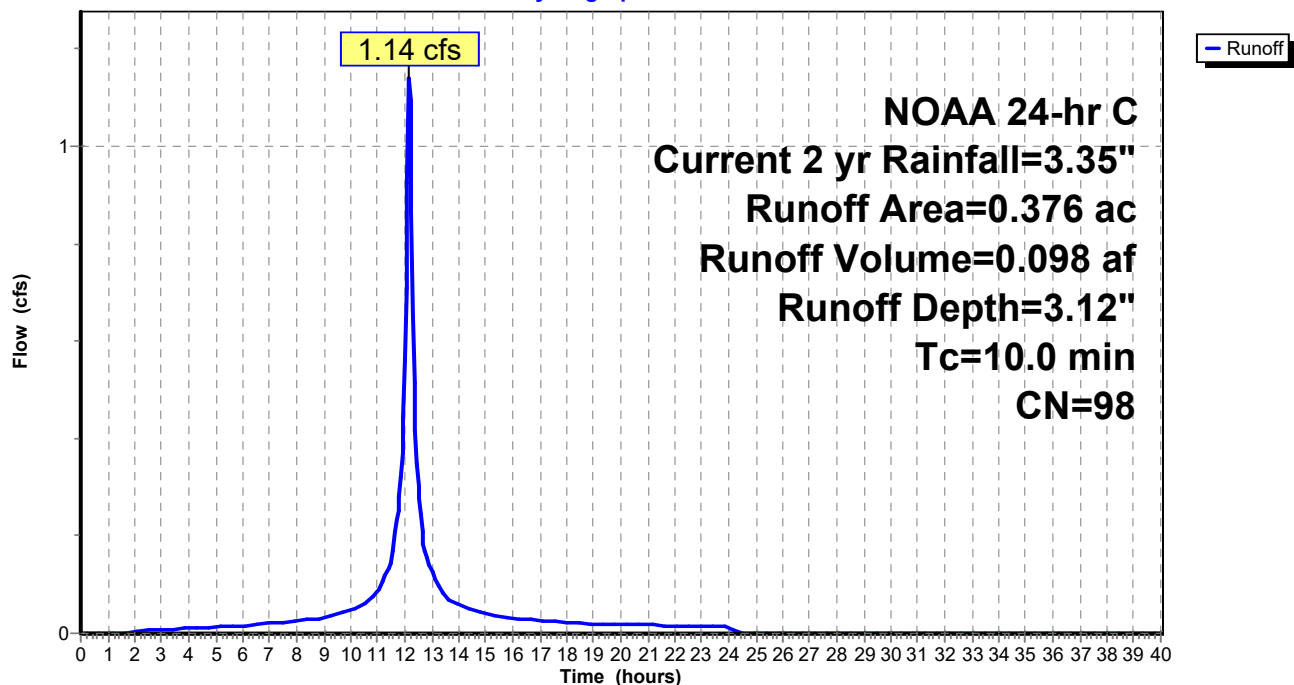
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

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

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

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



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

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

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.01	7.80	0.39	0.22	0.02
5.25	0.23	0.09	0.01	7.85	0.39	0.22	0.03
5.30	0.23	0.09	0.01	7.90	0.39	0.22	0.03
5.35	0.23	0.09	0.01	7.95	0.40	0.23	0.03
5.40	0.23	0.09	0.01	8.00	0.40	0.23	0.03
5.45	0.24	0.10	0.01	8.05	0.41	0.23	0.03
5.50	0.24	0.10	0.01	8.10	0.41	0.24	0.03
5.55	0.24	0.10	0.01	8.15	0.41	0.24	0.03
5.60	0.24	0.10	0.01	8.20	0.42	0.24	0.03
5.65	0.25	0.10	0.01	8.25	0.42	0.25	0.03
5.70	0.25	0.11	0.01	8.30	0.43	0.25	0.03
5.75	0.25	0.11	0.01	8.35	0.43	0.26	0.03
5.80	0.25	0.11	0.02	8.40	0.43	0.26	0.03
5.85	0.26	0.11	0.02	8.45	0.44	0.26	0.03
5.90	0.26	0.11	0.02	8.50	0.44	0.27	0.03
5.95	0.26	0.12	0.02	8.55	0.45	0.27	0.03
6.00	0.27	0.12	0.02	8.60	0.45	0.28	0.03
6.05	0.27	0.12	0.02	8.65	0.46	0.28	0.03
6.10	0.27	0.12	0.02	8.70	0.46	0.28	0.03
6.15	0.27	0.12	0.02	8.75	0.47	0.29	0.03
6.20	0.28	0.13	0.02	8.80	0.47	0.29	0.03
6.25	0.28	0.13	0.02	8.85	0.48	0.30	0.03
6.30	0.28	0.13	0.02	8.90	0.48	0.30	0.03
6.35	0.29	0.13	0.02	8.95	0.48	0.30	0.03
6.40	0.29	0.14	0.02	9.00	0.49	0.31	0.03
6.45	0.29	0.14	0.02	9.05	0.49	0.31	0.03
6.50	0.29	0.14	0.02	9.10	0.50	0.32	0.03
6.55	0.30	0.14	0.02	9.15	0.50	0.32	0.03
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.03
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.03
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.04
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.04
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.04
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.04
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.04
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.04
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.04
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.04
7.10	0.33	0.17	0.02	9.70	0.57	0.38	0.04
7.15	0.34	0.18	0.02	9.75	0.58	0.39	0.04
7.20	0.34	0.18	0.02	9.80	0.58	0.39	0.04
7.25	0.34	0.18	0.02	9.85	0.59	0.40	0.05
7.30	0.35	0.18	0.02	9.90	0.60	0.41	0.05
7.35	0.35	0.19	0.02	9.95	0.60	0.41	0.05
7.40	0.35	0.19	0.02	10.00	0.61	0.42	0.05
7.45	0.36	0.19	0.02	10.05	0.62	0.43	0.05
7.50	0.36	0.20	0.02	10.10	0.63	0.43	0.05
7.55	0.37	0.20	0.02	10.15	0.63	0.44	0.05
7.60	0.37	0.20	0.02	10.20	0.64	0.45	0.05
7.65	0.37	0.21	0.02	10.25	0.65	0.46	0.05
7.70	0.38	0.21	0.02	10.30	0.66	0.46	0.05
7.75	0.38	0.21	0.02	10.35	0.67	0.47	0.06

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.06	13.00	2.55	2.32	0.13
10.45	0.68	0.49	0.06	13.05	2.56	2.33	0.12
10.50	0.69	0.49	0.06	13.10	2.57	2.34	0.11
10.55	0.70	0.50	0.06	13.15	2.58	2.36	0.11
10.60	0.71	0.51	0.06	13.20	2.60	2.37	0.10
10.65	0.72	0.52	0.06	13.25	2.61	2.38	0.10
10.70	0.73	0.53	0.07	13.30	2.62	2.39	0.09
10.75	0.74	0.54	0.07	13.35	2.63	2.40	0.09
10.80	0.75	0.55	0.07	13.40	2.64	2.41	0.09
10.85	0.77	0.57	0.08	13.45	2.65	2.42	0.08
10.90	0.78	0.58	0.08	13.50	2.66	2.43	0.08
10.95	0.79	0.59	0.08	13.55	2.67	2.44	0.08
11.00	0.80	0.60	0.09	13.60	2.68	2.45	0.07
11.05	0.82	0.62	0.09	13.65	2.68	2.45	0.07
11.10	0.83	0.63	0.10	13.70	2.69	2.46	0.07
11.15	0.85	0.65	0.10	13.75	2.70	2.47	0.06
11.20	0.87	0.66	0.11	13.80	2.71	2.48	0.06
11.25	0.89	0.68	0.12	13.85	2.72	2.49	0.06
11.30	0.91	0.70	0.12	13.90	2.72	2.49	0.06
11.35	0.93	0.72	0.13	13.95	2.73	2.50	0.06
11.40	0.95	0.74	0.14	14.00	2.74	2.51	0.06
11.45	0.97	0.76	0.14	14.05	2.75	2.52	0.06
11.50	0.99	0.78	0.15	14.10	2.75	2.52	0.06
11.55	1.02	0.81	0.16	14.15	2.76	2.53	0.06
11.60	1.06	0.85	0.18	14.20	2.77	2.54	0.05
11.65	1.09	0.88	0.21	14.25	2.77	2.54	0.05
11.70	1.13	0.92	0.23	14.30	2.78	2.55	0.05
11.75	1.18	0.96	0.25	14.35	2.79	2.56	0.05
11.80	1.23	1.01	0.28	14.40	2.79	2.56	0.05
11.85	1.29	1.08	0.32	14.45	2.80	2.57	0.05
11.90	1.36	1.14	0.37	14.50	2.81	2.58	0.05
11.95	1.48	1.26	0.44	14.55	2.81	2.58	0.05
12.00	1.60	1.38	0.56	14.60	2.82	2.59	0.05
12.05	1.79	1.57	0.71	14.65	2.82	2.59	0.05
12.10	1.99	1.76	0.92	14.70	2.83	2.60	0.04
12.15	2.06	1.83	1.12	14.75	2.84	2.60	0.04
12.20	2.12	1.90	1.09	14.80	2.84	2.61	0.04
12.25	2.17	1.95	0.87	14.85	2.85	2.61	0.04
12.30	2.22	1.99	0.65	14.90	2.85	2.62	0.04
12.35	2.26	2.03	0.51	14.95	2.86	2.62	0.04
12.40	2.29	2.06	0.42	15.00	2.86	2.63	0.04
12.45	2.33	2.10	0.35	15.05	2.87	2.63	0.04
12.50	2.36	2.13	0.30	15.10	2.87	2.64	0.04
12.55	2.38	2.15	0.28	15.15	2.87	2.64	0.04
12.60	2.40	2.18	0.24	15.20	2.88	2.65	0.04
12.65	2.42	2.20	0.21	15.25	2.88	2.65	0.04
12.70	2.44	2.22	0.18	15.30	2.89	2.66	0.04
12.75	2.46	2.23	0.17	15.35	2.89	2.66	0.03
12.80	2.48	2.25	0.16	15.40	2.90	2.67	0.03
12.85	2.50	2.27	0.15	15.45	2.90	2.67	0.03
12.90	2.52	2.29	0.14	15.50	2.91	2.68	0.03
12.95	2.53	2.30	0.13	15.55	2.91	2.68	0.03

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.03	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.03	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.03	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.03	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.03	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.03	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.03	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.03	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.03	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.03	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.03	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.03	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.03	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.03	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.03	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.03	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.03	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.03	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.03	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.03	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.03	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.03	19.25	3.15	2.92	0.02
16.70	3.00	2.77	0.03	19.30	3.15	2.92	0.02
16.75	3.01	2.77	0.03	19.35	3.15	2.92	0.02
16.80	3.01	2.78	0.03	19.40	3.16	2.92	0.02
16.85	3.01	2.78	0.03	19.45	3.16	2.93	0.02
16.90	3.02	2.78	0.03	19.50	3.16	2.93	0.02
16.95	3.02	2.79	0.03	19.55	3.16	2.93	0.02
17.00	3.02	2.79	0.03	19.60	3.17	2.93	0.02
17.05	3.03	2.79	0.03	19.65	3.17	2.94	0.02
17.10	3.03	2.80	0.03	19.70	3.17	2.94	0.02
17.15	3.03	2.80	0.03	19.75	3.17	2.94	0.02
17.20	3.04	2.80	0.03	19.80	3.18	2.94	0.02
17.25	3.04	2.81	0.03	19.85	3.18	2.95	0.02
17.30	3.04	2.81	0.02	19.90	3.18	2.95	0.02
17.35	3.05	2.81	0.02	19.95	3.18	2.95	0.02
17.40	3.05	2.82	0.02	20.00	3.19	2.95	0.02
17.45	3.05	2.82	0.02	20.05	3.19	2.96	0.02
17.50	3.06	2.82	0.02	20.10	3.19	2.96	0.02
17.55	3.06	2.83	0.02	20.15	3.19	2.96	0.02
17.60	3.06	2.83	0.02	20.20	3.20	2.96	0.02
17.65	3.06	2.83	0.02	20.25	3.20	2.97	0.02
17.70	3.07	2.84	0.02	20.30	3.20	2.97	0.02
17.75	3.07	2.84	0.02	20.35	3.20	2.97	0.02
17.80	3.07	2.84	0.02	20.40	3.20	2.97	0.02
17.85	3.08	2.84	0.02	20.45	3.21	2.97	0.02
17.90	3.08	2.85	0.02	20.50	3.21	2.98	0.02
17.95	3.08	2.85	0.02	20.55	3.21	2.98	0.02
18.00	3.08	2.85	0.02	20.60	3.21	2.98	0.02
18.05	3.09	2.86	0.02	20.65	3.22	2.98	0.02
18.10	3.09	2.86	0.02	20.70	3.22	2.99	0.02
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.02

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.02	23.40	3.33	3.10	0.01
20.85	3.23	2.99	0.02	23.45	3.33	3.10	0.01
20.90	3.23	2.99	0.02	23.50	3.33	3.10	0.01
20.95	3.23	3.00	0.02	23.55	3.33	3.10	0.01
21.00	3.23	3.00	0.02	23.60	3.34	3.10	0.01
21.05	3.23	3.00	0.02	23.65	3.34	3.10	0.01
21.10	3.24	3.00	0.02	23.70	3.34	3.11	0.01
21.15	3.24	3.01	0.02	23.75	3.34	3.11	0.01
21.20	3.24	3.01	0.02	23.80	3.34	3.11	0.01
21.25	3.24	3.01	0.02	23.85	3.34	3.11	0.01
21.30	3.24	3.01	0.02	23.90	3.35	3.11	0.01
21.35	3.25	3.01	0.02	23.95	3.35	3.11	0.01
21.40	3.25	3.02	0.02	24.00	3.35	3.12	0.01
21.45	3.25	3.02	0.02	24.05	3.35	3.12	0.01
21.50	3.25	3.02	0.02	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.02	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.02	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.02	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.02	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.02	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.02	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.02	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.02	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.02	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.02	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.02	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.02	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.02	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.02	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.02	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.02	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.02	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.02	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.02	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.01	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.01	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.01	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.01	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.01	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.01	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.01	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.01	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.01	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.01	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.01	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.01	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.01	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.01	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.01	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.01	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.01	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.01	25.95	3.35	3.12	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

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

Runoff = 0.86 cfs @ 12.18 hrs, Volume= 0.066 af, Depth= 1.14"
Routed to Pond B-29 : Basin #29

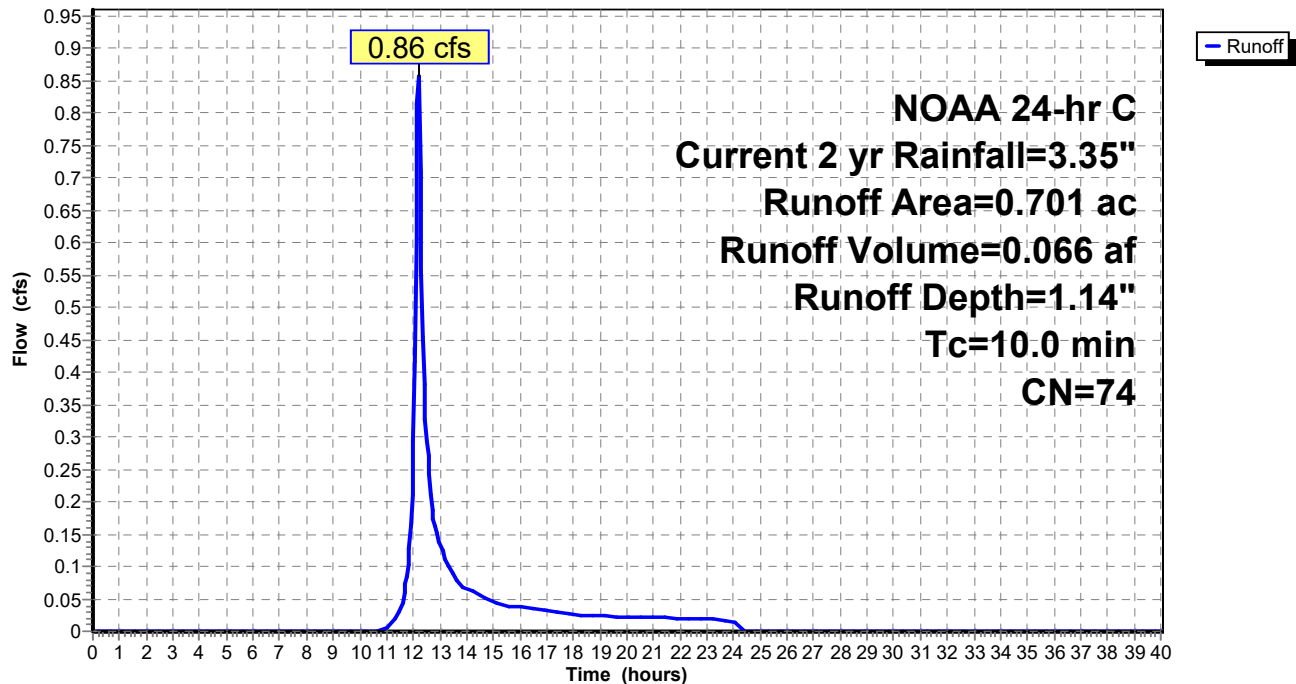
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

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

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



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

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

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.13
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.13
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.12
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.11
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.11
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.11
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.10
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.10
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.09
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.09
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.09
10.95	0.79	0.00	0.00	13.55	2.67	0.70	0.08
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.08
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.07
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.07
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.07
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.07
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.07
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.07
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.07
11.40	0.95	0.02	0.03	14.00	2.74	0.75	0.07
11.45	0.97	0.02	0.03	14.05	2.75	0.75	0.06
11.50	0.99	0.02	0.03	14.10	2.75	0.76	0.06
11.55	1.02	0.03	0.04	14.15	2.76	0.76	0.06
11.60	1.06	0.03	0.05	14.20	2.77	0.76	0.06
11.65	1.09	0.04	0.06	14.25	2.77	0.77	0.06
11.70	1.13	0.05	0.07	14.30	2.78	0.77	0.06
11.75	1.18	0.06	0.09	14.35	2.79	0.78	0.06
11.80	1.23	0.07	0.10	14.40	2.79	0.78	0.06
11.85	1.29	0.09	0.13	14.45	2.80	0.78	0.06
11.90	1.36	0.10	0.16	14.50	2.81	0.79	0.06
11.95	1.48	0.14	0.21	14.55	2.81	0.79	0.05
12.00	1.60	0.18	0.29	14.60	2.82	0.80	0.05
12.05	1.79	0.26	0.42	14.65	2.82	0.80	0.05
12.10	1.99	0.34	0.61	14.70	2.83	0.80	0.05
12.15	2.06	0.38	0.82	14.75	2.84	0.81	0.05
12.20	2.12	0.41	0.85	14.80	2.84	0.81	0.05
12.25	2.17	0.43	0.71	14.85	2.85	0.81	0.05
12.30	2.22	0.46	0.56	14.90	2.85	0.82	0.05
12.35	2.26	0.48	0.45	14.95	2.86	0.82	0.05
12.40	2.29	0.50	0.38	15.00	2.86	0.82	0.05
12.45	2.33	0.51	0.33	15.05	2.87	0.82	0.04
12.50	2.36	0.53	0.29	15.10	2.87	0.83	0.04
12.55	2.38	0.54	0.27	15.15	2.87	0.83	0.04
12.60	2.40	0.55	0.24	15.20	2.88	0.83	0.04
12.65	2.42	0.57	0.21	15.25	2.88	0.84	0.04
12.70	2.44	0.58	0.19	15.30	2.89	0.84	0.04
12.75	2.46	0.59	0.17	15.35	2.89	0.84	0.04
12.80	2.48	0.60	0.16	15.40	2.90	0.84	0.04
12.85	2.50	0.61	0.15	15.45	2.90	0.85	0.04
12.90	2.52	0.62	0.15	15.50	2.91	0.85	0.04
12.95	2.53	0.63	0.14	15.55	2.91	0.85	0.04

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.04	18.20	3.10	0.97	0.02
15.65	2.92	0.86	0.04	18.25	3.10	0.97	0.02
15.70	2.92	0.86	0.04	18.30	3.10	0.97	0.02
15.75	2.93	0.86	0.04	18.35	3.10	0.97	0.02
15.80	2.93	0.87	0.04	18.40	3.11	0.98	0.02
15.85	2.94	0.87	0.04	18.45	3.11	0.98	0.02
15.90	2.94	0.87	0.04	18.50	3.11	0.98	0.02
15.95	2.94	0.87	0.04	18.55	3.11	0.98	0.02
16.00	2.95	0.88	0.04	18.60	3.12	0.98	0.02
16.05	2.95	0.88	0.04	18.65	3.12	0.98	0.02
16.10	2.96	0.88	0.04	18.70	3.12	0.99	0.02
16.15	2.96	0.88	0.04	18.75	3.12	0.99	0.02
16.20	2.96	0.89	0.04	18.80	3.13	0.99	0.02
16.25	2.97	0.89	0.04	18.85	3.13	0.99	0.02
16.30	2.97	0.89	0.04	18.90	3.13	0.99	0.02
16.35	2.98	0.89	0.03	18.95	3.13	0.99	0.02
16.40	2.98	0.90	0.03	19.00	3.14	1.00	0.02
16.45	2.98	0.90	0.03	19.05	3.14	1.00	0.02
16.50	2.99	0.90	0.03	19.10	3.14	1.00	0.02
16.55	2.99	0.90	0.03	19.15	3.14	1.00	0.02
16.60	3.00	0.91	0.03	19.20	3.15	1.00	0.02
16.65	3.00	0.91	0.03	19.25	3.15	1.00	0.02
16.70	3.00	0.91	0.03	19.30	3.15	1.01	0.02
16.75	3.01	0.91	0.03	19.35	3.15	1.01	0.02
16.80	3.01	0.91	0.03	19.40	3.16	1.01	0.02
16.85	3.01	0.92	0.03	19.45	3.16	1.01	0.02
16.90	3.02	0.92	0.03	19.50	3.16	1.01	0.02
16.95	3.02	0.92	0.03	19.55	3.16	1.01	0.02
17.00	3.02	0.92	0.03	19.60	3.17	1.02	0.02
17.05	3.03	0.93	0.03	19.65	3.17	1.02	0.02
17.10	3.03	0.93	0.03	19.70	3.17	1.02	0.02
17.15	3.03	0.93	0.03	19.75	3.17	1.02	0.02
17.20	3.04	0.93	0.03	19.80	3.18	1.02	0.02
17.25	3.04	0.93	0.03	19.85	3.18	1.02	0.02
17.30	3.04	0.94	0.03	19.90	3.18	1.03	0.02
17.35	3.05	0.94	0.03	19.95	3.18	1.03	0.02
17.40	3.05	0.94	0.03	20.00	3.19	1.03	0.02
17.45	3.05	0.94	0.03	20.05	3.19	1.03	0.02
17.50	3.06	0.94	0.03	20.10	3.19	1.03	0.02
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.02
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.02
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.02
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.02
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.02
17.80	3.07	0.96	0.03	20.40	3.20	1.04	0.02
17.85	3.08	0.96	0.03	20.45	3.21	1.04	0.02
17.90	3.08	0.96	0.03	20.50	3.21	1.04	0.02
17.95	3.08	0.96	0.03	20.55	3.21	1.05	0.02
18.00	3.08	0.96	0.03	20.60	3.21	1.05	0.02
18.05	3.09	0.96	0.03	20.65	3.22	1.05	0.02
18.10	3.09	0.97	0.03	20.70	3.22	1.05	0.02
18.15	3.09	0.97	0.02	20.75	3.22	1.05	0.02

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.02	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.02	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.02	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.02	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.02	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.02	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.02	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.02	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.02	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.02	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.02	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.02	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.02	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.01
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 1.95 cfs @ 12.17 hrs, Volume= 0.167 af, Depth= 3.12"
 Routed to Pond B-30 : Basin #30

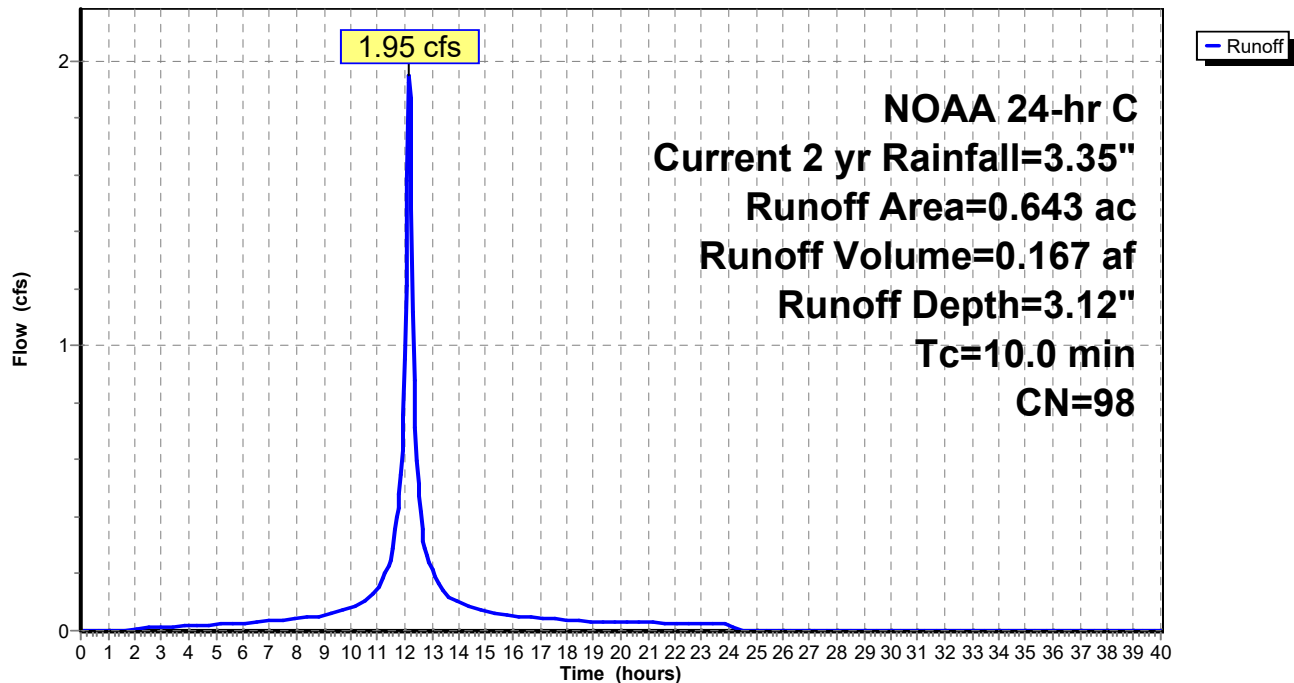
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

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

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

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

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.02	7.80	0.39	0.22	0.04
5.25	0.23	0.09	0.02	7.85	0.39	0.22	0.04
5.30	0.23	0.09	0.02	7.90	0.39	0.22	0.04
5.35	0.23	0.09	0.02	7.95	0.40	0.23	0.04
5.40	0.23	0.09	0.02	8.00	0.40	0.23	0.04
5.45	0.24	0.10	0.02	8.05	0.41	0.23	0.04
5.50	0.24	0.10	0.02	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.02	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.05
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.05
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.05
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.05
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.05
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.05
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.05
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.05
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.05
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.05
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.05
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.05
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.05
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.05
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.05
6.40	0.29	0.14	0.03	9.00	0.49	0.31	0.05
6.45	0.29	0.14	0.03	9.05	0.49	0.31	0.05
6.50	0.29	0.14	0.03	9.10	0.50	0.32	0.06
6.55	0.30	0.14	0.03	9.15	0.50	0.32	0.06
6.60	0.30	0.15	0.03	9.20	0.51	0.33	0.06
6.65	0.30	0.15	0.03	9.25	0.51	0.33	0.06
6.70	0.31	0.15	0.03	9.30	0.52	0.34	0.06
6.75	0.31	0.15	0.03	9.35	0.53	0.34	0.06
6.80	0.31	0.16	0.03	9.40	0.53	0.35	0.06
6.85	0.32	0.16	0.03	9.45	0.54	0.35	0.07
6.90	0.32	0.16	0.03	9.50	0.54	0.36	0.07
6.95	0.32	0.16	0.03	9.55	0.55	0.36	0.07
7.00	0.33	0.17	0.03	9.60	0.56	0.37	0.07
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.07
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.07
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.08
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.08
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.08
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.08
7.35	0.35	0.19	0.04	9.95	0.60	0.41	0.08
7.40	0.35	0.19	0.04	10.00	0.61	0.42	0.08
7.45	0.36	0.19	0.04	10.05	0.62	0.43	0.09
7.50	0.36	0.20	0.04	10.10	0.63	0.43	0.09
7.55	0.37	0.20	0.04	10.15	0.63	0.44	0.09
7.60	0.37	0.20	0.04	10.20	0.64	0.45	0.09
7.65	0.37	0.21	0.04	10.25	0.65	0.46	0.09
7.70	0.38	0.21	0.04	10.30	0.66	0.46	0.09
7.75	0.38	0.21	0.04	10.35	0.67	0.47	0.09

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.10	13.00	2.55	2.32	0.22
10.45	0.68	0.49	0.10	13.05	2.56	2.33	0.21
10.50	0.69	0.49	0.10	13.10	2.57	2.34	0.20
10.55	0.70	0.50	0.10	13.15	2.58	2.36	0.18
10.60	0.71	0.51	0.11	13.20	2.60	2.37	0.17
10.65	0.72	0.52	0.11	13.25	2.61	2.38	0.17
10.70	0.73	0.53	0.12	13.30	2.62	2.39	0.16
10.75	0.74	0.54	0.12	13.35	2.63	2.40	0.15
10.80	0.75	0.55	0.13	13.40	2.64	2.41	0.15
10.85	0.77	0.57	0.13	13.45	2.65	2.42	0.14
10.90	0.78	0.58	0.14	13.50	2.66	2.43	0.13
10.95	0.79	0.59	0.15	13.55	2.67	2.44	0.13
11.00	0.80	0.60	0.15	13.60	2.68	2.45	0.12
11.05	0.82	0.62	0.16	13.65	2.68	2.45	0.12
11.10	0.83	0.63	0.17	13.70	2.69	2.46	0.11
11.15	0.85	0.65	0.18	13.75	2.70	2.47	0.11
11.20	0.87	0.66	0.19	13.80	2.71	2.48	0.11
11.25	0.89	0.68	0.20	13.85	2.72	2.49	0.10
11.30	0.91	0.70	0.21	13.90	2.72	2.49	0.10
11.35	0.93	0.72	0.22	13.95	2.73	2.50	0.10
11.40	0.95	0.74	0.23	14.00	2.74	2.51	0.10
11.45	0.97	0.76	0.24	14.05	2.75	2.52	0.10
11.50	0.99	0.78	0.25	14.10	2.75	2.52	0.10
11.55	1.02	0.81	0.27	14.15	2.76	2.53	0.09
11.60	1.06	0.85	0.30	14.20	2.77	2.54	0.09
11.65	1.09	0.88	0.36	14.25	2.77	2.54	0.09
11.70	1.13	0.92	0.40	14.30	2.78	2.55	0.09
11.75	1.18	0.96	0.43	14.35	2.79	2.56	0.09
11.80	1.23	1.01	0.48	14.40	2.79	2.56	0.09
11.85	1.29	1.08	0.54	14.45	2.80	2.57	0.09
11.90	1.36	1.14	0.64	14.50	2.81	2.58	0.08
11.95	1.48	1.26	0.76	14.55	2.81	2.58	0.08
12.00	1.60	1.38	0.95	14.60	2.82	2.59	0.08
12.05	1.79	1.57	1.21	14.65	2.82	2.59	0.08
12.10	1.99	1.76	1.58	14.70	2.83	2.60	0.08
12.15	2.06	1.83	1.92	14.75	2.84	2.60	0.08
12.20	2.12	1.90	1.87	14.80	2.84	2.61	0.07
12.25	2.17	1.95	1.48	14.85	2.85	2.61	0.07
12.30	2.22	1.99	1.12	14.90	2.85	2.62	0.07
12.35	2.26	2.03	0.88	14.95	2.86	2.62	0.07
12.40	2.29	2.06	0.71	15.00	2.86	2.63	0.07
12.45	2.33	2.10	0.59	15.05	2.87	2.63	0.07
12.50	2.36	2.13	0.52	15.10	2.87	2.64	0.06
12.55	2.38	2.15	0.47	15.15	2.87	2.64	0.06
12.60	2.40	2.18	0.42	15.20	2.88	2.65	0.06
12.65	2.42	2.20	0.36	15.25	2.88	2.65	0.06
12.70	2.44	2.22	0.31	15.30	2.89	2.66	0.06
12.75	2.46	2.23	0.29	15.35	2.89	2.66	0.06
12.80	2.48	2.25	0.27	15.40	2.90	2.67	0.06
12.85	2.50	2.27	0.26	15.45	2.90	2.67	0.06
12.90	2.52	2.29	0.24	15.50	2.91	2.68	0.06
12.95	2.53	2.30	0.23	15.55	2.91	2.68	0.06

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.06	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.06	18.25	3.10	2.87	0.03
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.03
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.03
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.03
15.85	2.94	2.70	0.05	18.45	3.11	2.88	0.03
15.90	2.94	2.71	0.05	18.50	3.11	2.88	0.03
15.95	2.94	2.71	0.05	18.55	3.11	2.88	0.03
16.00	2.95	2.72	0.05	18.60	3.12	2.88	0.03
16.05	2.95	2.72	0.05	18.65	3.12	2.89	0.03
16.10	2.96	2.73	0.05	18.70	3.12	2.89	0.03
16.15	2.96	2.73	0.05	18.75	3.12	2.89	0.03
16.20	2.96	2.73	0.05	18.80	3.13	2.89	0.03
16.25	2.97	2.74	0.05	18.85	3.13	2.90	0.03
16.30	2.97	2.74	0.05	18.90	3.13	2.90	0.03
16.35	2.98	2.74	0.05	18.95	3.13	2.90	0.03
16.40	2.98	2.75	0.05	19.00	3.14	2.90	0.03
16.45	2.98	2.75	0.05	19.05	3.14	2.91	0.03
16.50	2.99	2.76	0.05	19.10	3.14	2.91	0.03
16.55	2.99	2.76	0.05	19.15	3.14	2.91	0.03
16.60	3.00	2.76	0.05	19.20	3.15	2.91	0.03
16.65	3.00	2.77	0.05	19.25	3.15	2.92	0.03
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.03
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.03
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.03
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.03
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.03
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.03
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.03
17.05	3.03	2.79	0.04	19.65	3.17	2.94	0.03
17.10	3.03	2.80	0.04	19.70	3.17	2.94	0.03
17.15	3.03	2.80	0.04	19.75	3.17	2.94	0.03
17.20	3.04	2.80	0.04	19.80	3.18	2.94	0.03
17.25	3.04	2.81	0.04	19.85	3.18	2.95	0.03
17.30	3.04	2.81	0.04	19.90	3.18	2.95	0.03
17.35	3.05	2.81	0.04	19.95	3.18	2.95	0.03
17.40	3.05	2.82	0.04	20.00	3.19	2.95	0.03
17.45	3.05	2.82	0.04	20.05	3.19	2.96	0.03
17.50	3.06	2.82	0.04	20.10	3.19	2.96	0.03
17.55	3.06	2.83	0.04	20.15	3.19	2.96	0.03
17.60	3.06	2.83	0.04	20.20	3.20	2.96	0.03
17.65	3.06	2.83	0.04	20.25	3.20	2.97	0.03
17.70	3.07	2.84	0.04	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.02
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.02
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.02
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.02
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.02
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.02
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.02
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.02
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.02
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.02
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.02
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.02
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.02
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.02	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.02	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.02	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.02	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.02	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.02	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.02	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.02	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.02	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.02	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.02	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.02	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 2.13 cfs @ 12.18 hrs, Volume= 0.165 af, Depth= 1.14"
 Routed to Pond B-30 : Basin #30

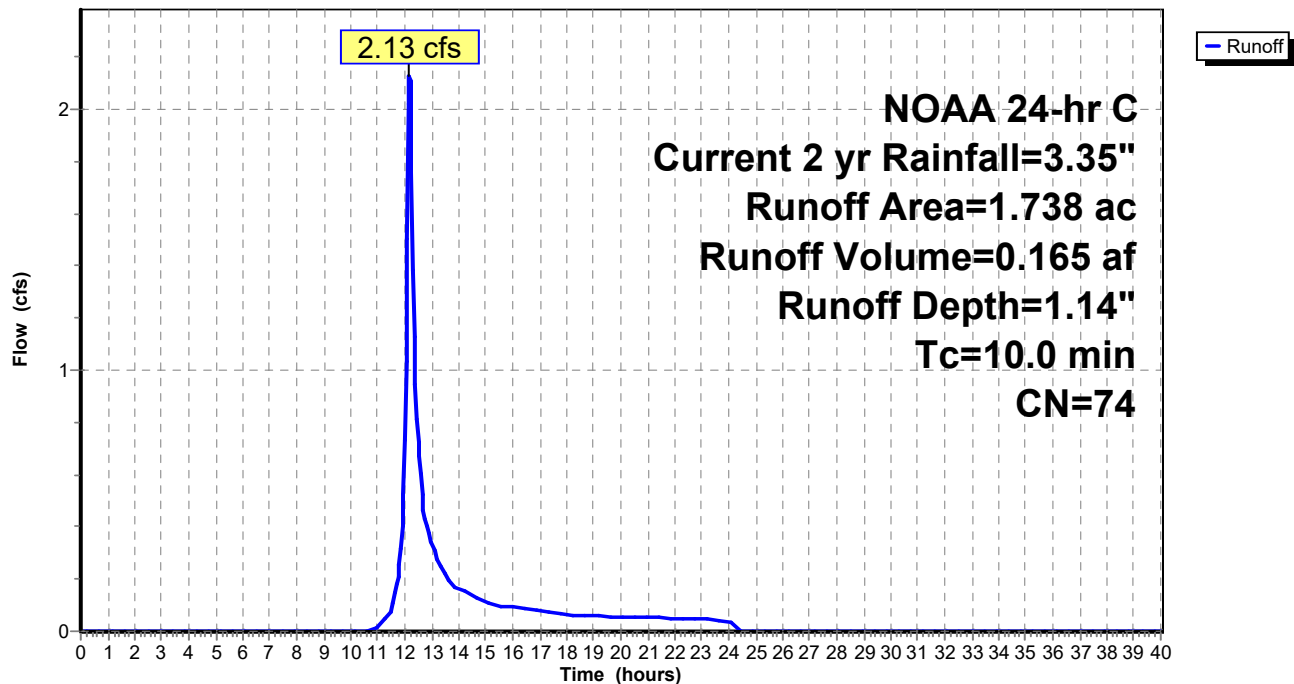
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

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

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

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

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.33
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.32
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.30
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.28
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.27
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.26
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.25
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.24
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.23
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.22
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.21
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.20
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.19
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.19
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.18
11.15	0.85	0.01	0.03	13.75	2.70	0.72	0.17
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.17
11.25	0.89	0.01	0.04	13.85	2.72	0.73	0.17
11.30	0.91	0.01	0.05	13.90	2.72	0.74	0.17
11.35	0.93	0.01	0.05	13.95	2.73	0.74	0.16
11.40	0.95	0.02	0.06	14.00	2.74	0.75	0.16
11.45	0.97	0.02	0.07	14.05	2.75	0.75	0.16
11.50	0.99	0.02	0.08	14.10	2.75	0.76	0.16
11.55	1.02	0.03	0.09	14.15	2.76	0.76	0.15
11.60	1.06	0.03	0.12	14.20	2.77	0.76	0.15
11.65	1.09	0.04	0.15	14.25	2.77	0.77	0.15
11.70	1.13	0.05	0.18	14.30	2.78	0.77	0.15
11.75	1.18	0.06	0.21	14.35	2.79	0.78	0.14
11.80	1.23	0.07	0.26	14.40	2.79	0.78	0.14
11.85	1.29	0.09	0.32	14.45	2.80	0.78	0.14
11.90	1.36	0.10	0.40	14.50	2.81	0.79	0.14
11.95	1.48	0.14	0.53	14.55	2.81	0.79	0.13
12.00	1.60	0.18	0.73	14.60	2.82	0.80	0.13
12.05	1.79	0.26	1.03	14.65	2.82	0.80	0.13
12.10	1.99	0.34	1.50	14.70	2.83	0.80	0.13
12.15	2.06	0.38	2.02	14.75	2.84	0.81	0.12
12.20	2.12	0.41	2.11	14.80	2.84	0.81	0.12
12.25	2.17	0.43	1.76	14.85	2.85	0.81	0.12
12.30	2.22	0.46	1.38	14.90	2.85	0.82	0.12
12.35	2.26	0.48	1.13	14.95	2.86	0.82	0.11
12.40	2.29	0.50	0.94	15.00	2.86	0.82	0.11
12.45	2.33	0.51	0.81	15.05	2.87	0.82	0.11
12.50	2.36	0.53	0.72	15.10	2.87	0.83	0.11
12.55	2.38	0.54	0.67	15.15	2.87	0.83	0.10
12.60	2.40	0.55	0.60	15.20	2.88	0.83	0.10
12.65	2.42	0.57	0.52	15.25	2.88	0.84	0.10
12.70	2.44	0.58	0.46	15.30	2.89	0.84	0.10
12.75	2.46	0.59	0.43	15.35	2.89	0.84	0.10
12.80	2.48	0.60	0.40	15.40	2.90	0.84	0.10
12.85	2.50	0.61	0.38	15.45	2.90	0.85	0.10
12.90	2.52	0.62	0.37	15.50	2.91	0.85	0.10
12.95	2.53	0.63	0.35	15.55	2.91	0.85	0.10

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.10	18.20	3.10	0.97	0.06
15.65	2.92	0.86	0.10	18.25	3.10	0.97	0.06
15.70	2.92	0.86	0.10	18.30	3.10	0.97	0.06
15.75	2.93	0.86	0.09	18.35	3.10	0.97	0.06
15.80	2.93	0.87	0.09	18.40	3.11	0.98	0.06
15.85	2.94	0.87	0.09	18.45	3.11	0.98	0.06
15.90	2.94	0.87	0.09	18.50	3.11	0.98	0.06
15.95	2.94	0.87	0.09	18.55	3.11	0.98	0.06
16.00	2.95	0.88	0.09	18.60	3.12	0.98	0.06
16.05	2.95	0.88	0.09	18.65	3.12	0.98	0.06
16.10	2.96	0.88	0.09	18.70	3.12	0.99	0.06
16.15	2.96	0.88	0.09	18.75	3.12	0.99	0.06
16.20	2.96	0.89	0.09	18.80	3.13	0.99	0.06
16.25	2.97	0.89	0.09	18.85	3.13	0.99	0.06
16.30	2.97	0.89	0.09	18.90	3.13	0.99	0.06
16.35	2.98	0.89	0.09	18.95	3.13	0.99	0.06
16.40	2.98	0.90	0.09	19.00	3.14	1.00	0.06
16.45	2.98	0.90	0.09	19.05	3.14	1.00	0.06
16.50	2.99	0.90	0.08	19.10	3.14	1.00	0.06
16.55	2.99	0.90	0.08	19.15	3.14	1.00	0.06
16.60	3.00	0.91	0.08	19.20	3.15	1.00	0.06
16.65	3.00	0.91	0.08	19.25	3.15	1.00	0.06
16.70	3.00	0.91	0.08	19.30	3.15	1.01	0.06
16.75	3.01	0.91	0.08	19.35	3.15	1.01	0.06
16.80	3.01	0.91	0.08	19.40	3.16	1.01	0.06
16.85	3.01	0.92	0.08	19.45	3.16	1.01	0.06
16.90	3.02	0.92	0.08	19.50	3.16	1.01	0.06
16.95	3.02	0.92	0.08	19.55	3.16	1.01	0.06
17.00	3.02	0.92	0.08	19.60	3.17	1.02	0.06
17.05	3.03	0.93	0.08	19.65	3.17	1.02	0.06
17.10	3.03	0.93	0.08	19.70	3.17	1.02	0.06
17.15	3.03	0.93	0.08	19.75	3.17	1.02	0.06
17.20	3.04	0.93	0.08	19.80	3.18	1.02	0.06
17.25	3.04	0.93	0.07	19.85	3.18	1.02	0.06
17.30	3.04	0.94	0.07	19.90	3.18	1.03	0.06
17.35	3.05	0.94	0.07	19.95	3.18	1.03	0.06
17.40	3.05	0.94	0.07	20.00	3.19	1.03	0.06
17.45	3.05	0.94	0.07	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.07	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.07	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.07	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.07	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.07	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.07	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.07	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.07	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.07	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.06	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.06	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.06	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.06	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.05	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.05	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.05	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.05	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.05	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.05	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.05	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.05	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.05	24.10	3.35	1.14	0.04
21.55	3.26	1.07	0.05	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.05	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.05	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.05	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.05	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.05	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.05	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.05	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.05	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.05	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.05	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.05	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.05	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.05	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.05	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.05	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.05	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.05	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.05	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.05	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.05	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.05	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.05	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.05	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.05	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.05	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.05	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 2.17 cfs @ 12.17 hrs, Volume= 0.186 af, Depth= 3.12"
Routed to Pond B-31 : Basin #31

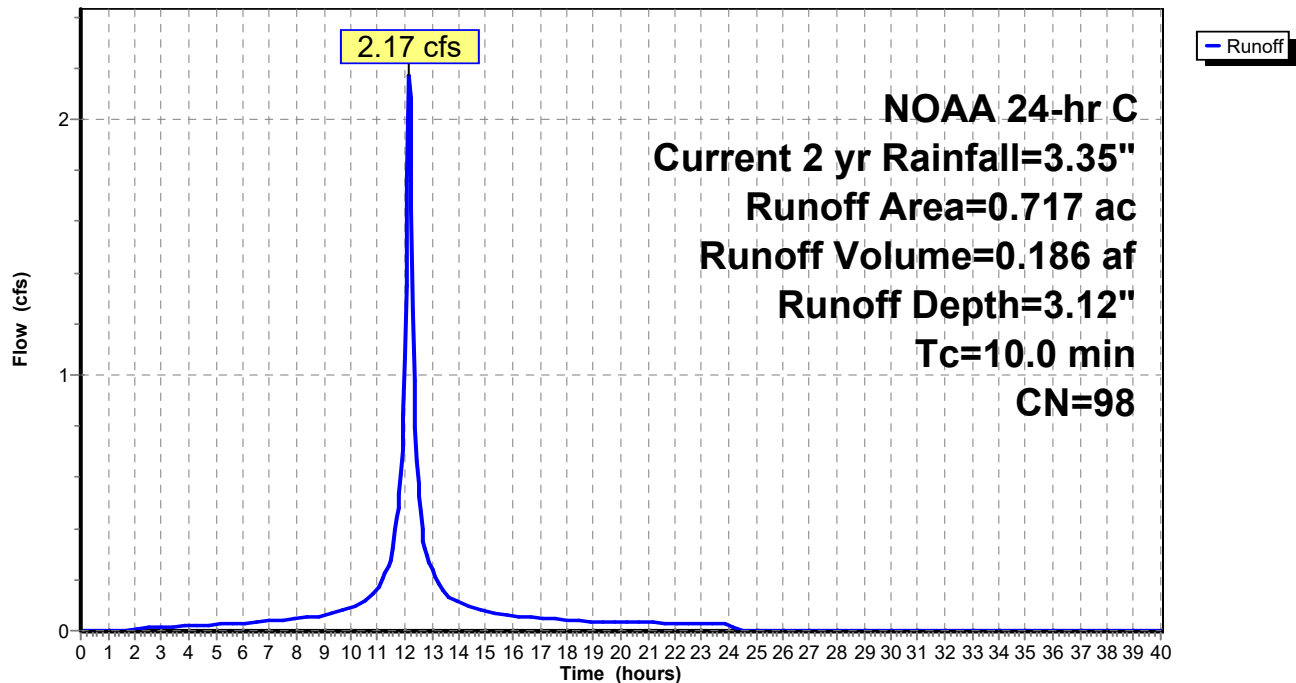
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

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

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

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

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.05
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.05
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.05
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.05
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.05
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.05
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.03	9.00	0.49	0.31	0.06
6.45	0.29	0.14	0.03	9.05	0.49	0.31	0.06
6.50	0.29	0.14	0.03	9.10	0.50	0.32	0.06
6.55	0.30	0.14	0.03	9.15	0.50	0.32	0.06
6.60	0.30	0.15	0.03	9.20	0.51	0.33	0.06
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.07
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.07
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.07
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.08
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.08
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.08
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.08
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.08
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.08
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.09
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.09
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.09
7.35	0.35	0.19	0.04	9.95	0.60	0.41	0.09
7.40	0.35	0.19	0.04	10.00	0.61	0.42	0.09
7.45	0.36	0.19	0.04	10.05	0.62	0.43	0.09
7.50	0.36	0.20	0.04	10.10	0.63	0.43	0.10
7.55	0.37	0.20	0.04	10.15	0.63	0.44	0.10
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.10
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.10
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.10
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.11

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.11	13.00	2.55	2.32	0.24
10.45	0.68	0.49	0.11	13.05	2.56	2.33	0.23
10.50	0.69	0.49	0.11	13.10	2.57	2.34	0.22
10.55	0.70	0.50	0.11	13.15	2.58	2.36	0.21
10.60	0.71	0.51	0.12	13.20	2.60	2.37	0.19
10.65	0.72	0.52	0.12	13.25	2.61	2.38	0.19
10.70	0.73	0.53	0.13	13.30	2.62	2.39	0.18
10.75	0.74	0.54	0.14	13.35	2.63	2.40	0.17
10.80	0.75	0.55	0.14	13.40	2.64	2.41	0.16
10.85	0.77	0.57	0.15	13.45	2.65	2.42	0.16
10.90	0.78	0.58	0.16	13.50	2.66	2.43	0.15
10.95	0.79	0.59	0.16	13.55	2.67	2.44	0.14
11.00	0.80	0.60	0.17	13.60	2.68	2.45	0.14
11.05	0.82	0.62	0.18	13.65	2.68	2.45	0.13
11.10	0.83	0.63	0.19	13.70	2.69	2.46	0.12
11.15	0.85	0.65	0.20	13.75	2.70	2.47	0.12
11.20	0.87	0.66	0.21	13.80	2.71	2.48	0.12
11.25	0.89	0.68	0.22	13.85	2.72	2.49	0.12
11.30	0.91	0.70	0.23	13.90	2.72	2.49	0.11
11.35	0.93	0.72	0.25	13.95	2.73	2.50	0.11
11.40	0.95	0.74	0.26	14.00	2.74	2.51	0.11
11.45	0.97	0.76	0.27	14.05	2.75	2.52	0.11
11.50	0.99	0.78	0.28	14.10	2.75	2.52	0.11
11.55	1.02	0.81	0.30	14.15	2.76	2.53	0.11
11.60	1.06	0.85	0.34	14.20	2.77	2.54	0.10
11.65	1.09	0.88	0.40	14.25	2.77	2.54	0.10
11.70	1.13	0.92	0.44	14.30	2.78	2.55	0.10
11.75	1.18	0.96	0.48	14.35	2.79	2.56	0.10
11.80	1.23	1.01	0.53	14.40	2.79	2.56	0.10
11.85	1.29	1.08	0.61	14.45	2.80	2.57	0.09
11.90	1.36	1.14	0.71	14.50	2.81	2.58	0.09
11.95	1.48	1.26	0.84	14.55	2.81	2.58	0.09
12.00	1.60	1.38	1.06	14.60	2.82	2.59	0.09
12.05	1.79	1.57	1.35	14.65	2.82	2.59	0.09
12.10	1.99	1.76	1.76	14.70	2.83	2.60	0.09
12.15	2.06	1.83	2.14	14.75	2.84	2.60	0.08
12.20	2.12	1.90	2.09	14.80	2.84	2.61	0.08
12.25	2.17	1.95	1.65	14.85	2.85	2.61	0.08
12.30	2.22	1.99	1.25	14.90	2.85	2.62	0.08
12.35	2.26	2.03	0.98	14.95	2.86	2.62	0.08
12.40	2.29	2.06	0.79	15.00	2.86	2.63	0.07
12.45	2.33	2.10	0.66	15.05	2.87	2.63	0.07
12.50	2.36	2.13	0.58	15.10	2.87	2.64	0.07
12.55	2.38	2.15	0.53	15.15	2.87	2.64	0.07
12.60	2.40	2.18	0.47	15.20	2.88	2.65	0.07
12.65	2.42	2.20	0.40	15.25	2.88	2.65	0.07
12.70	2.44	2.22	0.35	15.30	2.89	2.66	0.07
12.75	2.46	2.23	0.32	15.35	2.89	2.66	0.07
12.80	2.48	2.25	0.30	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.29	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.27	15.50	2.91	2.68	0.06
12.95	2.53	2.30	0.26	15.55	2.91	2.68	0.06

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.06	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.06	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.06	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.06	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.06	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.06	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.06	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.06	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.05	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.05	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.05	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.03
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.03
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.03
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.03
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.03
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.03
17.60	3.06	2.83	0.04	20.20	3.20	2.96	0.03
17.65	3.06	2.83	0.04	20.25	3.20	2.97	0.03
17.70	3.07	2.84	0.04	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.02
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 0.25 cfs @ 12.18 hrs, Volume= 0.020 af, Depth= 1.14"
 Routed to Pond B-31 : Basin #31

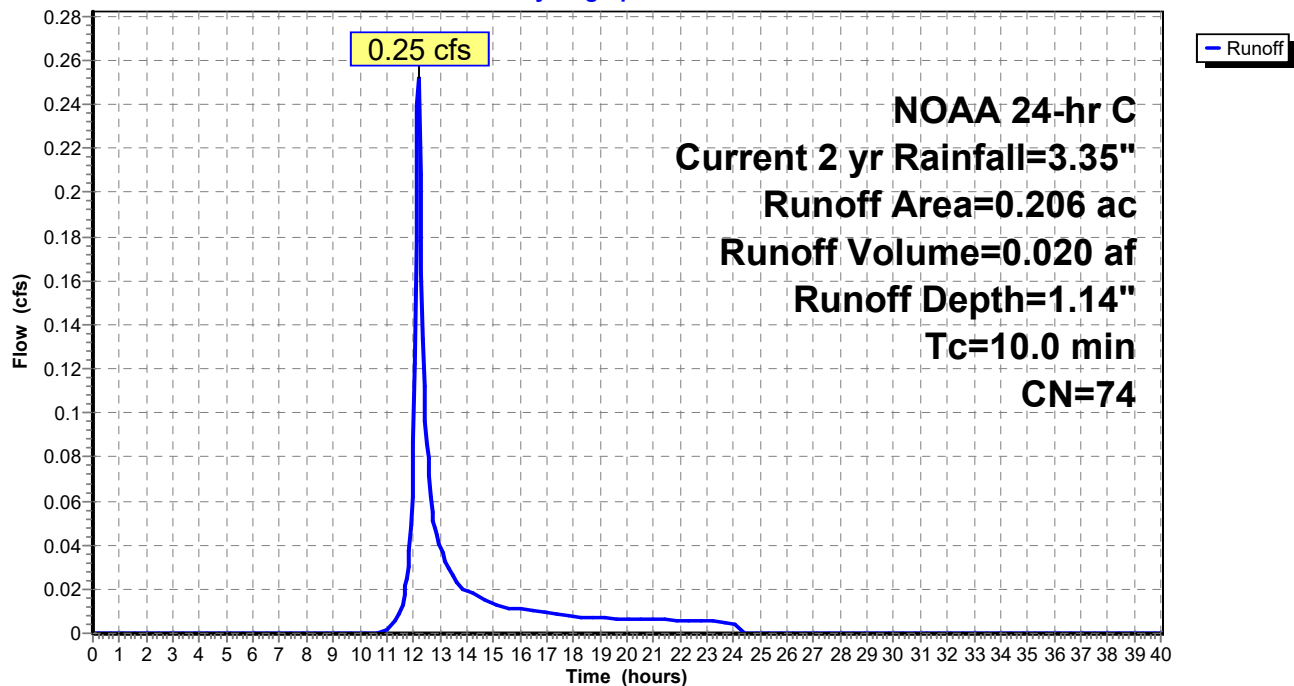
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

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

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

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

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.04
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.04
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.04
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.03
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.03
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.03
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.03
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.03
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.03
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.03
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.03
10.95	0.79	0.00	0.00	13.55	2.67	0.70	0.02
11.00	0.80	0.00	0.00	13.60	2.68	0.71	0.02
11.05	0.82	0.00	0.00	13.65	2.68	0.71	0.02
11.10	0.83	0.00	0.00	13.70	2.69	0.72	0.02
11.15	0.85	0.01	0.00	13.75	2.70	0.72	0.02
11.20	0.87	0.01	0.00	13.80	2.71	0.73	0.02
11.25	0.89	0.01	0.00	13.85	2.72	0.73	0.02
11.30	0.91	0.01	0.01	13.90	2.72	0.74	0.02
11.35	0.93	0.01	0.01	13.95	2.73	0.74	0.02
11.40	0.95	0.02	0.01	14.00	2.74	0.75	0.02
11.45	0.97	0.02	0.01	14.05	2.75	0.75	0.02
11.50	0.99	0.02	0.01	14.10	2.75	0.76	0.02
11.55	1.02	0.03	0.01	14.15	2.76	0.76	0.02
11.60	1.06	0.03	0.01	14.20	2.77	0.76	0.02
11.65	1.09	0.04	0.02	14.25	2.77	0.77	0.02
11.70	1.13	0.05	0.02	14.30	2.78	0.77	0.02
11.75	1.18	0.06	0.03	14.35	2.79	0.78	0.02
11.80	1.23	0.07	0.03	14.40	2.79	0.78	0.02
11.85	1.29	0.09	0.04	14.45	2.80	0.78	0.02
11.90	1.36	0.10	0.05	14.50	2.81	0.79	0.02
11.95	1.48	0.14	0.06	14.55	2.81	0.79	0.02
12.00	1.60	0.18	0.09	14.60	2.82	0.80	0.02
12.05	1.79	0.26	0.12	14.65	2.82	0.80	0.02
12.10	1.99	0.34	0.18	14.70	2.83	0.80	0.02
12.15	2.06	0.38	0.24	14.75	2.84	0.81	0.01
12.20	2.12	0.41	0.25	14.80	2.84	0.81	0.01
12.25	2.17	0.43	0.21	14.85	2.85	0.81	0.01
12.30	2.22	0.46	0.16	14.90	2.85	0.82	0.01
12.35	2.26	0.48	0.13	14.95	2.86	0.82	0.01
12.40	2.29	0.50	0.11	15.00	2.86	0.82	0.01
12.45	2.33	0.51	0.10	15.05	2.87	0.82	0.01
12.50	2.36	0.53	0.09	15.10	2.87	0.83	0.01
12.55	2.38	0.54	0.08	15.15	2.87	0.83	0.01
12.60	2.40	0.55	0.07	15.20	2.88	0.83	0.01
12.65	2.42	0.57	0.06	15.25	2.88	0.84	0.01
12.70	2.44	0.58	0.05	15.30	2.89	0.84	0.01
12.75	2.46	0.59	0.05	15.35	2.89	0.84	0.01
12.80	2.48	0.60	0.05	15.40	2.90	0.84	0.01
12.85	2.50	0.61	0.05	15.45	2.90	0.85	0.01
12.90	2.52	0.62	0.04	15.50	2.91	0.85	0.01
12.95	2.53	0.63	0.04	15.55	2.91	0.85	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.01	18.20	3.10	0.97	0.01
15.65	2.92	0.86	0.01	18.25	3.10	0.97	0.01
15.70	2.92	0.86	0.01	18.30	3.10	0.97	0.01
15.75	2.93	0.86	0.01	18.35	3.10	0.97	0.01
15.80	2.93	0.87	0.01	18.40	3.11	0.98	0.01
15.85	2.94	0.87	0.01	18.45	3.11	0.98	0.01
15.90	2.94	0.87	0.01	18.50	3.11	0.98	0.01
15.95	2.94	0.87	0.01	18.55	3.11	0.98	0.01
16.00	2.95	0.88	0.01	18.60	3.12	0.98	0.01
16.05	2.95	0.88	0.01	18.65	3.12	0.98	0.01
16.10	2.96	0.88	0.01	18.70	3.12	0.99	0.01
16.15	2.96	0.88	0.01	18.75	3.12	0.99	0.01
16.20	2.96	0.89	0.01	18.80	3.13	0.99	0.01
16.25	2.97	0.89	0.01	18.85	3.13	0.99	0.01
16.30	2.97	0.89	0.01	18.90	3.13	0.99	0.01
16.35	2.98	0.89	0.01	18.95	3.13	0.99	0.01
16.40	2.98	0.90	0.01	19.00	3.14	1.00	0.01
16.45	2.98	0.90	0.01	19.05	3.14	1.00	0.01
16.50	2.99	0.90	0.01	19.10	3.14	1.00	0.01
16.55	2.99	0.90	0.01	19.15	3.14	1.00	0.01
16.60	3.00	0.91	0.01	19.20	3.15	1.00	0.01
16.65	3.00	0.91	0.01	19.25	3.15	1.00	0.01
16.70	3.00	0.91	0.01	19.30	3.15	1.01	0.01
16.75	3.01	0.91	0.01	19.35	3.15	1.01	0.01
16.80	3.01	0.91	0.01	19.40	3.16	1.01	0.01
16.85	3.01	0.92	0.01	19.45	3.16	1.01	0.01
16.90	3.02	0.92	0.01	19.50	3.16	1.01	0.01
16.95	3.02	0.92	0.01	19.55	3.16	1.01	0.01
17.00	3.02	0.92	0.01	19.60	3.17	1.02	0.01
17.05	3.03	0.93	0.01	19.65	3.17	1.02	0.01
17.10	3.03	0.93	0.01	19.70	3.17	1.02	0.01
17.15	3.03	0.93	0.01	19.75	3.17	1.02	0.01
17.20	3.04	0.93	0.01	19.80	3.18	1.02	0.01
17.25	3.04	0.93	0.01	19.85	3.18	1.02	0.01
17.30	3.04	0.94	0.01	19.90	3.18	1.03	0.01
17.35	3.05	0.94	0.01	19.95	3.18	1.03	0.01
17.40	3.05	0.94	0.01	20.00	3.19	1.03	0.01
17.45	3.05	0.94	0.01	20.05	3.19	1.03	0.01
17.50	3.06	0.94	0.01	20.10	3.19	1.03	0.01
17.55	3.06	0.95	0.01	20.15	3.19	1.03	0.01
17.60	3.06	0.95	0.01	20.20	3.20	1.03	0.01
17.65	3.06	0.95	0.01	20.25	3.20	1.04	0.01
17.70	3.07	0.95	0.01	20.30	3.20	1.04	0.01
17.75	3.07	0.95	0.01	20.35	3.20	1.04	0.01
17.80	3.07	0.96	0.01	20.40	3.20	1.04	0.01
17.85	3.08	0.96	0.01	20.45	3.21	1.04	0.01
17.90	3.08	0.96	0.01	20.50	3.21	1.04	0.01
17.95	3.08	0.96	0.01	20.55	3.21	1.05	0.01
18.00	3.08	0.96	0.01	20.60	3.21	1.05	0.01
18.05	3.09	0.96	0.01	20.65	3.22	1.05	0.01
18.10	3.09	0.97	0.01	20.70	3.22	1.05	0.01
18.15	3.09	0.97	0.01	20.75	3.22	1.05	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.01	23.40	3.33	1.12	0.01
20.85	3.23	1.05	0.01	23.45	3.33	1.12	0.01
20.90	3.23	1.06	0.01	23.50	3.33	1.13	0.01
20.95	3.23	1.06	0.01	23.55	3.33	1.13	0.01
21.00	3.23	1.06	0.01	23.60	3.34	1.13	0.01
21.05	3.23	1.06	0.01	23.65	3.34	1.13	0.00
21.10	3.24	1.06	0.01	23.70	3.34	1.13	0.00
21.15	3.24	1.06	0.01	23.75	3.34	1.13	0.00
21.20	3.24	1.06	0.01	23.80	3.34	1.13	0.00
21.25	3.24	1.07	0.01	23.85	3.34	1.13	0.00
21.30	3.24	1.07	0.01	23.90	3.35	1.13	0.00
21.35	3.25	1.07	0.01	23.95	3.35	1.14	0.00
21.40	3.25	1.07	0.01	24.00	3.35	1.14	0.01
21.45	3.25	1.07	0.01	24.05	3.35	1.14	0.01
21.50	3.25	1.07	0.01	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.01	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.01	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.01	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.01	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.01	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.01	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.01	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.01	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.01	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.01	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.01	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.01	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.01	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.01	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.01	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.01	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.01	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.01	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.01	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.01	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.01	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.01	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.01	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.01	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.01	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.01	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.01	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.01	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.01	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.01	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.01	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.01	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.01	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.01	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.01	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.01	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.01	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 1.17 cfs @ 12.17 hrs, Volume= 0.100 af, Depth= 3.12"
 Routed to Pond B-32 : Basin #32

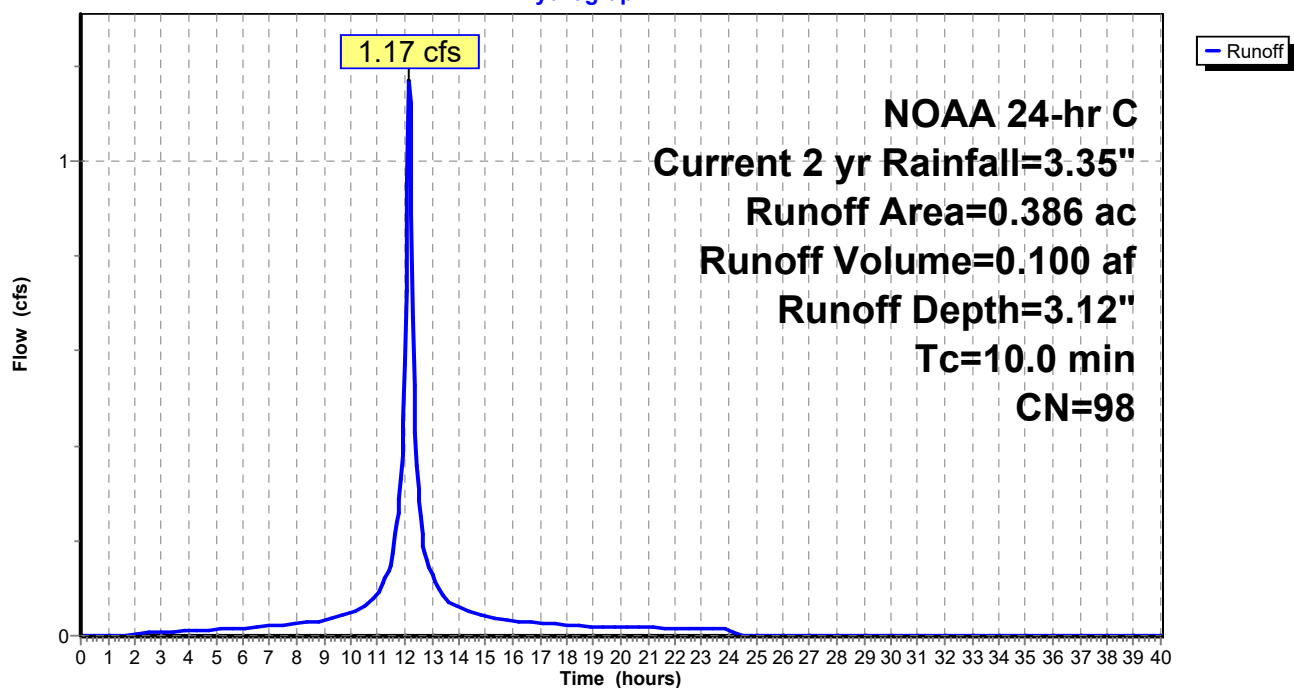
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

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

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

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

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.01	7.80	0.39	0.22	0.03
5.25	0.23	0.09	0.01	7.85	0.39	0.22	0.03
5.30	0.23	0.09	0.01	7.90	0.39	0.22	0.03
5.35	0.23	0.09	0.01	7.95	0.40	0.23	0.03
5.40	0.23	0.09	0.01	8.00	0.40	0.23	0.03
5.45	0.24	0.10	0.01	8.05	0.41	0.23	0.03
5.50	0.24	0.10	0.01	8.10	0.41	0.24	0.03
5.55	0.24	0.10	0.01	8.15	0.41	0.24	0.03
5.60	0.24	0.10	0.02	8.20	0.42	0.24	0.03
5.65	0.25	0.10	0.02	8.25	0.42	0.25	0.03
5.70	0.25	0.11	0.02	8.30	0.43	0.25	0.03
5.75	0.25	0.11	0.02	8.35	0.43	0.26	0.03
5.80	0.25	0.11	0.02	8.40	0.43	0.26	0.03
5.85	0.26	0.11	0.02	8.45	0.44	0.26	0.03
5.90	0.26	0.11	0.02	8.50	0.44	0.27	0.03
5.95	0.26	0.12	0.02	8.55	0.45	0.27	0.03
6.00	0.27	0.12	0.02	8.60	0.45	0.28	0.03
6.05	0.27	0.12	0.02	8.65	0.46	0.28	0.03
6.10	0.27	0.12	0.02	8.70	0.46	0.28	0.03
6.15	0.27	0.12	0.02	8.75	0.47	0.29	0.03
6.20	0.28	0.13	0.02	8.80	0.47	0.29	0.03
6.25	0.28	0.13	0.02	8.85	0.48	0.30	0.03
6.30	0.28	0.13	0.02	8.90	0.48	0.30	0.03
6.35	0.29	0.13	0.02	8.95	0.48	0.30	0.03
6.40	0.29	0.14	0.02	9.00	0.49	0.31	0.03
6.45	0.29	0.14	0.02	9.05	0.49	0.31	0.03
6.50	0.29	0.14	0.02	9.10	0.50	0.32	0.03
6.55	0.30	0.14	0.02	9.15	0.50	0.32	0.03
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.03
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.04
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.04
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.04
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.04
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.04
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.04
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.04
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.04
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.04
7.10	0.33	0.17	0.02	9.70	0.57	0.38	0.04
7.15	0.34	0.18	0.02	9.75	0.58	0.39	0.05
7.20	0.34	0.18	0.02	9.80	0.58	0.39	0.05
7.25	0.34	0.18	0.02	9.85	0.59	0.40	0.05
7.30	0.35	0.18	0.02	9.90	0.60	0.41	0.05
7.35	0.35	0.19	0.02	9.95	0.60	0.41	0.05
7.40	0.35	0.19	0.02	10.00	0.61	0.42	0.05
7.45	0.36	0.19	0.02	10.05	0.62	0.43	0.05
7.50	0.36	0.20	0.02	10.10	0.63	0.43	0.05
7.55	0.37	0.20	0.02	10.15	0.63	0.44	0.05
7.60	0.37	0.20	0.02	10.20	0.64	0.45	0.05
7.65	0.37	0.21	0.02	10.25	0.65	0.46	0.06
7.70	0.38	0.21	0.02	10.30	0.66	0.46	0.06
7.75	0.38	0.21	0.03	10.35	0.67	0.47	0.06

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.06	13.00	2.55	2.32	0.13
10.45	0.68	0.49	0.06	13.05	2.56	2.33	0.12
10.50	0.69	0.49	0.06	13.10	2.57	2.34	0.12
10.55	0.70	0.50	0.06	13.15	2.58	2.36	0.11
10.60	0.71	0.51	0.06	13.20	2.60	2.37	0.10
10.65	0.72	0.52	0.07	13.25	2.61	2.38	0.10
10.70	0.73	0.53	0.07	13.30	2.62	2.39	0.10
10.75	0.74	0.54	0.07	13.35	2.63	2.40	0.09
10.80	0.75	0.55	0.08	13.40	2.64	2.41	0.09
10.85	0.77	0.57	0.08	13.45	2.65	2.42	0.08
10.90	0.78	0.58	0.08	13.50	2.66	2.43	0.08
10.95	0.79	0.59	0.09	13.55	2.67	2.44	0.08
11.00	0.80	0.60	0.09	13.60	2.68	2.45	0.07
11.05	0.82	0.62	0.09	13.65	2.68	2.45	0.07
11.10	0.83	0.63	0.10	13.70	2.69	2.46	0.07
11.15	0.85	0.65	0.11	13.75	2.70	2.47	0.07
11.20	0.87	0.66	0.11	13.80	2.71	2.48	0.06
11.25	0.89	0.68	0.12	13.85	2.72	2.49	0.06
11.30	0.91	0.70	0.13	13.90	2.72	2.49	0.06
11.35	0.93	0.72	0.13	13.95	2.73	2.50	0.06
11.40	0.95	0.74	0.14	14.00	2.74	2.51	0.06
11.45	0.97	0.76	0.15	14.05	2.75	2.52	0.06
11.50	0.99	0.78	0.15	14.10	2.75	2.52	0.06
11.55	1.02	0.81	0.16	14.15	2.76	2.53	0.06
11.60	1.06	0.85	0.18	14.20	2.77	2.54	0.06
11.65	1.09	0.88	0.21	14.25	2.77	2.54	0.05
11.70	1.13	0.92	0.24	14.30	2.78	2.55	0.05
11.75	1.18	0.96	0.26	14.35	2.79	2.56	0.05
11.80	1.23	1.01	0.29	14.40	2.79	2.56	0.05
11.85	1.29	1.08	0.33	14.45	2.80	2.57	0.05
11.90	1.36	1.14	0.38	14.50	2.81	2.58	0.05
11.95	1.48	1.26	0.45	14.55	2.81	2.58	0.05
12.00	1.60	1.38	0.57	14.60	2.82	2.59	0.05
12.05	1.79	1.57	0.73	14.65	2.82	2.59	0.05
12.10	1.99	1.76	0.95	14.70	2.83	2.60	0.05
12.15	2.06	1.83	1.15	14.75	2.84	2.60	0.05
12.20	2.12	1.90	1.12	14.80	2.84	2.61	0.04
12.25	2.17	1.95	0.89	14.85	2.85	2.61	0.04
12.30	2.22	1.99	0.67	14.90	2.85	2.62	0.04
12.35	2.26	2.03	0.53	14.95	2.86	2.62	0.04
12.40	2.29	2.06	0.43	15.00	2.86	2.63	0.04
12.45	2.33	2.10	0.36	15.05	2.87	2.63	0.04
12.50	2.36	2.13	0.31	15.10	2.87	2.64	0.04
12.55	2.38	2.15	0.28	15.15	2.87	2.64	0.04
12.60	2.40	2.18	0.25	15.20	2.88	2.65	0.04
12.65	2.42	2.20	0.22	15.25	2.88	2.65	0.04
12.70	2.44	2.22	0.19	15.30	2.89	2.66	0.04
12.75	2.46	2.23	0.17	15.35	2.89	2.66	0.04
12.80	2.48	2.25	0.16	15.40	2.90	2.67	0.04
12.85	2.50	2.27	0.15	15.45	2.90	2.67	0.04
12.90	2.52	2.29	0.15	15.50	2.91	2.68	0.03
12.95	2.53	2.30	0.14	15.55	2.91	2.68	0.03

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.03	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.03	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.03	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.03	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.03	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.03	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.03	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.03	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.03	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.03	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.03	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.03	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.03	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.03	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.03	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.03	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.03	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.03	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.03	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.03	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.03	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.03	19.25	3.15	2.92	0.02
16.70	3.00	2.77	0.03	19.30	3.15	2.92	0.02
16.75	3.01	2.77	0.03	19.35	3.15	2.92	0.02
16.80	3.01	2.78	0.03	19.40	3.16	2.92	0.02
16.85	3.01	2.78	0.03	19.45	3.16	2.93	0.02
16.90	3.02	2.78	0.03	19.50	3.16	2.93	0.02
16.95	3.02	2.79	0.03	19.55	3.16	2.93	0.02
17.00	3.02	2.79	0.03	19.60	3.17	2.93	0.02
17.05	3.03	2.79	0.03	19.65	3.17	2.94	0.02
17.10	3.03	2.80	0.03	19.70	3.17	2.94	0.02
17.15	3.03	2.80	0.03	19.75	3.17	2.94	0.02
17.20	3.04	2.80	0.03	19.80	3.18	2.94	0.02
17.25	3.04	2.81	0.03	19.85	3.18	2.95	0.02
17.30	3.04	2.81	0.03	19.90	3.18	2.95	0.02
17.35	3.05	2.81	0.03	19.95	3.18	2.95	0.02
17.40	3.05	2.82	0.03	20.00	3.19	2.95	0.02
17.45	3.05	2.82	0.02	20.05	3.19	2.96	0.02
17.50	3.06	2.82	0.02	20.10	3.19	2.96	0.02
17.55	3.06	2.83	0.02	20.15	3.19	2.96	0.02
17.60	3.06	2.83	0.02	20.20	3.20	2.96	0.02
17.65	3.06	2.83	0.02	20.25	3.20	2.97	0.02
17.70	3.07	2.84	0.02	20.30	3.20	2.97	0.02
17.75	3.07	2.84	0.02	20.35	3.20	2.97	0.02
17.80	3.07	2.84	0.02	20.40	3.20	2.97	0.02
17.85	3.08	2.84	0.02	20.45	3.21	2.97	0.02
17.90	3.08	2.85	0.02	20.50	3.21	2.98	0.02
17.95	3.08	2.85	0.02	20.55	3.21	2.98	0.02
18.00	3.08	2.85	0.02	20.60	3.21	2.98	0.02
18.05	3.09	2.86	0.02	20.65	3.22	2.98	0.02
18.10	3.09	2.86	0.02	20.70	3.22	2.99	0.02
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.02

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.02	23.40	3.33	3.10	0.01
20.85	3.23	2.99	0.02	23.45	3.33	3.10	0.01
20.90	3.23	2.99	0.02	23.50	3.33	3.10	0.01
20.95	3.23	3.00	0.02	23.55	3.33	3.10	0.01
21.00	3.23	3.00	0.02	23.60	3.34	3.10	0.01
21.05	3.23	3.00	0.02	23.65	3.34	3.10	0.01
21.10	3.24	3.00	0.02	23.70	3.34	3.11	0.01
21.15	3.24	3.01	0.02	23.75	3.34	3.11	0.01
21.20	3.24	3.01	0.02	23.80	3.34	3.11	0.01
21.25	3.24	3.01	0.02	23.85	3.34	3.11	0.01
21.30	3.24	3.01	0.02	23.90	3.35	3.11	0.01
21.35	3.25	3.01	0.02	23.95	3.35	3.11	0.01
21.40	3.25	3.02	0.02	24.00	3.35	3.12	0.01
21.45	3.25	3.02	0.02	24.05	3.35	3.12	0.01
21.50	3.25	3.02	0.02	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.02	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.02	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.02	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.02	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.02	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.02	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.02	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.02	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.02	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.02	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.02	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.02	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.02	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.02	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.02	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.02	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.02	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.02	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.02	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.02	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.02	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.02	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.02	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.02	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.02	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.01	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.01	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.01	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.01	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.01	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.01	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.01	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.01	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.01	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.01	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.01	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.01	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 1.17 cfs @ 12.18 hrs, Volume= 0.091 af, Depth= 1.14"
 Routed to Pond B-32 : Basin #32

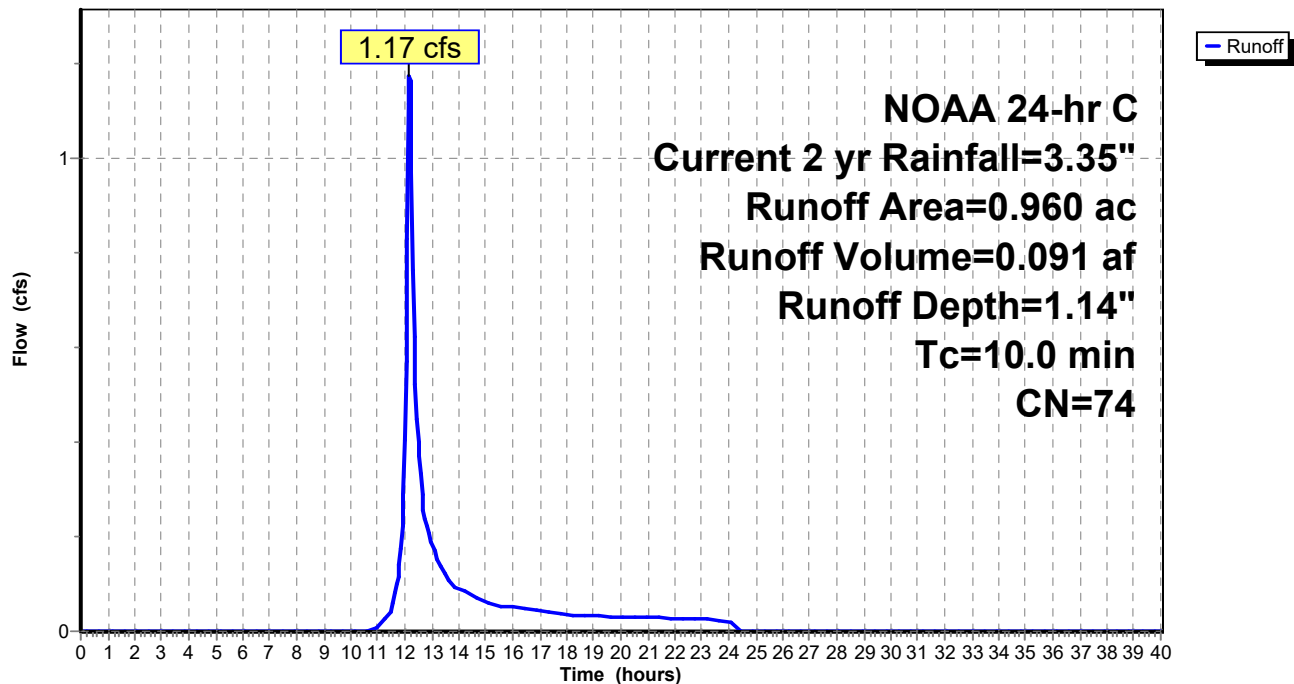
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

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

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

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

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.18
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.18
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.17
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.16
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.15
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.14
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.14
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.13
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.13
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.12
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.12
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.11
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.11
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.10
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.10
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.10
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.09
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.09
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.09
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.09
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.09
11.45	0.97	0.02	0.04	14.05	2.75	0.75	0.09
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.09
11.55	1.02	0.03	0.05	14.15	2.76	0.76	0.09
11.60	1.06	0.03	0.06	14.20	2.77	0.76	0.08
11.65	1.09	0.04	0.08	14.25	2.77	0.77	0.08
11.70	1.13	0.05	0.10	14.30	2.78	0.77	0.08
11.75	1.18	0.06	0.12	14.35	2.79	0.78	0.08
11.80	1.23	0.07	0.14	14.40	2.79	0.78	0.08
11.85	1.29	0.09	0.18	14.45	2.80	0.78	0.08
11.90	1.36	0.10	0.22	14.50	2.81	0.79	0.08
11.95	1.48	0.14	0.29	14.55	2.81	0.79	0.07
12.00	1.60	0.18	0.40	14.60	2.82	0.80	0.07
12.05	1.79	0.26	0.57	14.65	2.82	0.80	0.07
12.10	1.99	0.34	0.83	14.70	2.83	0.80	0.07
12.15	2.06	0.38	1.12	14.75	2.84	0.81	0.07
12.20	2.12	0.41	1.16	14.80	2.84	0.81	0.07
12.25	2.17	0.43	0.97	14.85	2.85	0.81	0.07
12.30	2.22	0.46	0.76	14.90	2.85	0.82	0.06
12.35	2.26	0.48	0.62	14.95	2.86	0.82	0.06
12.40	2.29	0.50	0.52	15.00	2.86	0.82	0.06
12.45	2.33	0.51	0.45	15.05	2.87	0.82	0.06
12.50	2.36	0.53	0.40	15.10	2.87	0.83	0.06
12.55	2.38	0.54	0.37	15.15	2.87	0.83	0.06
12.60	2.40	0.55	0.33	15.20	2.88	0.83	0.06
12.65	2.42	0.57	0.29	15.25	2.88	0.84	0.06
12.70	2.44	0.58	0.26	15.30	2.89	0.84	0.06
12.75	2.46	0.59	0.24	15.35	2.89	0.84	0.06
12.80	2.48	0.60	0.22	15.40	2.90	0.84	0.05
12.85	2.50	0.61	0.21	15.45	2.90	0.85	0.05
12.90	2.52	0.62	0.20	15.50	2.91	0.85	0.05
12.95	2.53	0.63	0.19	15.55	2.91	0.85	0.05

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.05	18.20	3.10	0.97	0.03
15.65	2.92	0.86	0.05	18.25	3.10	0.97	0.03
15.70	2.92	0.86	0.05	18.30	3.10	0.97	0.03
15.75	2.93	0.86	0.05	18.35	3.10	0.97	0.03
15.80	2.93	0.87	0.05	18.40	3.11	0.98	0.03
15.85	2.94	0.87	0.05	18.45	3.11	0.98	0.03
15.90	2.94	0.87	0.05	18.50	3.11	0.98	0.03
15.95	2.94	0.87	0.05	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.05	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.05	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.05	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.05	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.05	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.05	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.05	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.05	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.05	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.05	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.05	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.05	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.05	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.05	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.05	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.05	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.04	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.04	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.04	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.04	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.04	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.04	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.04	19.70	3.17	1.02	0.03
17.15	3.03	0.93	0.04	19.75	3.17	1.02	0.03
17.20	3.04	0.93	0.04	19.80	3.18	1.02	0.03
17.25	3.04	0.93	0.04	19.85	3.18	1.02	0.03
17.30	3.04	0.94	0.04	19.90	3.18	1.03	0.03
17.35	3.05	0.94	0.04	19.95	3.18	1.03	0.03
17.40	3.05	0.94	0.04	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.04	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.04	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.04	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.04	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.04	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.04	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.04	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.04	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.04	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.04	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.04	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.04	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.03	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.03	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.03	20.75	3.22	1.05	0.03

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.03	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.03	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.03	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.03	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.03	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.03	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.03	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.03	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.03	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.03	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.03	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.03	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.03	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.03	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.03	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.03	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.03	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.03	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.03	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

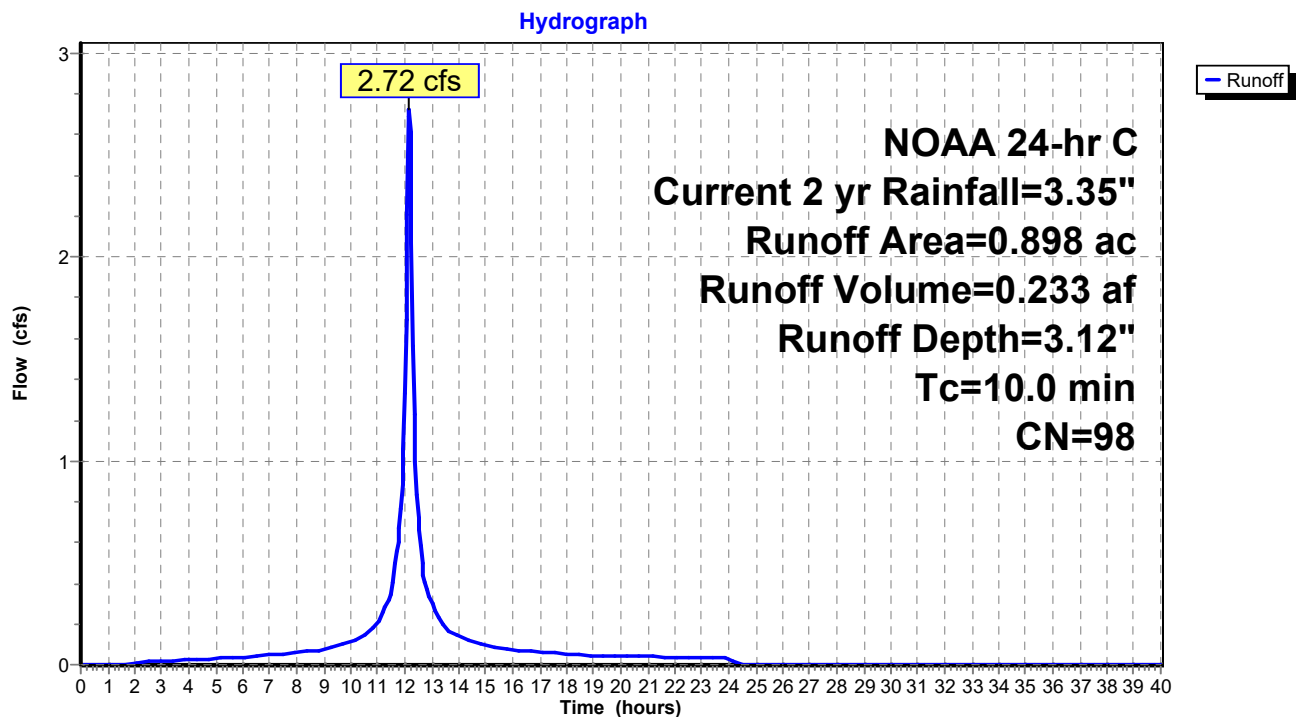
Runoff = 2.72 cfs @ 12.17 hrs, Volume= 0.233 af, Depth= 3.12"
Routed to Pond B-33 : Basin #33

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

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

Subcatchment 33I: PDA-33 (impervious)



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

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

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.04	8.25	0.42	0.25	0.07
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.07
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.07
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.08
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.08
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.05	9.30	0.52	0.34	0.09
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.09
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.09
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.09
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.10
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.10
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.10
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.10
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.11
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.11
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.11
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.11
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.11
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.12
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.12
7.50	0.36	0.20	0.06	10.10	0.63	0.43	0.12
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.12
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.13
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.13
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.13
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.13

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.13	13.00	2.55	2.32	0.31
10.45	0.68	0.49	0.14	13.05	2.56	2.33	0.29
10.50	0.69	0.49	0.14	13.10	2.57	2.34	0.27
10.55	0.70	0.50	0.14	13.15	2.58	2.36	0.26
10.60	0.71	0.51	0.15	13.20	2.60	2.37	0.24
10.65	0.72	0.52	0.15	13.25	2.61	2.38	0.23
10.70	0.73	0.53	0.16	13.30	2.62	2.39	0.22
10.75	0.74	0.54	0.17	13.35	2.63	2.40	0.21
10.80	0.75	0.55	0.18	13.40	2.64	2.41	0.21
10.85	0.77	0.57	0.19	13.45	2.65	2.42	0.20
10.90	0.78	0.58	0.19	13.50	2.66	2.43	0.19
10.95	0.79	0.59	0.20	13.55	2.67	2.44	0.18
11.00	0.80	0.60	0.21	13.60	2.68	2.45	0.17
11.05	0.82	0.62	0.22	13.65	2.68	2.45	0.16
11.10	0.83	0.63	0.23	13.70	2.69	2.46	0.16
11.15	0.85	0.65	0.25	13.75	2.70	2.47	0.15
11.20	0.87	0.66	0.26	13.80	2.71	2.48	0.15
11.25	0.89	0.68	0.28	13.85	2.72	2.49	0.15
11.30	0.91	0.70	0.29	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.31	13.95	2.73	2.50	0.14
11.40	0.95	0.74	0.32	14.00	2.74	2.51	0.14
11.45	0.97	0.76	0.34	14.05	2.75	2.52	0.14
11.50	0.99	0.78	0.35	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.38	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.43	14.20	2.77	2.54	0.13
11.65	1.09	0.88	0.50	14.25	2.77	2.54	0.13
11.70	1.13	0.92	0.56	14.30	2.78	2.55	0.13
11.75	1.18	0.96	0.60	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.67	14.40	2.79	2.56	0.12
11.85	1.29	1.08	0.76	14.45	2.80	2.57	0.12
11.90	1.36	1.14	0.89	14.50	2.81	2.58	0.12
11.95	1.48	1.26	1.06	14.55	2.81	2.58	0.11
12.00	1.60	1.38	1.33	14.60	2.82	2.59	0.11
12.05	1.79	1.57	1.69	14.65	2.82	2.59	0.11
12.10	1.99	1.76	2.20	14.70	2.83	2.60	0.11
12.15	2.06	1.83	2.68	14.75	2.84	2.60	0.11
12.20	2.12	1.90	2.61	14.80	2.84	2.61	0.10
12.25	2.17	1.95	2.07	14.85	2.85	2.61	0.10
12.30	2.22	1.99	1.56	14.90	2.85	2.62	0.10
12.35	2.26	2.03	1.22	14.95	2.86	2.62	0.10
12.40	2.29	2.06	0.99	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.83	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.72	15.10	2.87	2.64	0.09
12.55	2.38	2.15	0.66	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.58	15.20	2.88	2.65	0.09
12.65	2.42	2.20	0.50	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.44	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.40	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.38	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.36	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.34	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.32	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.08	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.05
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.05
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.05
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.06	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 1.06 cfs @ 12.18 hrs, Volume= 0.082 af, Depth= 1.14"
 Routed to Pond B-33 : Basin #33

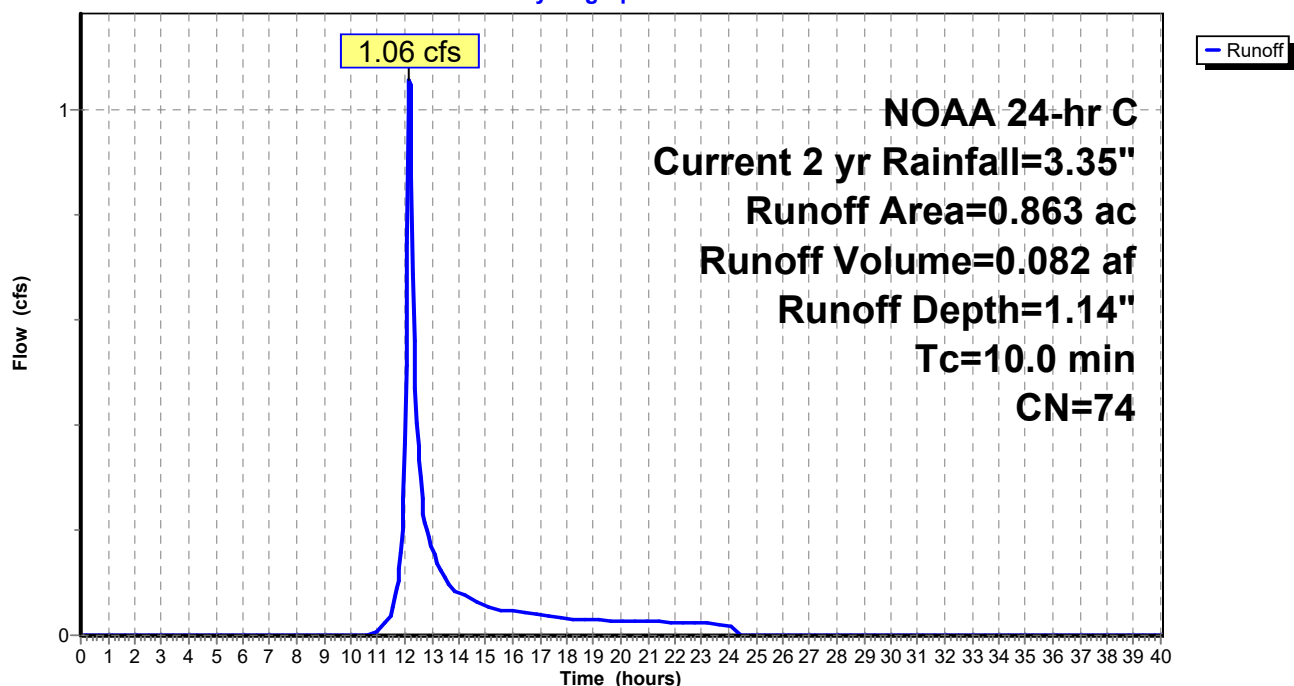
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

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

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

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

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.17
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.16
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.15
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.14
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.13
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.13
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.12
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.12
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.11
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.11
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.11
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.10
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.10
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.09
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.09
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.09
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.09
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.08
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.08
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.08
11.40	0.95	0.02	0.03	14.00	2.74	0.75	0.08
11.45	0.97	0.02	0.04	14.05	2.75	0.75	0.08
11.50	0.99	0.02	0.04	14.10	2.75	0.76	0.08
11.55	1.02	0.03	0.05	14.15	2.76	0.76	0.08
11.60	1.06	0.03	0.06	14.20	2.77	0.76	0.08
11.65	1.09	0.04	0.07	14.25	2.77	0.77	0.07
11.70	1.13	0.05	0.09	14.30	2.78	0.77	0.07
11.75	1.18	0.06	0.10	14.35	2.79	0.78	0.07
11.80	1.23	0.07	0.13	14.40	2.79	0.78	0.07
11.85	1.29	0.09	0.16	14.45	2.80	0.78	0.07
11.90	1.36	0.10	0.20	14.50	2.81	0.79	0.07
11.95	1.48	0.14	0.26	14.55	2.81	0.79	0.07
12.00	1.60	0.18	0.36	14.60	2.82	0.80	0.07
12.05	1.79	0.26	0.51	14.65	2.82	0.80	0.06
12.10	1.99	0.34	0.75	14.70	2.83	0.80	0.06
12.15	2.06	0.38	1.00	14.75	2.84	0.81	0.06
12.20	2.12	0.41	1.05	14.80	2.84	0.81	0.06
12.25	2.17	0.43	0.87	14.85	2.85	0.81	0.06
12.30	2.22	0.46	0.69	14.90	2.85	0.82	0.06
12.35	2.26	0.48	0.56	14.95	2.86	0.82	0.06
12.40	2.29	0.50	0.47	15.00	2.86	0.82	0.06
12.45	2.33	0.51	0.40	15.05	2.87	0.82	0.05
12.50	2.36	0.53	0.36	15.10	2.87	0.83	0.05
12.55	2.38	0.54	0.33	15.15	2.87	0.83	0.05
12.60	2.40	0.55	0.30	15.20	2.88	0.83	0.05
12.65	2.42	0.57	0.26	15.25	2.88	0.84	0.05
12.70	2.44	0.58	0.23	15.30	2.89	0.84	0.05
12.75	2.46	0.59	0.21	15.35	2.89	0.84	0.05
12.80	2.48	0.60	0.20	15.40	2.90	0.84	0.05
12.85	2.50	0.61	0.19	15.45	2.90	0.85	0.05
12.90	2.52	0.62	0.18	15.50	2.91	0.85	0.05
12.95	2.53	0.63	0.17	15.55	2.91	0.85	0.05

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.05	18.20	3.10	0.97	0.03
15.65	2.92	0.86	0.05	18.25	3.10	0.97	0.03
15.70	2.92	0.86	0.05	18.30	3.10	0.97	0.03
15.75	2.93	0.86	0.05	18.35	3.10	0.97	0.03
15.80	2.93	0.87	0.05	18.40	3.11	0.98	0.03
15.85	2.94	0.87	0.05	18.45	3.11	0.98	0.03
15.90	2.94	0.87	0.05	18.50	3.11	0.98	0.03
15.95	2.94	0.87	0.05	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.05	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.05	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.04	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.04	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.04	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.04	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.04	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.04	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.04	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.04	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.04	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.04	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.04	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.04	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.04	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.04	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.04	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.04	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.04	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.04	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.04	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.04	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.04	19.70	3.17	1.02	0.03
17.15	3.03	0.93	0.04	19.75	3.17	1.02	0.03
17.20	3.04	0.93	0.04	19.80	3.18	1.02	0.03
17.25	3.04	0.93	0.04	19.85	3.18	1.02	0.03
17.30	3.04	0.94	0.04	19.90	3.18	1.03	0.03
17.35	3.05	0.94	0.04	19.95	3.18	1.03	0.03
17.40	3.05	0.94	0.04	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.04	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.04	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.03	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.03	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.03	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.03	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.03	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.03	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.03	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.03	20.75	3.22	1.05	0.03

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 1.28 cfs @ 12.17 hrs, Volume= 0.109 af, Depth= 3.12"
 Routed to Pond B-34 : Basin #34

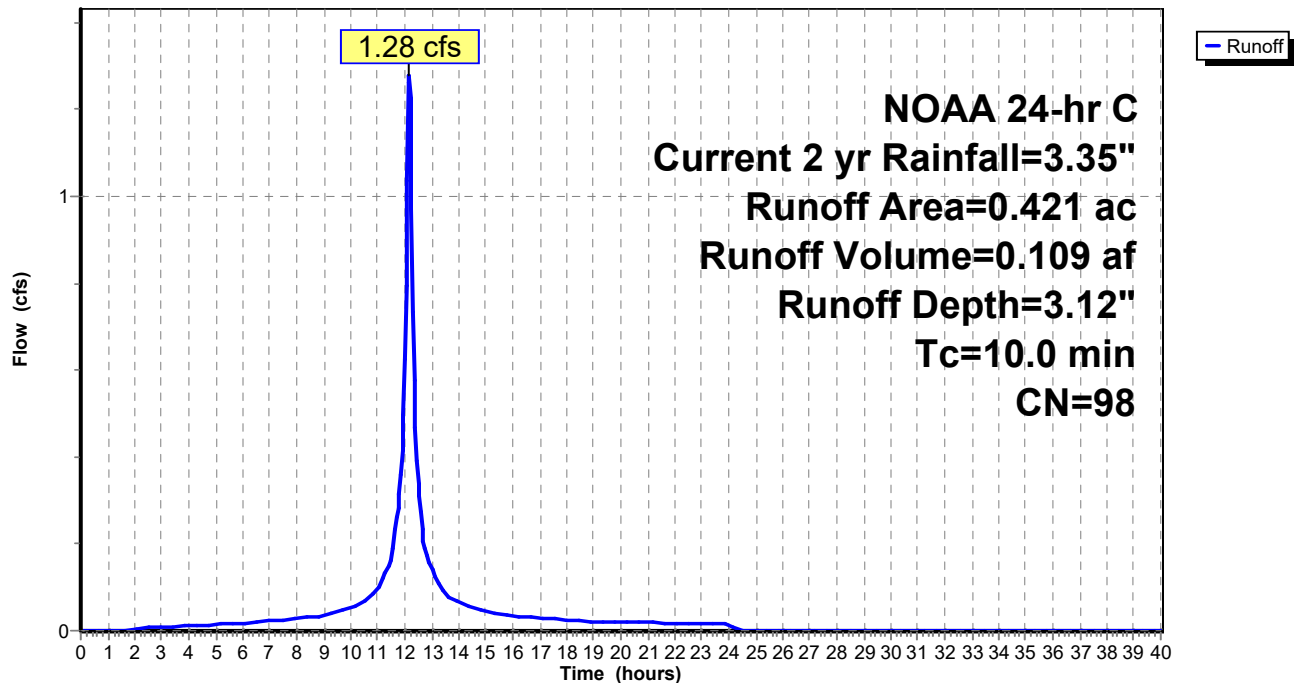
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

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

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

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

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.02	7.80	0.39	0.22	0.03
5.25	0.23	0.09	0.02	7.85	0.39	0.22	0.03
5.30	0.23	0.09	0.02	7.90	0.39	0.22	0.03
5.35	0.23	0.09	0.02	7.95	0.40	0.23	0.03
5.40	0.23	0.09	0.02	8.00	0.40	0.23	0.03
5.45	0.24	0.10	0.02	8.05	0.41	0.23	0.03
5.50	0.24	0.10	0.02	8.10	0.41	0.24	0.03
5.55	0.24	0.10	0.02	8.15	0.41	0.24	0.03
5.60	0.24	0.10	0.02	8.20	0.42	0.24	0.03
5.65	0.25	0.10	0.02	8.25	0.42	0.25	0.03
5.70	0.25	0.11	0.02	8.30	0.43	0.25	0.03
5.75	0.25	0.11	0.02	8.35	0.43	0.26	0.03
5.80	0.25	0.11	0.02	8.40	0.43	0.26	0.03
5.85	0.26	0.11	0.02	8.45	0.44	0.26	0.03
5.90	0.26	0.11	0.02	8.50	0.44	0.27	0.03
5.95	0.26	0.12	0.02	8.55	0.45	0.27	0.03
6.00	0.27	0.12	0.02	8.60	0.45	0.28	0.03
6.05	0.27	0.12	0.02	8.65	0.46	0.28	0.03
6.10	0.27	0.12	0.02	8.70	0.46	0.28	0.03
6.15	0.27	0.12	0.02	8.75	0.47	0.29	0.03
6.20	0.28	0.13	0.02	8.80	0.47	0.29	0.03
6.25	0.28	0.13	0.02	8.85	0.48	0.30	0.03
6.30	0.28	0.13	0.02	8.90	0.48	0.30	0.03
6.35	0.29	0.13	0.02	8.95	0.48	0.30	0.03
6.40	0.29	0.14	0.02	9.00	0.49	0.31	0.04
6.45	0.29	0.14	0.02	9.05	0.49	0.31	0.04
6.50	0.29	0.14	0.02	9.10	0.50	0.32	0.04
6.55	0.30	0.14	0.02	9.15	0.50	0.32	0.04
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.04
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.04
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.04
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.04
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.04
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.04
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.04
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.05
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.05
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.05
7.10	0.33	0.17	0.02	9.70	0.57	0.38	0.05
7.15	0.34	0.18	0.02	9.75	0.58	0.39	0.05
7.20	0.34	0.18	0.02	9.80	0.58	0.39	0.05
7.25	0.34	0.18	0.02	9.85	0.59	0.40	0.05
7.30	0.35	0.18	0.02	9.90	0.60	0.41	0.05
7.35	0.35	0.19	0.02	9.95	0.60	0.41	0.05
7.40	0.35	0.19	0.03	10.00	0.61	0.42	0.05
7.45	0.36	0.19	0.03	10.05	0.62	0.43	0.06
7.50	0.36	0.20	0.03	10.10	0.63	0.43	0.06
7.55	0.37	0.20	0.03	10.15	0.63	0.44	0.06
7.60	0.37	0.20	0.03	10.20	0.64	0.45	0.06
7.65	0.37	0.21	0.03	10.25	0.65	0.46	0.06
7.70	0.38	0.21	0.03	10.30	0.66	0.46	0.06
7.75	0.38	0.21	0.03	10.35	0.67	0.47	0.06

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.06	13.00	2.55	2.32	0.14
10.45	0.68	0.49	0.06	13.05	2.56	2.33	0.14
10.50	0.69	0.49	0.07	13.10	2.57	2.34	0.13
10.55	0.70	0.50	0.07	13.15	2.58	2.36	0.12
10.60	0.71	0.51	0.07	13.20	2.60	2.37	0.11
10.65	0.72	0.52	0.07	13.25	2.61	2.38	0.11
10.70	0.73	0.53	0.08	13.30	2.62	2.39	0.10
10.75	0.74	0.54	0.08	13.35	2.63	2.40	0.10
10.80	0.75	0.55	0.08	13.40	2.64	2.41	0.10
10.85	0.77	0.57	0.09	13.45	2.65	2.42	0.09
10.90	0.78	0.58	0.09	13.50	2.66	2.43	0.09
10.95	0.79	0.59	0.10	13.55	2.67	2.44	0.08
11.00	0.80	0.60	0.10	13.60	2.68	2.45	0.08
11.05	0.82	0.62	0.10	13.65	2.68	2.45	0.08
11.10	0.83	0.63	0.11	13.70	2.69	2.46	0.07
11.15	0.85	0.65	0.12	13.75	2.70	2.47	0.07
11.20	0.87	0.66	0.12	13.80	2.71	2.48	0.07
11.25	0.89	0.68	0.13	13.85	2.72	2.49	0.07
11.30	0.91	0.70	0.14	13.90	2.72	2.49	0.07
11.35	0.93	0.72	0.14	13.95	2.73	2.50	0.07
11.40	0.95	0.74	0.15	14.00	2.74	2.51	0.07
11.45	0.97	0.76	0.16	14.05	2.75	2.52	0.06
11.50	0.99	0.78	0.17	14.10	2.75	2.52	0.06
11.55	1.02	0.81	0.18	14.15	2.76	2.53	0.06
11.60	1.06	0.85	0.20	14.20	2.77	2.54	0.06
11.65	1.09	0.88	0.23	14.25	2.77	2.54	0.06
11.70	1.13	0.92	0.26	14.30	2.78	2.55	0.06
11.75	1.18	0.96	0.28	14.35	2.79	2.56	0.06
11.80	1.23	1.01	0.31	14.40	2.79	2.56	0.06
11.85	1.29	1.08	0.36	14.45	2.80	2.57	0.06
11.90	1.36	1.14	0.42	14.50	2.81	2.58	0.05
11.95	1.48	1.26	0.50	14.55	2.81	2.58	0.05
12.00	1.60	1.38	0.62	14.60	2.82	2.59	0.05
12.05	1.79	1.57	0.79	14.65	2.82	2.59	0.05
12.10	1.99	1.76	1.03	14.70	2.83	2.60	0.05
12.15	2.06	1.83	1.26	14.75	2.84	2.60	0.05
12.20	2.12	1.90	1.22	14.80	2.84	2.61	0.05
12.25	2.17	1.95	0.97	14.85	2.85	2.61	0.05
12.30	2.22	1.99	0.73	14.90	2.85	2.62	0.05
12.35	2.26	2.03	0.57	14.95	2.86	2.62	0.05
12.40	2.29	2.06	0.47	15.00	2.86	2.63	0.04
12.45	2.33	2.10	0.39	15.05	2.87	2.63	0.04
12.50	2.36	2.13	0.34	15.10	2.87	2.64	0.04
12.55	2.38	2.15	0.31	15.15	2.87	2.64	0.04
12.60	2.40	2.18	0.27	15.20	2.88	2.65	0.04
12.65	2.42	2.20	0.23	15.25	2.88	2.65	0.04
12.70	2.44	2.22	0.21	15.30	2.89	2.66	0.04
12.75	2.46	2.23	0.19	15.35	2.89	2.66	0.04
12.80	2.48	2.25	0.18	15.40	2.90	2.67	0.04
12.85	2.50	2.27	0.17	15.45	2.90	2.67	0.04
12.90	2.52	2.29	0.16	15.50	2.91	2.68	0.04
12.95	2.53	2.30	0.15	15.55	2.91	2.68	0.04

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.04	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.04	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.04	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.04	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.04	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.04	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.04	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.04	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.04	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.03	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.03	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.03	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.03	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.03	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.03	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.03	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.03	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.03	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.03	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.03	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.03	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.03	19.25	3.15	2.92	0.02
16.70	3.00	2.77	0.03	19.30	3.15	2.92	0.02
16.75	3.01	2.77	0.03	19.35	3.15	2.92	0.02
16.80	3.01	2.78	0.03	19.40	3.16	2.92	0.02
16.85	3.01	2.78	0.03	19.45	3.16	2.93	0.02
16.90	3.02	2.78	0.03	19.50	3.16	2.93	0.02
16.95	3.02	2.79	0.03	19.55	3.16	2.93	0.02
17.00	3.02	2.79	0.03	19.60	3.17	2.93	0.02
17.05	3.03	2.79	0.03	19.65	3.17	2.94	0.02
17.10	3.03	2.80	0.03	19.70	3.17	2.94	0.02
17.15	3.03	2.80	0.03	19.75	3.17	2.94	0.02
17.20	3.04	2.80	0.03	19.80	3.18	2.94	0.02
17.25	3.04	2.81	0.03	19.85	3.18	2.95	0.02
17.30	3.04	2.81	0.03	19.90	3.18	2.95	0.02
17.35	3.05	2.81	0.03	19.95	3.18	2.95	0.02
17.40	3.05	2.82	0.03	20.00	3.19	2.95	0.02
17.45	3.05	2.82	0.03	20.05	3.19	2.96	0.02
17.50	3.06	2.82	0.03	20.10	3.19	2.96	0.02
17.55	3.06	2.83	0.03	20.15	3.19	2.96	0.02
17.60	3.06	2.83	0.03	20.20	3.20	2.96	0.02
17.65	3.06	2.83	0.03	20.25	3.20	2.97	0.02
17.70	3.07	2.84	0.03	20.30	3.20	2.97	0.02
17.75	3.07	2.84	0.03	20.35	3.20	2.97	0.02
17.80	3.07	2.84	0.03	20.40	3.20	2.97	0.02
17.85	3.08	2.84	0.02	20.45	3.21	2.97	0.02
17.90	3.08	2.85	0.02	20.50	3.21	2.98	0.02
17.95	3.08	2.85	0.02	20.55	3.21	2.98	0.02
18.00	3.08	2.85	0.02	20.60	3.21	2.98	0.02
18.05	3.09	2.86	0.02	20.65	3.22	2.98	0.02
18.10	3.09	2.86	0.02	20.70	3.22	2.99	0.02
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.02

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.02	23.40	3.33	3.10	0.02
20.85	3.23	2.99	0.02	23.45	3.33	3.10	0.02
20.90	3.23	2.99	0.02	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.02	23.55	3.33	3.10	0.02
21.00	3.23	3.00	0.02	23.60	3.34	3.10	0.02
21.05	3.23	3.00	0.02	23.65	3.34	3.10	0.02
21.10	3.24	3.00	0.02	23.70	3.34	3.11	0.02
21.15	3.24	3.01	0.02	23.75	3.34	3.11	0.02
21.20	3.24	3.01	0.02	23.80	3.34	3.11	0.01
21.25	3.24	3.01	0.02	23.85	3.34	3.11	0.01
21.30	3.24	3.01	0.02	23.90	3.35	3.11	0.01
21.35	3.25	3.01	0.02	23.95	3.35	3.11	0.01
21.40	3.25	3.02	0.02	24.00	3.35	3.12	0.02
21.45	3.25	3.02	0.02	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.02	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.02	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.02	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.02	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.02	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.02	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.02	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.02	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.02	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.02	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.02	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.02	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.02	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.02	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.02	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.02	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.02	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.02	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.02	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.02	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.02	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.02	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.02	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.02	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.02	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.02	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.02	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.02	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.02	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.02	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.02	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.02	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.02	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.02	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.02	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.02	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.02	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.02	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 1.66 cfs @ 12.18 hrs, Volume= 0.129 af, Depth= 1.14"
 Routed to Pond B-34 : Basin #34

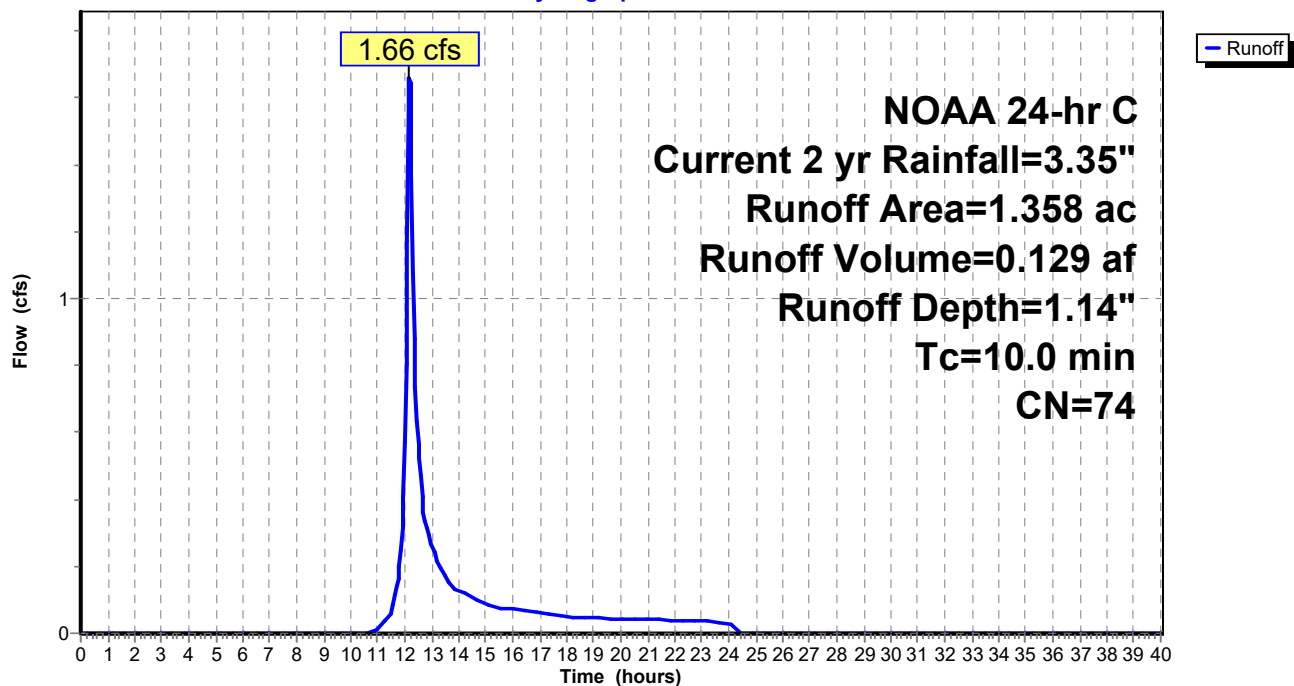
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

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

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

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

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.26
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.25
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.24
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.22
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.21
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.20
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.20
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.19
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.18
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.17
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.17
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.16
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.15
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.15
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.14
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.14
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.13
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.13
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.13
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.13
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.13
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.12
11.50	0.99	0.02	0.06	14.10	2.75	0.76	0.12
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.12
11.60	1.06	0.03	0.09	14.20	2.77	0.76	0.12
11.65	1.09	0.04	0.12	14.25	2.77	0.77	0.12
11.70	1.13	0.05	0.14	14.30	2.78	0.77	0.11
11.75	1.18	0.06	0.17	14.35	2.79	0.78	0.11
11.80	1.23	0.07	0.20	14.40	2.79	0.78	0.11
11.85	1.29	0.09	0.25	14.45	2.80	0.78	0.11
11.90	1.36	0.10	0.32	14.50	2.81	0.79	0.11
11.95	1.48	0.14	0.41	14.55	2.81	0.79	0.11
12.00	1.60	0.18	0.57	14.60	2.82	0.80	0.10
12.05	1.79	0.26	0.81	14.65	2.82	0.80	0.10
12.10	1.99	0.34	1.17	14.70	2.83	0.80	0.10
12.15	2.06	0.38	1.58	14.75	2.84	0.81	0.10
12.20	2.12	0.41	1.65	14.80	2.84	0.81	0.10
12.25	2.17	0.43	1.37	14.85	2.85	0.81	0.09
12.30	2.22	0.46	1.08	14.90	2.85	0.82	0.09
12.35	2.26	0.48	0.88	14.95	2.86	0.82	0.09
12.40	2.29	0.50	0.74	15.00	2.86	0.82	0.09
12.45	2.33	0.51	0.63	15.05	2.87	0.82	0.09
12.50	2.36	0.53	0.56	15.10	2.87	0.83	0.08
12.55	2.38	0.54	0.52	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.47	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.41	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.36	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.33	15.35	2.89	0.84	0.08
12.80	2.48	0.60	0.32	15.40	2.90	0.84	0.08
12.85	2.50	0.61	0.30	15.45	2.90	0.85	0.08
12.90	2.52	0.62	0.29	15.50	2.91	0.85	0.08
12.95	2.53	0.63	0.27	15.55	2.91	0.85	0.08

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.08	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.08	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.07	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.07	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.07	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.07	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.07	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.07	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.07	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.07	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.07	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.06	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.06	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.06	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.06	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.06	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.06	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.05	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.05	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 3.96 cfs @ 12.17 hrs, Volume= 0.339 af, Depth= 3.12"
 Routed to Pond B-35 : Basin #35

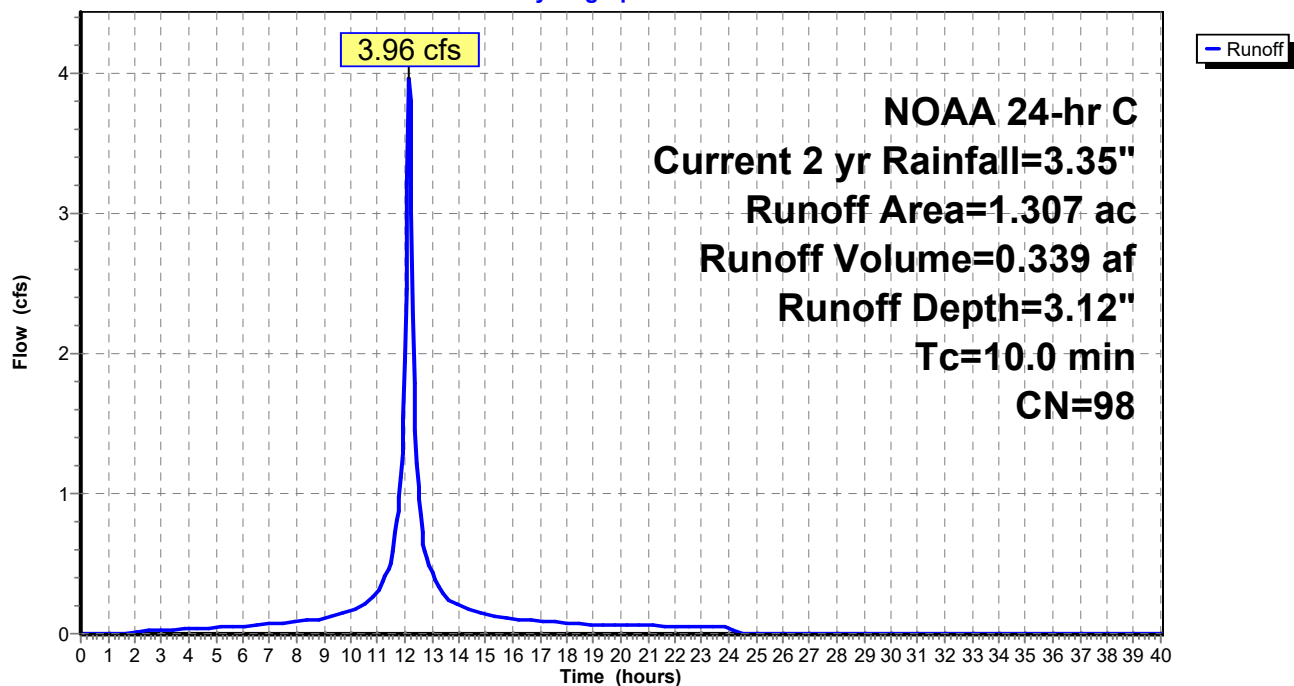
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

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

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

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

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.05	7.80	0.39	0.22	0.09
5.25	0.23	0.09	0.05	7.85	0.39	0.22	0.09
5.30	0.23	0.09	0.05	7.90	0.39	0.22	0.09
5.35	0.23	0.09	0.05	7.95	0.40	0.23	0.09
5.40	0.23	0.09	0.05	8.00	0.40	0.23	0.09
5.45	0.24	0.10	0.05	8.05	0.41	0.23	0.09
5.50	0.24	0.10	0.05	8.10	0.41	0.24	0.09
5.55	0.24	0.10	0.05	8.15	0.41	0.24	0.09
5.60	0.24	0.10	0.05	8.20	0.42	0.24	0.09
5.65	0.25	0.10	0.05	8.25	0.42	0.25	0.09
5.70	0.25	0.11	0.05	8.30	0.43	0.25	0.10
5.75	0.25	0.11	0.05	8.35	0.43	0.26	0.10
5.80	0.25	0.11	0.05	8.40	0.43	0.26	0.10
5.85	0.26	0.11	0.05	8.45	0.44	0.26	0.10
5.90	0.26	0.11	0.05	8.50	0.44	0.27	0.10
5.95	0.26	0.12	0.05	8.55	0.45	0.27	0.10
6.00	0.27	0.12	0.05	8.60	0.45	0.28	0.10
6.05	0.27	0.12	0.05	8.65	0.46	0.28	0.10
6.10	0.27	0.12	0.05	8.70	0.46	0.28	0.10
6.15	0.27	0.12	0.06	8.75	0.47	0.29	0.10
6.20	0.28	0.13	0.06	8.80	0.47	0.29	0.11
6.25	0.28	0.13	0.06	8.85	0.48	0.30	0.11
6.30	0.28	0.13	0.06	8.90	0.48	0.30	0.11
6.35	0.29	0.13	0.06	8.95	0.48	0.30	0.11
6.40	0.29	0.14	0.06	9.00	0.49	0.31	0.11
6.45	0.29	0.14	0.06	9.05	0.49	0.31	0.11
6.50	0.29	0.14	0.06	9.10	0.50	0.32	0.11
6.55	0.30	0.14	0.06	9.15	0.50	0.32	0.11
6.60	0.30	0.15	0.06	9.20	0.51	0.33	0.12
6.65	0.30	0.15	0.06	9.25	0.51	0.33	0.12
6.70	0.31	0.15	0.07	9.30	0.52	0.34	0.12
6.75	0.31	0.15	0.07	9.35	0.53	0.34	0.13
6.80	0.31	0.16	0.07	9.40	0.53	0.35	0.13
6.85	0.32	0.16	0.07	9.45	0.54	0.35	0.13
6.90	0.32	0.16	0.07	9.50	0.54	0.36	0.14
6.95	0.32	0.16	0.07	9.55	0.55	0.36	0.14
7.00	0.33	0.17	0.07	9.60	0.56	0.37	0.14
7.05	0.33	0.17	0.07	9.65	0.56	0.38	0.15
7.10	0.33	0.17	0.07	9.70	0.57	0.38	0.15
7.15	0.34	0.18	0.07	9.75	0.58	0.39	0.15
7.20	0.34	0.18	0.07	9.80	0.58	0.39	0.16
7.25	0.34	0.18	0.08	9.85	0.59	0.40	0.16
7.30	0.35	0.18	0.08	9.90	0.60	0.41	0.16
7.35	0.35	0.19	0.08	9.95	0.60	0.41	0.17
7.40	0.35	0.19	0.08	10.00	0.61	0.42	0.17
7.45	0.36	0.19	0.08	10.05	0.62	0.43	0.17
7.50	0.36	0.20	0.08	10.10	0.63	0.43	0.18
7.55	0.37	0.20	0.08	10.15	0.63	0.44	0.18
7.60	0.37	0.20	0.08	10.20	0.64	0.45	0.18
7.65	0.37	0.21	0.08	10.25	0.65	0.46	0.19
7.70	0.38	0.21	0.08	10.30	0.66	0.46	0.19
7.75	0.38	0.21	0.09	10.35	0.67	0.47	0.19

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.20	13.00	2.55	2.32	0.44
10.45	0.68	0.49	0.20	13.05	2.56	2.33	0.42
10.50	0.69	0.49	0.20	13.10	2.57	2.34	0.40
10.55	0.70	0.50	0.21	13.15	2.58	2.36	0.37
10.60	0.71	0.51	0.21	13.20	2.60	2.37	0.36
10.65	0.72	0.52	0.22	13.25	2.61	2.38	0.34
10.70	0.73	0.53	0.23	13.30	2.62	2.39	0.33
10.75	0.74	0.54	0.25	13.35	2.63	2.40	0.31
10.80	0.75	0.55	0.26	13.40	2.64	2.41	0.30
10.85	0.77	0.57	0.27	13.45	2.65	2.42	0.29
10.90	0.78	0.58	0.28	13.50	2.66	2.43	0.27
10.95	0.79	0.59	0.30	13.55	2.67	2.44	0.26
11.00	0.80	0.60	0.31	13.60	2.68	2.45	0.25
11.05	0.82	0.62	0.32	13.65	2.68	2.45	0.24
11.10	0.83	0.63	0.34	13.70	2.69	2.46	0.23
11.15	0.85	0.65	0.36	13.75	2.70	2.47	0.22
11.20	0.87	0.66	0.38	13.80	2.71	2.48	0.22
11.25	0.89	0.68	0.40	13.85	2.72	2.49	0.21
11.30	0.91	0.70	0.43	13.90	2.72	2.49	0.21
11.35	0.93	0.72	0.45	13.95	2.73	2.50	0.21
11.40	0.95	0.74	0.47	14.00	2.74	2.51	0.20
11.45	0.97	0.76	0.49	14.05	2.75	2.52	0.20
11.50	0.99	0.78	0.52	14.10	2.75	2.52	0.20
11.55	1.02	0.81	0.55	14.15	2.76	2.53	0.19
11.60	1.06	0.85	0.62	14.20	2.77	2.54	0.19
11.65	1.09	0.88	0.72	14.25	2.77	2.54	0.19
11.70	1.13	0.92	0.81	14.30	2.78	2.55	0.18
11.75	1.18	0.96	0.87	14.35	2.79	2.56	0.18
11.80	1.23	1.01	0.97	14.40	2.79	2.56	0.18
11.85	1.29	1.08	1.11	14.45	2.80	2.57	0.17
11.90	1.36	1.14	1.29	14.50	2.81	2.58	0.17
11.95	1.48	1.26	1.54	14.55	2.81	2.58	0.17
12.00	1.60	1.38	1.93	14.60	2.82	2.59	0.16
12.05	1.79	1.57	2.46	14.65	2.82	2.59	0.16
12.10	1.99	1.76	3.21	14.70	2.83	2.60	0.16
12.15	2.06	1.83	3.91	14.75	2.84	2.60	0.15
12.20	2.12	1.90	3.80	14.80	2.84	2.61	0.15
12.25	2.17	1.95	3.01	14.85	2.85	2.61	0.15
12.30	2.22	1.99	2.27	14.90	2.85	2.62	0.14
12.35	2.26	2.03	1.78	14.95	2.86	2.62	0.14
12.40	2.29	2.06	1.45	15.00	2.86	2.63	0.14
12.45	2.33	2.10	1.21	15.05	2.87	2.63	0.13
12.50	2.36	2.13	1.05	15.10	2.87	2.64	0.13
12.55	2.38	2.15	0.96	15.15	2.87	2.64	0.13
12.60	2.40	2.18	0.85	15.20	2.88	2.65	0.12
12.65	2.42	2.20	0.73	15.25	2.88	2.65	0.12
12.70	2.44	2.22	0.64	15.30	2.89	2.66	0.12
12.75	2.46	2.23	0.59	15.35	2.89	2.66	0.12
12.80	2.48	2.25	0.55	15.40	2.90	2.67	0.12
12.85	2.50	2.27	0.52	15.45	2.90	2.67	0.12
12.90	2.52	2.29	0.49	15.50	2.91	2.68	0.12
12.95	2.53	2.30	0.47	15.55	2.91	2.68	0.12

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.12	18.20	3.10	2.86	0.07
15.65	2.92	2.69	0.12	18.25	3.10	2.87	0.07
15.70	2.92	2.69	0.11	18.30	3.10	2.87	0.07
15.75	2.93	2.70	0.11	18.35	3.10	2.87	0.07
15.80	2.93	2.70	0.11	18.40	3.11	2.87	0.07
15.85	2.94	2.70	0.11	18.45	3.11	2.88	0.07
15.90	2.94	2.71	0.11	18.50	3.11	2.88	0.07
15.95	2.94	2.71	0.11	18.55	3.11	2.88	0.07
16.00	2.95	2.72	0.11	18.60	3.12	2.88	0.07
16.05	2.95	2.72	0.11	18.65	3.12	2.89	0.07
16.10	2.96	2.73	0.11	18.70	3.12	2.89	0.07
16.15	2.96	2.73	0.11	18.75	3.12	2.89	0.07
16.20	2.96	2.73	0.11	18.80	3.13	2.89	0.07
16.25	2.97	2.74	0.11	18.85	3.13	2.90	0.07
16.30	2.97	2.74	0.10	18.90	3.13	2.90	0.07
16.35	2.98	2.74	0.10	18.95	3.13	2.90	0.07
16.40	2.98	2.75	0.10	19.00	3.14	2.90	0.07
16.45	2.98	2.75	0.10	19.05	3.14	2.91	0.07
16.50	2.99	2.76	0.10	19.10	3.14	2.91	0.07
16.55	2.99	2.76	0.10	19.15	3.14	2.91	0.07
16.60	3.00	2.76	0.10	19.20	3.15	2.91	0.07
16.65	3.00	2.77	0.10	19.25	3.15	2.92	0.07
16.70	3.00	2.77	0.10	19.30	3.15	2.92	0.07
16.75	3.01	2.77	0.10	19.35	3.15	2.92	0.07
16.80	3.01	2.78	0.10	19.40	3.16	2.92	0.07
16.85	3.01	2.78	0.09	19.45	3.16	2.93	0.07
16.90	3.02	2.78	0.09	19.50	3.16	2.93	0.07
16.95	3.02	2.79	0.09	19.55	3.16	2.93	0.06
17.00	3.02	2.79	0.09	19.60	3.17	2.93	0.06
17.05	3.03	2.79	0.09	19.65	3.17	2.94	0.06
17.10	3.03	2.80	0.09	19.70	3.17	2.94	0.06
17.15	3.03	2.80	0.09	19.75	3.17	2.94	0.06
17.20	3.04	2.80	0.09	19.80	3.18	2.94	0.06
17.25	3.04	2.81	0.09	19.85	3.18	2.95	0.06
17.30	3.04	2.81	0.09	19.90	3.18	2.95	0.06
17.35	3.05	2.81	0.09	19.95	3.18	2.95	0.06
17.40	3.05	2.82	0.08	20.00	3.19	2.95	0.06
17.45	3.05	2.82	0.08	20.05	3.19	2.96	0.06
17.50	3.06	2.82	0.08	20.10	3.19	2.96	0.06
17.55	3.06	2.83	0.08	20.15	3.19	2.96	0.06
17.60	3.06	2.83	0.08	20.20	3.20	2.96	0.06
17.65	3.06	2.83	0.08	20.25	3.20	2.97	0.06
17.70	3.07	2.84	0.08	20.30	3.20	2.97	0.06
17.75	3.07	2.84	0.08	20.35	3.20	2.97	0.06
17.80	3.07	2.84	0.08	20.40	3.20	2.97	0.06
17.85	3.08	2.84	0.08	20.45	3.21	2.97	0.06
17.90	3.08	2.85	0.08	20.50	3.21	2.98	0.06
17.95	3.08	2.85	0.08	20.55	3.21	2.98	0.06
18.00	3.08	2.85	0.07	20.60	3.21	2.98	0.06
18.05	3.09	2.86	0.07	20.65	3.22	2.98	0.06
18.10	3.09	2.86	0.07	20.70	3.22	2.99	0.06
18.15	3.09	2.86	0.07	20.75	3.22	2.99	0.06

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.06	23.40	3.33	3.10	0.05
20.85	3.23	2.99	0.06	23.45	3.33	3.10	0.05
20.90	3.23	2.99	0.06	23.50	3.33	3.10	0.05
20.95	3.23	3.00	0.06	23.55	3.33	3.10	0.05
21.00	3.23	3.00	0.06	23.60	3.34	3.10	0.05
21.05	3.23	3.00	0.06	23.65	3.34	3.10	0.05
21.10	3.24	3.00	0.06	23.70	3.34	3.11	0.05
21.15	3.24	3.01	0.06	23.75	3.34	3.11	0.05
21.20	3.24	3.01	0.06	23.80	3.34	3.11	0.05
21.25	3.24	3.01	0.06	23.85	3.34	3.11	0.05
21.30	3.24	3.01	0.06	23.90	3.35	3.11	0.05
21.35	3.25	3.01	0.06	23.95	3.35	3.11	0.05
21.40	3.25	3.02	0.06	24.00	3.35	3.12	0.05
21.45	3.25	3.02	0.06	24.05	3.35	3.12	0.05
21.50	3.25	3.02	0.06	24.10	3.35	3.12	0.04
21.55	3.26	3.02	0.06	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.06	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.06	24.25	3.35	3.12	0.01
21.70	3.26	3.03	0.06	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.06	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.06	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.06	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.05	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.05	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.05	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.05	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.05	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.05	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.05	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.05	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.05	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.05	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.05	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.05	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.05	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.05	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.05	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.05	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.05	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.05	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.05	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.05	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.05	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.05	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.05	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.05	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.05	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.05	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.05	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.05	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.05	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.05	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 0.80 cfs @ 12.18 hrs, Volume= 0.062 af, Depth= 1.14"
 Routed to Pond B-35 : Basin #35

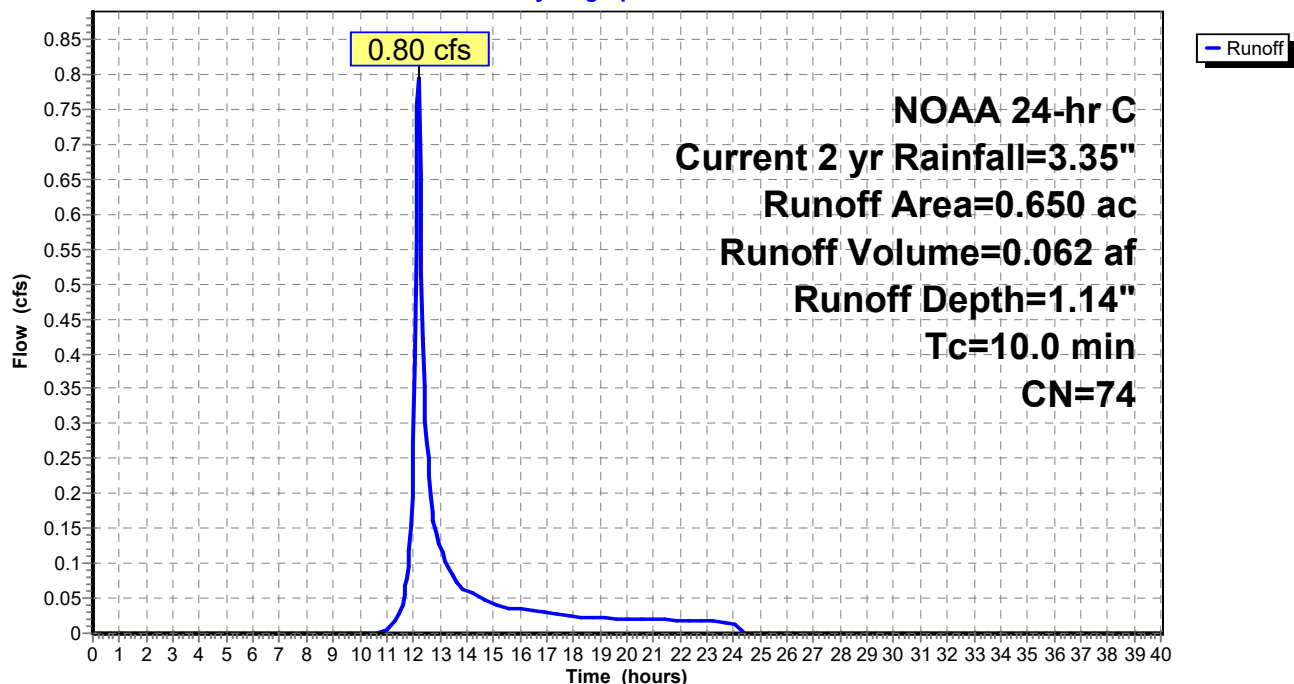
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

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

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

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

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.12
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.12
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.11
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.11
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.10
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.10
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.09
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.09
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.09
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.08
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.08
10.95	0.79	0.00	0.00	13.55	2.67	0.70	0.08
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.07
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.07
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.07
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.07
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.06
11.25	0.89	0.01	0.01	13.85	2.72	0.73	0.06
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.06
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.06
11.40	0.95	0.02	0.02	14.00	2.74	0.75	0.06
11.45	0.97	0.02	0.03	14.05	2.75	0.75	0.06
11.50	0.99	0.02	0.03	14.10	2.75	0.76	0.06
11.55	1.02	0.03	0.04	14.15	2.76	0.76	0.06
11.60	1.06	0.03	0.04	14.20	2.77	0.76	0.06
11.65	1.09	0.04	0.06	14.25	2.77	0.77	0.06
11.70	1.13	0.05	0.07	14.30	2.78	0.77	0.06
11.75	1.18	0.06	0.08	14.35	2.79	0.78	0.05
11.80	1.23	0.07	0.10	14.40	2.79	0.78	0.05
11.85	1.29	0.09	0.12	14.45	2.80	0.78	0.05
11.90	1.36	0.10	0.15	14.50	2.81	0.79	0.05
11.95	1.48	0.14	0.20	14.55	2.81	0.79	0.05
12.00	1.60	0.18	0.27	14.60	2.82	0.80	0.05
12.05	1.79	0.26	0.39	14.65	2.82	0.80	0.05
12.10	1.99	0.34	0.56	14.70	2.83	0.80	0.05
12.15	2.06	0.38	0.76	14.75	2.84	0.81	0.05
12.20	2.12	0.41	0.79	14.80	2.84	0.81	0.05
12.25	2.17	0.43	0.66	14.85	2.85	0.81	0.04
12.30	2.22	0.46	0.52	14.90	2.85	0.82	0.04
12.35	2.26	0.48	0.42	14.95	2.86	0.82	0.04
12.40	2.29	0.50	0.35	15.00	2.86	0.82	0.04
12.45	2.33	0.51	0.30	15.05	2.87	0.82	0.04
12.50	2.36	0.53	0.27	15.10	2.87	0.83	0.04
12.55	2.38	0.54	0.25	15.15	2.87	0.83	0.04
12.60	2.40	0.55	0.22	15.20	2.88	0.83	0.04
12.65	2.42	0.57	0.19	15.25	2.88	0.84	0.04
12.70	2.44	0.58	0.17	15.30	2.89	0.84	0.04
12.75	2.46	0.59	0.16	15.35	2.89	0.84	0.04
12.80	2.48	0.60	0.15	15.40	2.90	0.84	0.04
12.85	2.50	0.61	0.14	15.45	2.90	0.85	0.04
12.90	2.52	0.62	0.14	15.50	2.91	0.85	0.04
12.95	2.53	0.63	0.13	15.55	2.91	0.85	0.04

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.04	18.20	3.10	0.97	0.02
15.65	2.92	0.86	0.04	18.25	3.10	0.97	0.02
15.70	2.92	0.86	0.04	18.30	3.10	0.97	0.02
15.75	2.93	0.86	0.04	18.35	3.10	0.97	0.02
15.80	2.93	0.87	0.04	18.40	3.11	0.98	0.02
15.85	2.94	0.87	0.03	18.45	3.11	0.98	0.02
15.90	2.94	0.87	0.03	18.50	3.11	0.98	0.02
15.95	2.94	0.87	0.03	18.55	3.11	0.98	0.02
16.00	2.95	0.88	0.03	18.60	3.12	0.98	0.02
16.05	2.95	0.88	0.03	18.65	3.12	0.98	0.02
16.10	2.96	0.88	0.03	18.70	3.12	0.99	0.02
16.15	2.96	0.88	0.03	18.75	3.12	0.99	0.02
16.20	2.96	0.89	0.03	18.80	3.13	0.99	0.02
16.25	2.97	0.89	0.03	18.85	3.13	0.99	0.02
16.30	2.97	0.89	0.03	18.90	3.13	0.99	0.02
16.35	2.98	0.89	0.03	18.95	3.13	0.99	0.02
16.40	2.98	0.90	0.03	19.00	3.14	1.00	0.02
16.45	2.98	0.90	0.03	19.05	3.14	1.00	0.02
16.50	2.99	0.90	0.03	19.10	3.14	1.00	0.02
16.55	2.99	0.90	0.03	19.15	3.14	1.00	0.02
16.60	3.00	0.91	0.03	19.20	3.15	1.00	0.02
16.65	3.00	0.91	0.03	19.25	3.15	1.00	0.02
16.70	3.00	0.91	0.03	19.30	3.15	1.01	0.02
16.75	3.01	0.91	0.03	19.35	3.15	1.01	0.02
16.80	3.01	0.91	0.03	19.40	3.16	1.01	0.02
16.85	3.01	0.92	0.03	19.45	3.16	1.01	0.02
16.90	3.02	0.92	0.03	19.50	3.16	1.01	0.02
16.95	3.02	0.92	0.03	19.55	3.16	1.01	0.02
17.00	3.02	0.92	0.03	19.60	3.17	1.02	0.02
17.05	3.03	0.93	0.03	19.65	3.17	1.02	0.02
17.10	3.03	0.93	0.03	19.70	3.17	1.02	0.02
17.15	3.03	0.93	0.03	19.75	3.17	1.02	0.02
17.20	3.04	0.93	0.03	19.80	3.18	1.02	0.02
17.25	3.04	0.93	0.03	19.85	3.18	1.02	0.02
17.30	3.04	0.94	0.03	19.90	3.18	1.03	0.02
17.35	3.05	0.94	0.03	19.95	3.18	1.03	0.02
17.40	3.05	0.94	0.03	20.00	3.19	1.03	0.02
17.45	3.05	0.94	0.03	20.05	3.19	1.03	0.02
17.50	3.06	0.94	0.03	20.10	3.19	1.03	0.02
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.02
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.02
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.02
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.02
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.02
17.80	3.07	0.96	0.02	20.40	3.20	1.04	0.02
17.85	3.08	0.96	0.02	20.45	3.21	1.04	0.02
17.90	3.08	0.96	0.02	20.50	3.21	1.04	0.02
17.95	3.08	0.96	0.02	20.55	3.21	1.05	0.02
18.00	3.08	0.96	0.02	20.60	3.21	1.05	0.02
18.05	3.09	0.96	0.02	20.65	3.22	1.05	0.02
18.10	3.09	0.97	0.02	20.70	3.22	1.05	0.02
18.15	3.09	0.97	0.02	20.75	3.22	1.05	0.02

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.02	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.02	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.02	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.02	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.02	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.02	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.02	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.02	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.02	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.02	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.02	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.02	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.02	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.01
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 36AI: PDA-36A (impervious)

Runoff = 2.92 cfs @ 12.17 hrs, Volume= 0.251 af, Depth= 3.12"
 Routed to Pond B-36A : Basin #36A

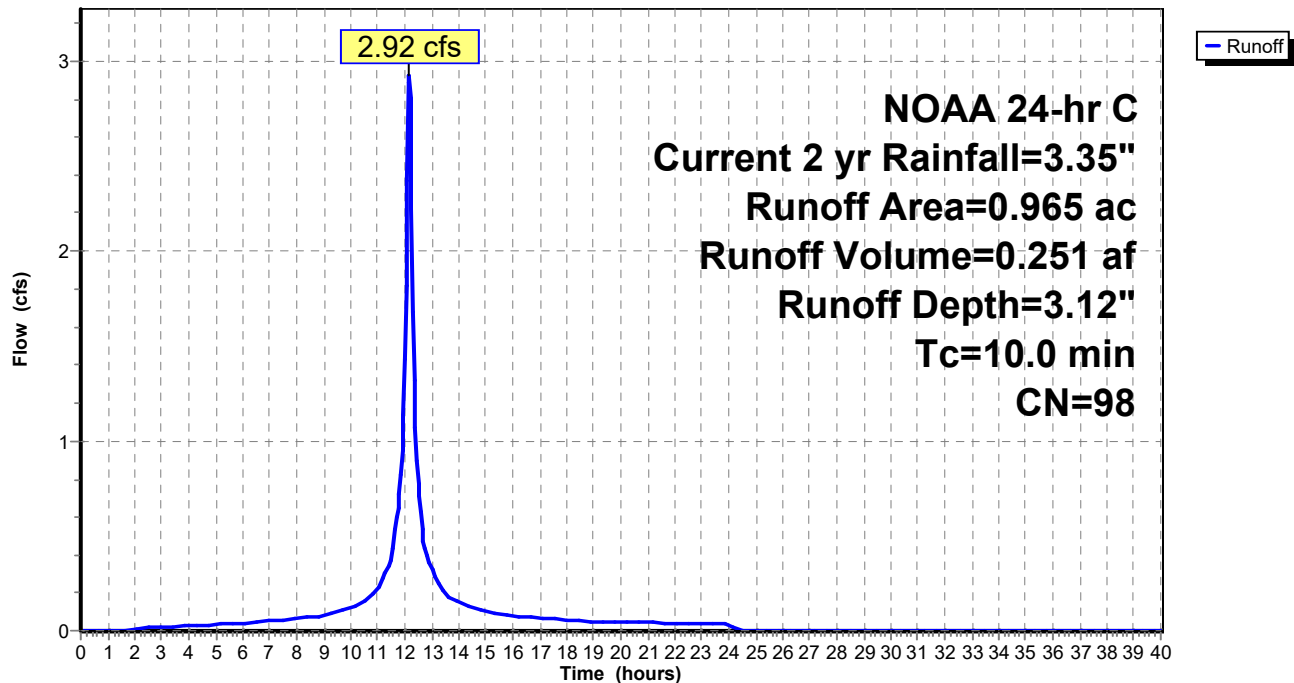
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.132	98	Concrete, HSC C
0.965	98	Weighted Average
0.965		100.00% Impervious Area

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

Subcatchment 36AI: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

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

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.04	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.04	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.04	7.90	0.39	0.22	0.07
5.35	0.23	0.09	0.04	7.95	0.40	0.23	0.07
5.40	0.23	0.09	0.04	8.00	0.40	0.23	0.07
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.07
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.07
5.55	0.24	0.10	0.04	8.15	0.41	0.24	0.07
5.60	0.24	0.10	0.04	8.20	0.42	0.24	0.07
5.65	0.25	0.10	0.04	8.25	0.42	0.25	0.07
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.08
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.08
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.08
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.08
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.08
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.08
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.08
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.08
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.08
6.45	0.29	0.14	0.05	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.05	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.05	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.05	9.20	0.51	0.33	0.09
6.65	0.30	0.15	0.05	9.25	0.51	0.33	0.09
6.70	0.31	0.15	0.05	9.30	0.52	0.34	0.09
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.09
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.10
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.10
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.10
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.10
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.11
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.11
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.11
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.11
7.20	0.34	0.18	0.06	9.80	0.58	0.39	0.12
7.25	0.34	0.18	0.06	9.85	0.59	0.40	0.12
7.30	0.35	0.18	0.06	9.90	0.60	0.41	0.12
7.35	0.35	0.19	0.06	9.95	0.60	0.41	0.12
7.40	0.35	0.19	0.06	10.00	0.61	0.42	0.13
7.45	0.36	0.19	0.06	10.05	0.62	0.43	0.13
7.50	0.36	0.20	0.06	10.10	0.63	0.43	0.13
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.13
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.14
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.14
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.14
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.14

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.14	13.00	2.55	2.32	0.33
10.45	0.68	0.49	0.15	13.05	2.56	2.33	0.31
10.50	0.69	0.49	0.15	13.10	2.57	2.34	0.29
10.55	0.70	0.50	0.15	13.15	2.58	2.36	0.28
10.60	0.71	0.51	0.16	13.20	2.60	2.37	0.26
10.65	0.72	0.52	0.17	13.25	2.61	2.38	0.25
10.70	0.73	0.53	0.17	13.30	2.62	2.39	0.24
10.75	0.74	0.54	0.18	13.35	2.63	2.40	0.23
10.80	0.75	0.55	0.19	13.40	2.64	2.41	0.22
10.85	0.77	0.57	0.20	13.45	2.65	2.42	0.21
10.90	0.78	0.58	0.21	13.50	2.66	2.43	0.20
10.95	0.79	0.59	0.22	13.55	2.67	2.44	0.19
11.00	0.80	0.60	0.23	13.60	2.68	2.45	0.18
11.05	0.82	0.62	0.24	13.65	2.68	2.45	0.17
11.10	0.83	0.63	0.25	13.70	2.69	2.46	0.17
11.15	0.85	0.65	0.26	13.75	2.70	2.47	0.16
11.20	0.87	0.66	0.28	13.80	2.71	2.48	0.16
11.25	0.89	0.68	0.30	13.85	2.72	2.49	0.16
11.30	0.91	0.70	0.31	13.90	2.72	2.49	0.15
11.35	0.93	0.72	0.33	13.95	2.73	2.50	0.15
11.40	0.95	0.74	0.35	14.00	2.74	2.51	0.15
11.45	0.97	0.76	0.37	14.05	2.75	2.52	0.15
11.50	0.99	0.78	0.38	14.10	2.75	2.52	0.14
11.55	1.02	0.81	0.40	14.15	2.76	2.53	0.14
11.60	1.06	0.85	0.46	14.20	2.77	2.54	0.14
11.65	1.09	0.88	0.53	14.25	2.77	2.54	0.14
11.70	1.13	0.92	0.60	14.30	2.78	2.55	0.14
11.75	1.18	0.96	0.64	14.35	2.79	2.56	0.13
11.80	1.23	1.01	0.72	14.40	2.79	2.56	0.13
11.85	1.29	1.08	0.82	14.45	2.80	2.57	0.13
11.90	1.36	1.14	0.95	14.50	2.81	2.58	0.13
11.95	1.48	1.26	1.14	14.55	2.81	2.58	0.12
12.00	1.60	1.38	1.43	14.60	2.82	2.59	0.12
12.05	1.79	1.57	1.82	14.65	2.82	2.59	0.12
12.10	1.99	1.76	2.37	14.70	2.83	2.60	0.12
12.15	2.06	1.83	2.88	14.75	2.84	2.60	0.11
12.20	2.12	1.90	2.81	14.80	2.84	2.61	0.11
12.25	2.17	1.95	2.22	14.85	2.85	2.61	0.11
12.30	2.22	1.99	1.68	14.90	2.85	2.62	0.11
12.35	2.26	2.03	1.32	14.95	2.86	2.62	0.10
12.40	2.29	2.06	1.07	15.00	2.86	2.63	0.10
12.45	2.33	2.10	0.89	15.05	2.87	2.63	0.10
12.50	2.36	2.13	0.78	15.10	2.87	2.64	0.10
12.55	2.38	2.15	0.71	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.63	15.20	2.88	2.65	0.09
12.65	2.42	2.20	0.54	15.25	2.88	2.65	0.09
12.70	2.44	2.22	0.47	15.30	2.89	2.66	0.09
12.75	2.46	2.23	0.43	15.35	2.89	2.66	0.09
12.80	2.48	2.25	0.41	15.40	2.90	2.67	0.09
12.85	2.50	2.27	0.38	15.45	2.90	2.67	0.09
12.90	2.52	2.29	0.36	15.50	2.91	2.68	0.09
12.95	2.53	2.30	0.35	15.55	2.91	2.68	0.09

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.09	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.09	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.08	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.08	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.08	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.08	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.08	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.08	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.08	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.08	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.08	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.05
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.05
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.05
16.85	3.01	2.78	0.07	19.45	3.16	2.93	0.05
16.90	3.02	2.78	0.07	19.50	3.16	2.93	0.05
16.95	3.02	2.79	0.07	19.55	3.16	2.93	0.05
17.00	3.02	2.79	0.07	19.60	3.17	2.93	0.05
17.05	3.03	2.79	0.07	19.65	3.17	2.94	0.05
17.10	3.03	2.80	0.07	19.70	3.17	2.94	0.05
17.15	3.03	2.80	0.07	19.75	3.17	2.94	0.05
17.20	3.04	2.80	0.07	19.80	3.18	2.94	0.05
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.05
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.05
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.05
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.05
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.05
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.05
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.05
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.05
17.65	3.06	2.83	0.06	20.25	3.20	2.97	0.05
17.70	3.07	2.84	0.06	20.30	3.20	2.97	0.05
17.75	3.07	2.84	0.06	20.35	3.20	2.97	0.05
17.80	3.07	2.84	0.06	20.40	3.20	2.97	0.05
17.85	3.08	2.84	0.06	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.06	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.06	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.04
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.04
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.04
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.04
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.04
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.04
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.04	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.04	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.04	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.04	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.04	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.04	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.04	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.04	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.04	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.04	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.04	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.04	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 1.73 cfs @ 12.18 hrs, Volume= 0.134 af, Depth= 1.14"
 Routed to Pond B-36A : Basin #36A

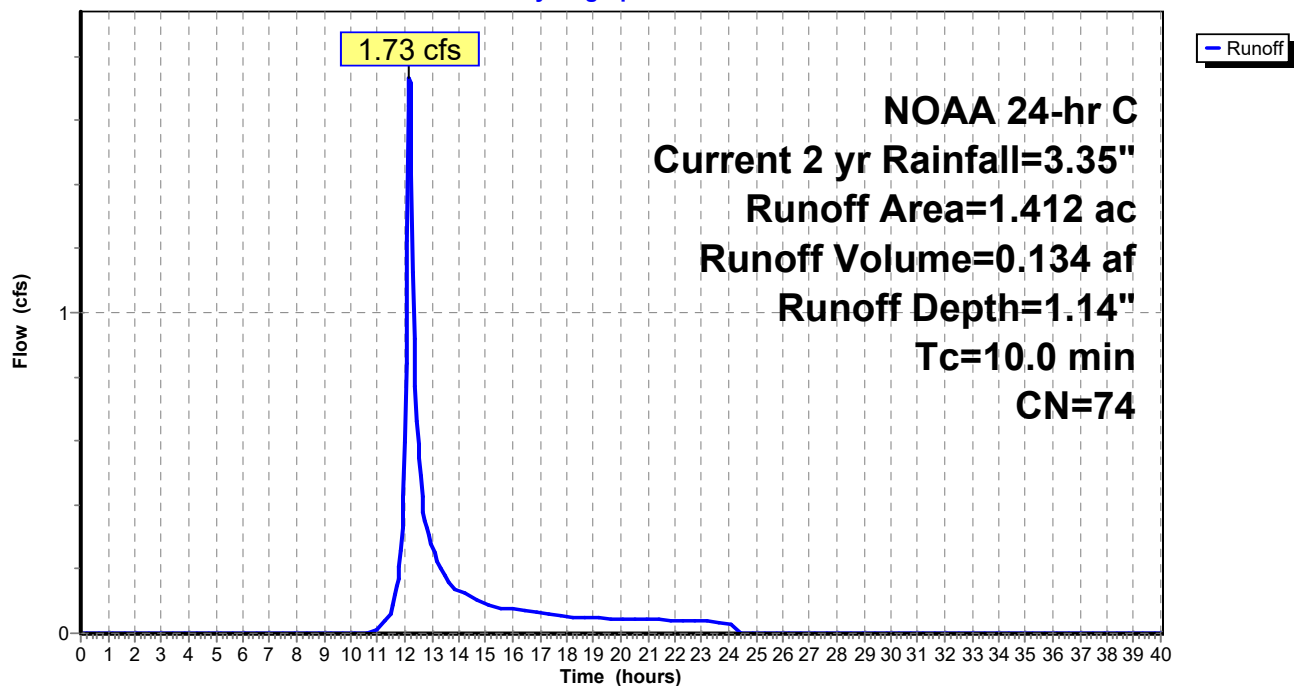
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.412	74	>75% Grass cover, Good, HSG C
1.412		100.00% Pervious Area

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

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

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

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.27
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.26
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.24
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.23
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.22
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.21
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.20
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.20
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.19
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.18
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.17
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.17
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.16
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.15
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.15
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.14
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.14
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.14
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.13
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.13
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.13
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.13
11.50	0.99	0.02	0.07	14.10	2.75	0.76	0.13
11.55	1.02	0.03	0.08	14.15	2.76	0.76	0.13
11.60	1.06	0.03	0.10	14.20	2.77	0.76	0.12
11.65	1.09	0.04	0.12	14.25	2.77	0.77	0.12
11.70	1.13	0.05	0.15	14.30	2.78	0.77	0.12
11.75	1.18	0.06	0.17	14.35	2.79	0.78	0.12
11.80	1.23	0.07	0.21	14.40	2.79	0.78	0.12
11.85	1.29	0.09	0.26	14.45	2.80	0.78	0.11
11.90	1.36	0.10	0.33	14.50	2.81	0.79	0.11
11.95	1.48	0.14	0.43	14.55	2.81	0.79	0.11
12.00	1.60	0.18	0.59	14.60	2.82	0.80	0.11
12.05	1.79	0.26	0.84	14.65	2.82	0.80	0.11
12.10	1.99	0.34	1.22	14.70	2.83	0.80	0.10
12.15	2.06	0.38	1.64	14.75	2.84	0.81	0.10
12.20	2.12	0.41	1.71	14.80	2.84	0.81	0.10
12.25	2.17	0.43	1.43	14.85	2.85	0.81	0.10
12.30	2.22	0.46	1.12	14.90	2.85	0.82	0.10
12.35	2.26	0.48	0.92	14.95	2.86	0.82	0.09
12.40	2.29	0.50	0.77	15.00	2.86	0.82	0.09
12.45	2.33	0.51	0.66	15.05	2.87	0.82	0.09
12.50	2.36	0.53	0.59	15.10	2.87	0.83	0.09
12.55	2.38	0.54	0.54	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.49	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.42	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.38	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.35	15.35	2.89	0.84	0.08
12.80	2.48	0.60	0.33	15.40	2.90	0.84	0.08
12.85	2.50	0.61	0.31	15.45	2.90	0.85	0.08
12.90	2.52	0.62	0.30	15.50	2.91	0.85	0.08
12.95	2.53	0.63	0.28	15.55	2.91	0.85	0.08

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.08	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.08	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.08	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.08	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.08	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.08	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.08	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.07	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.07	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.07	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.07	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.07	19.25	3.15	1.00	0.05
16.70	3.00	0.91	0.07	19.30	3.15	1.01	0.05
16.75	3.01	0.91	0.07	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.07	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.05
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.05
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.05
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.05
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.06	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.06	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.06	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.06	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.06	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.06	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 3.48 cfs @ 12.17 hrs, Volume= 0.298 af, Depth= 3.12"
 Routed to Pond B-36B : Basin #36B

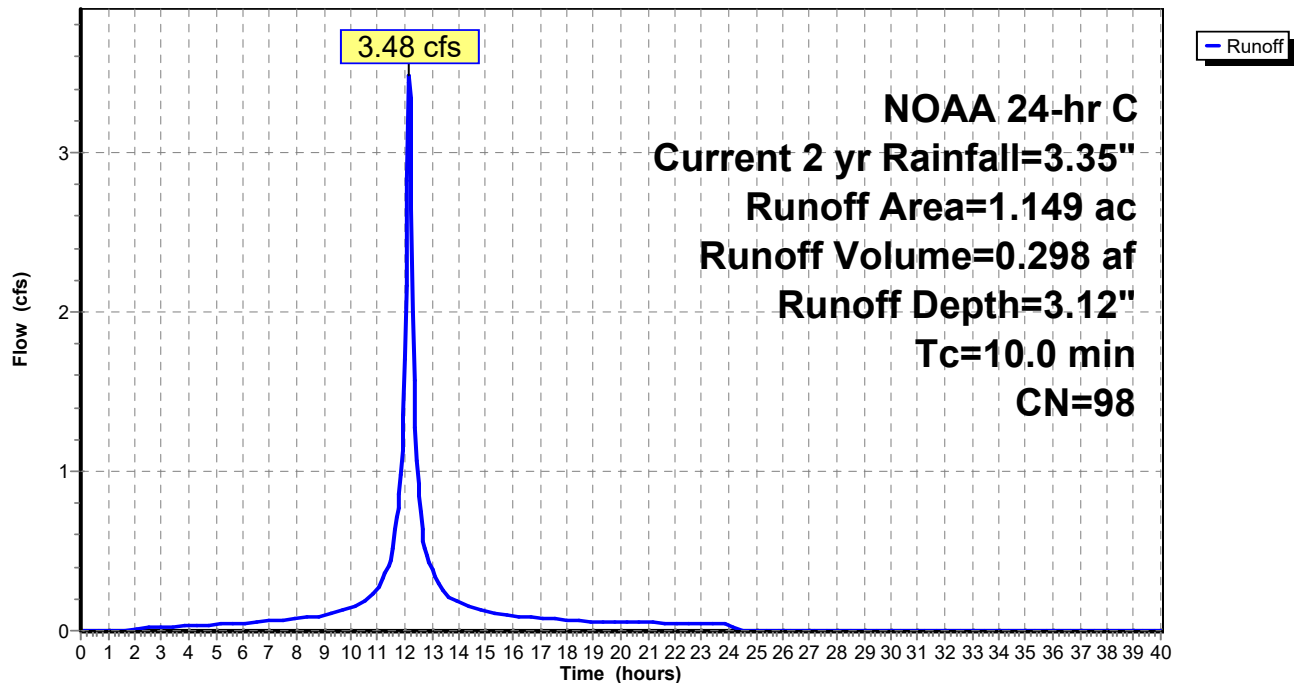
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

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

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

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

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.04	7.80	0.39	0.22	0.08
5.25	0.23	0.09	0.04	7.85	0.39	0.22	0.08
5.30	0.23	0.09	0.04	7.90	0.39	0.22	0.08
5.35	0.23	0.09	0.04	7.95	0.40	0.23	0.08
5.40	0.23	0.09	0.04	8.00	0.40	0.23	0.08
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.08
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.08
5.55	0.24	0.10	0.04	8.15	0.41	0.24	0.08
5.60	0.24	0.10	0.04	8.20	0.42	0.24	0.08
5.65	0.25	0.10	0.05	8.25	0.42	0.25	0.08
5.70	0.25	0.11	0.05	8.30	0.43	0.25	0.08
5.75	0.25	0.11	0.05	8.35	0.43	0.26	0.09
5.80	0.25	0.11	0.05	8.40	0.43	0.26	0.09
5.85	0.26	0.11	0.05	8.45	0.44	0.26	0.09
5.90	0.26	0.11	0.05	8.50	0.44	0.27	0.09
5.95	0.26	0.12	0.05	8.55	0.45	0.27	0.09
6.00	0.27	0.12	0.05	8.60	0.45	0.28	0.09
6.05	0.27	0.12	0.05	8.65	0.46	0.28	0.09
6.10	0.27	0.12	0.05	8.70	0.46	0.28	0.09
6.15	0.27	0.12	0.05	8.75	0.47	0.29	0.09
6.20	0.28	0.13	0.05	8.80	0.47	0.29	0.09
6.25	0.28	0.13	0.05	8.85	0.48	0.30	0.09
6.30	0.28	0.13	0.05	8.90	0.48	0.30	0.09
6.35	0.29	0.13	0.05	8.95	0.48	0.30	0.10
6.40	0.29	0.14	0.05	9.00	0.49	0.31	0.10
6.45	0.29	0.14	0.05	9.05	0.49	0.31	0.10
6.50	0.29	0.14	0.05	9.10	0.50	0.32	0.10
6.55	0.30	0.14	0.06	9.15	0.50	0.32	0.10
6.60	0.30	0.15	0.06	9.20	0.51	0.33	0.10
6.65	0.30	0.15	0.06	9.25	0.51	0.33	0.11
6.70	0.31	0.15	0.06	9.30	0.52	0.34	0.11
6.75	0.31	0.15	0.06	9.35	0.53	0.34	0.11
6.80	0.31	0.16	0.06	9.40	0.53	0.35	0.11
6.85	0.32	0.16	0.06	9.45	0.54	0.35	0.12
6.90	0.32	0.16	0.06	9.50	0.54	0.36	0.12
6.95	0.32	0.16	0.06	9.55	0.55	0.36	0.12
7.00	0.33	0.17	0.06	9.60	0.56	0.37	0.13
7.05	0.33	0.17	0.06	9.65	0.56	0.38	0.13
7.10	0.33	0.17	0.06	9.70	0.57	0.38	0.13
7.15	0.34	0.18	0.07	9.75	0.58	0.39	0.13
7.20	0.34	0.18	0.07	9.80	0.58	0.39	0.14
7.25	0.34	0.18	0.07	9.85	0.59	0.40	0.14
7.30	0.35	0.18	0.07	9.90	0.60	0.41	0.14
7.35	0.35	0.19	0.07	9.95	0.60	0.41	0.15
7.40	0.35	0.19	0.07	10.00	0.61	0.42	0.15
7.45	0.36	0.19	0.07	10.05	0.62	0.43	0.15
7.50	0.36	0.20	0.07	10.10	0.63	0.43	0.15
7.55	0.37	0.20	0.07	10.15	0.63	0.44	0.16
7.60	0.37	0.20	0.07	10.20	0.64	0.45	0.16
7.65	0.37	0.21	0.07	10.25	0.65	0.46	0.16
7.70	0.38	0.21	0.07	10.30	0.66	0.46	0.17
7.75	0.38	0.21	0.07	10.35	0.67	0.47	0.17

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.17	13.00	2.55	2.32	0.39
10.45	0.68	0.49	0.18	13.05	2.56	2.33	0.37
10.50	0.69	0.49	0.18	13.10	2.57	2.34	0.35
10.55	0.70	0.50	0.18	13.15	2.58	2.36	0.33
10.60	0.71	0.51	0.19	13.20	2.60	2.37	0.31
10.65	0.72	0.52	0.20	13.25	2.61	2.38	0.30
10.70	0.73	0.53	0.21	13.30	2.62	2.39	0.29
10.75	0.74	0.54	0.22	13.35	2.63	2.40	0.27
10.80	0.75	0.55	0.23	13.40	2.64	2.41	0.26
10.85	0.77	0.57	0.24	13.45	2.65	2.42	0.25
10.90	0.78	0.58	0.25	13.50	2.66	2.43	0.24
10.95	0.79	0.59	0.26	13.55	2.67	2.44	0.23
11.00	0.80	0.60	0.27	13.60	2.68	2.45	0.22
11.05	0.82	0.62	0.28	13.65	2.68	2.45	0.21
11.10	0.83	0.63	0.30	13.70	2.69	2.46	0.20
11.15	0.85	0.65	0.31	13.75	2.70	2.47	0.19
11.20	0.87	0.66	0.33	13.80	2.71	2.48	0.19
11.25	0.89	0.68	0.35	13.85	2.72	2.49	0.19
11.30	0.91	0.70	0.37	13.90	2.72	2.49	0.18
11.35	0.93	0.72	0.39	13.95	2.73	2.50	0.18
11.40	0.95	0.74	0.41	14.00	2.74	2.51	0.18
11.45	0.97	0.76	0.43	14.05	2.75	2.52	0.18
11.50	0.99	0.78	0.45	14.10	2.75	2.52	0.17
11.55	1.02	0.81	0.48	14.15	2.76	2.53	0.17
11.60	1.06	0.85	0.54	14.20	2.77	2.54	0.17
11.65	1.09	0.88	0.64	14.25	2.77	2.54	0.16
11.70	1.13	0.92	0.71	14.30	2.78	2.55	0.16
11.75	1.18	0.96	0.77	14.35	2.79	2.56	0.16
11.80	1.23	1.01	0.85	14.40	2.79	2.56	0.15
11.85	1.29	1.08	0.97	14.45	2.80	2.57	0.15
11.90	1.36	1.14	1.14	14.50	2.81	2.58	0.15
11.95	1.48	1.26	1.35	14.55	2.81	2.58	0.15
12.00	1.60	1.38	1.70	14.60	2.82	2.59	0.14
12.05	1.79	1.57	2.17	14.65	2.82	2.59	0.14
12.10	1.99	1.76	2.82	14.70	2.83	2.60	0.14
12.15	2.06	1.83	3.43	14.75	2.84	2.60	0.13
12.20	2.12	1.90	3.34	14.80	2.84	2.61	0.13
12.25	2.17	1.95	2.65	14.85	2.85	2.61	0.13
12.30	2.22	1.99	2.00	14.90	2.85	2.62	0.13
12.35	2.26	2.03	1.57	14.95	2.86	2.62	0.12
12.40	2.29	2.06	1.27	15.00	2.86	2.63	0.12
12.45	2.33	2.10	1.06	15.05	2.87	2.63	0.12
12.50	2.36	2.13	0.93	15.10	2.87	2.64	0.11
12.55	2.38	2.15	0.84	15.15	2.87	2.64	0.11
12.60	2.40	2.18	0.75	15.20	2.88	2.65	0.11
12.65	2.42	2.20	0.64	15.25	2.88	2.65	0.11
12.70	2.44	2.22	0.56	15.30	2.89	2.66	0.11
12.75	2.46	2.23	0.52	15.35	2.89	2.66	0.11
12.80	2.48	2.25	0.48	15.40	2.90	2.67	0.11
12.85	2.50	2.27	0.46	15.45	2.90	2.67	0.10
12.90	2.52	2.29	0.43	15.50	2.91	2.68	0.10
12.95	2.53	2.30	0.41	15.55	2.91	2.68	0.10

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.10	18.20	3.10	2.86	0.06
15.65	2.92	2.69	0.10	18.25	3.10	2.87	0.06
15.70	2.92	2.69	0.10	18.30	3.10	2.87	0.06
15.75	2.93	2.70	0.10	18.35	3.10	2.87	0.06
15.80	2.93	2.70	0.10	18.40	3.11	2.87	0.06
15.85	2.94	2.70	0.10	18.45	3.11	2.88	0.06
15.90	2.94	2.71	0.10	18.50	3.11	2.88	0.06
15.95	2.94	2.71	0.10	18.55	3.11	2.88	0.06
16.00	2.95	2.72	0.10	18.60	3.12	2.88	0.06
16.05	2.95	2.72	0.10	18.65	3.12	2.89	0.06
16.10	2.96	2.73	0.09	18.70	3.12	2.89	0.06
16.15	2.96	2.73	0.09	18.75	3.12	2.89	0.06
16.20	2.96	2.73	0.09	18.80	3.13	2.89	0.06
16.25	2.97	2.74	0.09	18.85	3.13	2.90	0.06
16.30	2.97	2.74	0.09	18.90	3.13	2.90	0.06
16.35	2.98	2.74	0.09	18.95	3.13	2.90	0.06
16.40	2.98	2.75	0.09	19.00	3.14	2.90	0.06
16.45	2.98	2.75	0.09	19.05	3.14	2.91	0.06
16.50	2.99	2.76	0.09	19.10	3.14	2.91	0.06
16.55	2.99	2.76	0.09	19.15	3.14	2.91	0.06
16.60	3.00	2.76	0.09	19.20	3.15	2.91	0.06
16.65	3.00	2.77	0.09	19.25	3.15	2.92	0.06
16.70	3.00	2.77	0.09	19.30	3.15	2.92	0.06
16.75	3.01	2.77	0.08	19.35	3.15	2.92	0.06
16.80	3.01	2.78	0.08	19.40	3.16	2.92	0.06
16.85	3.01	2.78	0.08	19.45	3.16	2.93	0.06
16.90	3.02	2.78	0.08	19.50	3.16	2.93	0.06
16.95	3.02	2.79	0.08	19.55	3.16	2.93	0.06
17.00	3.02	2.79	0.08	19.60	3.17	2.93	0.06
17.05	3.03	2.79	0.08	19.65	3.17	2.94	0.06
17.10	3.03	2.80	0.08	19.70	3.17	2.94	0.06
17.15	3.03	2.80	0.08	19.75	3.17	2.94	0.06
17.20	3.04	2.80	0.08	19.80	3.18	2.94	0.06
17.25	3.04	2.81	0.08	19.85	3.18	2.95	0.06
17.30	3.04	2.81	0.08	19.90	3.18	2.95	0.06
17.35	3.05	2.81	0.08	19.95	3.18	2.95	0.06
17.40	3.05	2.82	0.07	20.00	3.19	2.95	0.06
17.45	3.05	2.82	0.07	20.05	3.19	2.96	0.06
17.50	3.06	2.82	0.07	20.10	3.19	2.96	0.05
17.55	3.06	2.83	0.07	20.15	3.19	2.96	0.05
17.60	3.06	2.83	0.07	20.20	3.20	2.96	0.05
17.65	3.06	2.83	0.07	20.25	3.20	2.97	0.05
17.70	3.07	2.84	0.07	20.30	3.20	2.97	0.05
17.75	3.07	2.84	0.07	20.35	3.20	2.97	0.05
17.80	3.07	2.84	0.07	20.40	3.20	2.97	0.05
17.85	3.08	2.84	0.07	20.45	3.21	2.97	0.05
17.90	3.08	2.85	0.07	20.50	3.21	2.98	0.05
17.95	3.08	2.85	0.07	20.55	3.21	2.98	0.05
18.00	3.08	2.85	0.07	20.60	3.21	2.98	0.05
18.05	3.09	2.86	0.06	20.65	3.22	2.98	0.05
18.10	3.09	2.86	0.06	20.70	3.22	2.99	0.05
18.15	3.09	2.86	0.06	20.75	3.22	2.99	0.05

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.05	23.40	3.33	3.10	0.04
20.85	3.23	2.99	0.05	23.45	3.33	3.10	0.04
20.90	3.23	2.99	0.05	23.50	3.33	3.10	0.04
20.95	3.23	3.00	0.05	23.55	3.33	3.10	0.04
21.00	3.23	3.00	0.05	23.60	3.34	3.10	0.04
21.05	3.23	3.00	0.05	23.65	3.34	3.10	0.04
21.10	3.24	3.00	0.05	23.70	3.34	3.11	0.04
21.15	3.24	3.01	0.05	23.75	3.34	3.11	0.04
21.20	3.24	3.01	0.05	23.80	3.34	3.11	0.04
21.25	3.24	3.01	0.05	23.85	3.34	3.11	0.04
21.30	3.24	3.01	0.05	23.90	3.35	3.11	0.04
21.35	3.25	3.01	0.05	23.95	3.35	3.11	0.04
21.40	3.25	3.02	0.05	24.00	3.35	3.12	0.04
21.45	3.25	3.02	0.05	24.05	3.35	3.12	0.04
21.50	3.25	3.02	0.05	24.10	3.35	3.12	0.04
21.55	3.26	3.02	0.05	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.05	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.05	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.05	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.05	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.05	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.05	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.05	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.05	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.05	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.05	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.05	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.05	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.05	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.05	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.05	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.05	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.05	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.05	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.05	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.05	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.05	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.05	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.05	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.04	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.04	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.04	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.04	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.04	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.04	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.04	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.04	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.04	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.04	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.04	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.04	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

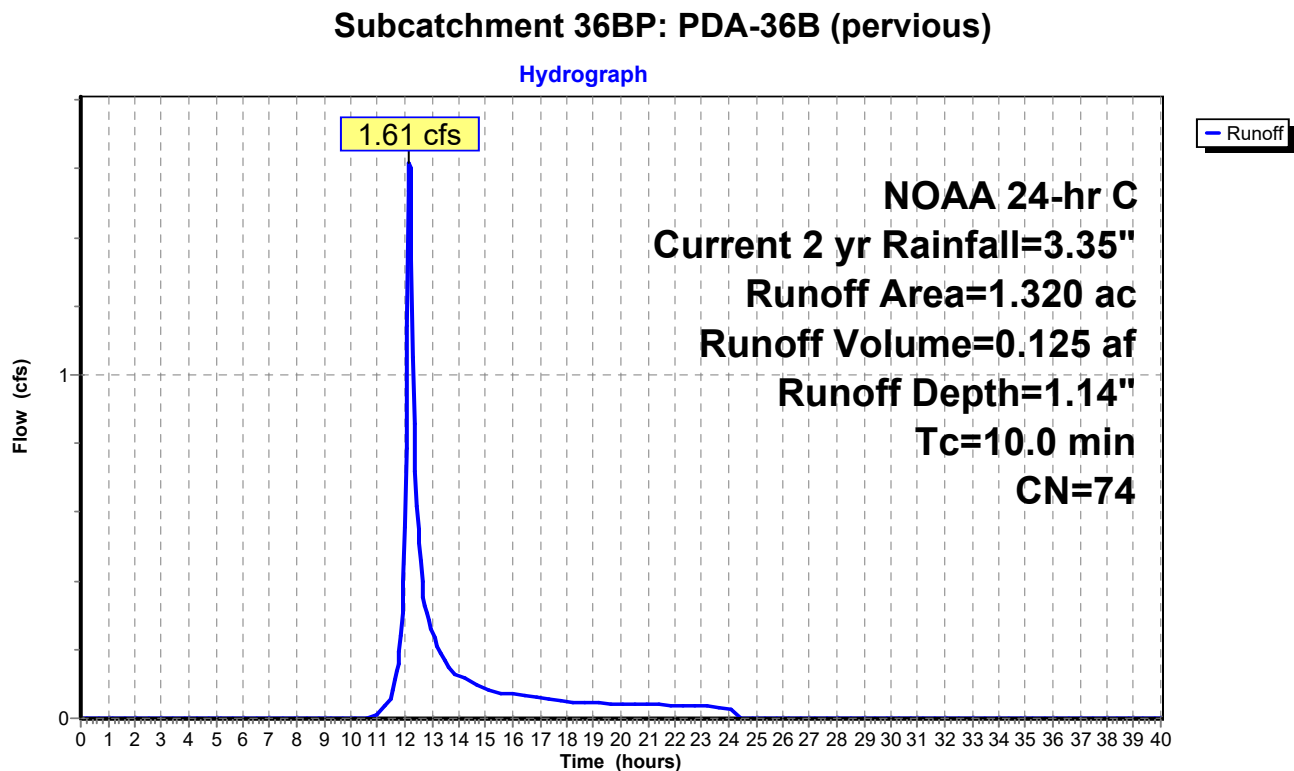
Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 1.61 cfs @ 12.18 hrs, Volume= 0.125 af, Depth= 1.14"
 Routed to Pond B-36B : Basin #36B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

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



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

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

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.25
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.24
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.23
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.22
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.21
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.20
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.19
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.18
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.18
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.17
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.16
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.15
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.15
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.14
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.14
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.13
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.13
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.13
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.13
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.12
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.12
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.12
11.50	0.99	0.02	0.06	14.10	2.75	0.76	0.12
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.12
11.60	1.06	0.03	0.09	14.20	2.77	0.76	0.12
11.65	1.09	0.04	0.11	14.25	2.77	0.77	0.11
11.70	1.13	0.05	0.14	14.30	2.78	0.77	0.11
11.75	1.18	0.06	0.16	14.35	2.79	0.78	0.11
11.80	1.23	0.07	0.19	14.40	2.79	0.78	0.11
11.85	1.29	0.09	0.24	14.45	2.80	0.78	0.11
11.90	1.36	0.10	0.31	14.50	2.81	0.79	0.10
11.95	1.48	0.14	0.40	14.55	2.81	0.79	0.10
12.00	1.60	0.18	0.55	14.60	2.82	0.80	0.10
12.05	1.79	0.26	0.78	14.65	2.82	0.80	0.10
12.10	1.99	0.34	1.14	14.70	2.83	0.80	0.10
12.15	2.06	0.38	1.54	14.75	2.84	0.81	0.09
12.20	2.12	0.41	1.60	14.80	2.84	0.81	0.09
12.25	2.17	0.43	1.33	14.85	2.85	0.81	0.09
12.30	2.22	0.46	1.05	14.90	2.85	0.82	0.09
12.35	2.26	0.48	0.86	14.95	2.86	0.82	0.09
12.40	2.29	0.50	0.72	15.00	2.86	0.82	0.09
12.45	2.33	0.51	0.61	15.05	2.87	0.82	0.08
12.50	2.36	0.53	0.55	15.10	2.87	0.83	0.08
12.55	2.38	0.54	0.51	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.46	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.40	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.35	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.32	15.35	2.89	0.84	0.08
12.80	2.48	0.60	0.31	15.40	2.90	0.84	0.08
12.85	2.50	0.61	0.29	15.45	2.90	0.85	0.07
12.90	2.52	0.62	0.28	15.50	2.91	0.85	0.07
12.95	2.53	0.63	0.27	15.55	2.91	0.85	0.07

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.07	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.07	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.07	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.07	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.07	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.07	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.07	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.04
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.04
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.04
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.04
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.04
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.04
16.45	2.98	0.90	0.06	19.05	3.14	1.00	0.04
16.50	2.99	0.90	0.06	19.10	3.14	1.00	0.04
16.55	2.99	0.90	0.06	19.15	3.14	1.00	0.04
16.60	3.00	0.91	0.06	19.20	3.15	1.00	0.04
16.65	3.00	0.91	0.06	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.06	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.06	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.06	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.05	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.05	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.05	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.05	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.05	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 2.59 cfs @ 12.17 hrs, Volume= 0.222 af, Depth= 3.12"
 Routed to Pond B-37A : Basin #37A

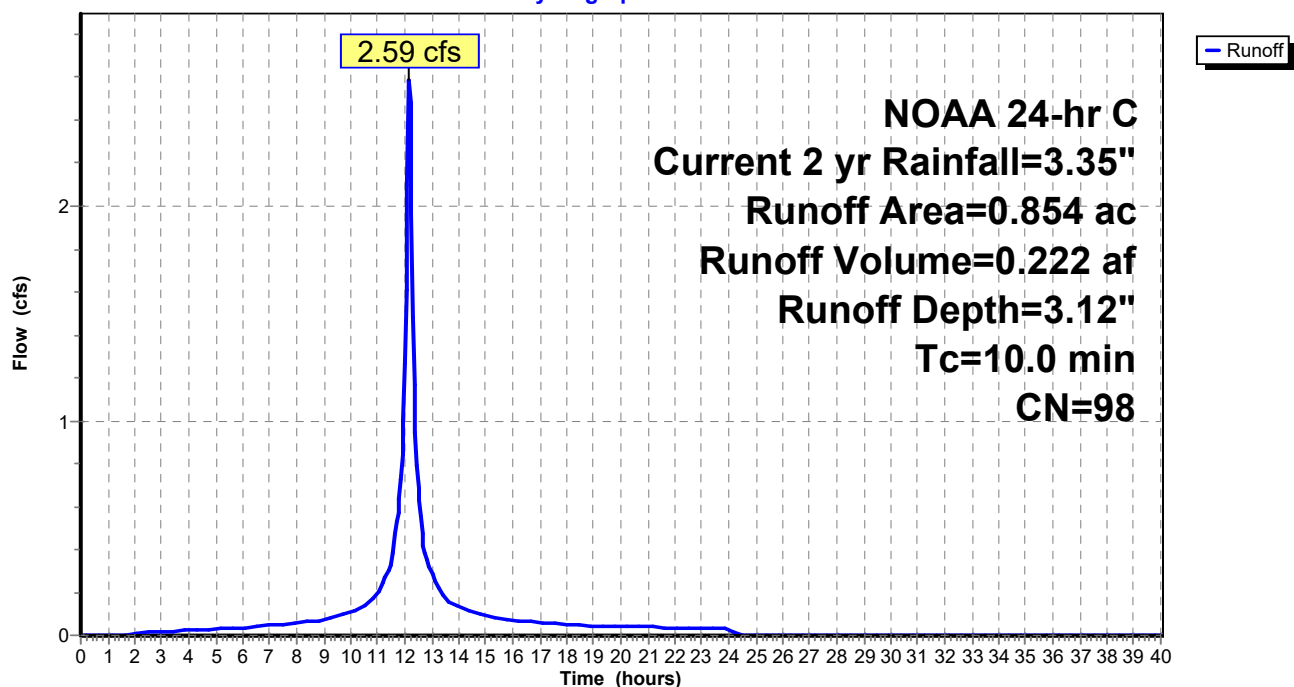
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

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

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

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

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.06
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.06
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.07
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.07
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.07
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.07
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.07
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.08
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.08
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.08
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.09
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.09
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.09
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.09
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.10
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.10
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.10
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.10
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.10
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.11
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.11
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.11
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.11
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.12
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.12
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.12
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.12
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.12
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.13

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.13	13.00	2.55	2.32	0.29
10.45	0.68	0.49	0.13	13.05	2.56	2.33	0.28
10.50	0.69	0.49	0.13	13.10	2.57	2.34	0.26
10.55	0.70	0.50	0.14	13.15	2.58	2.36	0.24
10.60	0.71	0.51	0.14	13.20	2.60	2.37	0.23
10.65	0.72	0.52	0.15	13.25	2.61	2.38	0.22
10.70	0.73	0.53	0.15	13.30	2.62	2.39	0.21
10.75	0.74	0.54	0.16	13.35	2.63	2.40	0.20
10.80	0.75	0.55	0.17	13.40	2.64	2.41	0.20
10.85	0.77	0.57	0.18	13.45	2.65	2.42	0.19
10.90	0.78	0.58	0.18	13.50	2.66	2.43	0.18
10.95	0.79	0.59	0.19	13.55	2.67	2.44	0.17
11.00	0.80	0.60	0.20	13.60	2.68	2.45	0.16
11.05	0.82	0.62	0.21	13.65	2.68	2.45	0.15
11.10	0.83	0.63	0.22	13.70	2.69	2.46	0.15
11.15	0.85	0.65	0.23	13.75	2.70	2.47	0.14
11.20	0.87	0.66	0.25	13.80	2.71	2.48	0.14
11.25	0.89	0.68	0.26	13.85	2.72	2.49	0.14
11.30	0.91	0.70	0.28	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.29	13.95	2.73	2.50	0.13
11.40	0.95	0.74	0.31	14.00	2.74	2.51	0.13
11.45	0.97	0.76	0.32	14.05	2.75	2.52	0.13
11.50	0.99	0.78	0.34	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.36	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.40	14.20	2.77	2.54	0.12
11.65	1.09	0.88	0.47	14.25	2.77	2.54	0.12
11.70	1.13	0.92	0.53	14.30	2.78	2.55	0.12
11.75	1.18	0.96	0.57	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.63	14.40	2.79	2.56	0.12
11.85	1.29	1.08	0.72	14.45	2.80	2.57	0.11
11.90	1.36	1.14	0.84	14.50	2.81	2.58	0.11
11.95	1.48	1.26	1.01	14.55	2.81	2.58	0.11
12.00	1.60	1.38	1.26	14.60	2.82	2.59	0.11
12.05	1.79	1.57	1.61	14.65	2.82	2.59	0.10
12.10	1.99	1.76	2.09	14.70	2.83	2.60	0.10
12.15	2.06	1.83	2.55	14.75	2.84	2.60	0.10
12.20	2.12	1.90	2.48	14.80	2.84	2.61	0.10
12.25	2.17	1.95	1.97	14.85	2.85	2.61	0.10
12.30	2.22	1.99	1.48	14.90	2.85	2.62	0.09
12.35	2.26	2.03	1.16	14.95	2.86	2.62	0.09
12.40	2.29	2.06	0.94	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.79	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.69	15.10	2.87	2.64	0.08
12.55	2.38	2.15	0.63	15.15	2.87	2.64	0.08
12.60	2.40	2.18	0.56	15.20	2.88	2.65	0.08
12.65	2.42	2.20	0.48	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.42	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.38	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.36	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.34	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.32	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.31	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.07	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.07	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.07	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.07	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.07	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.07	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.07	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.06	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.06	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.06	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 1.59 cfs @ 12.18 hrs, Volume= 0.123 af, Depth= 1.14"
 Routed to Pond B-37A : Basin #37A

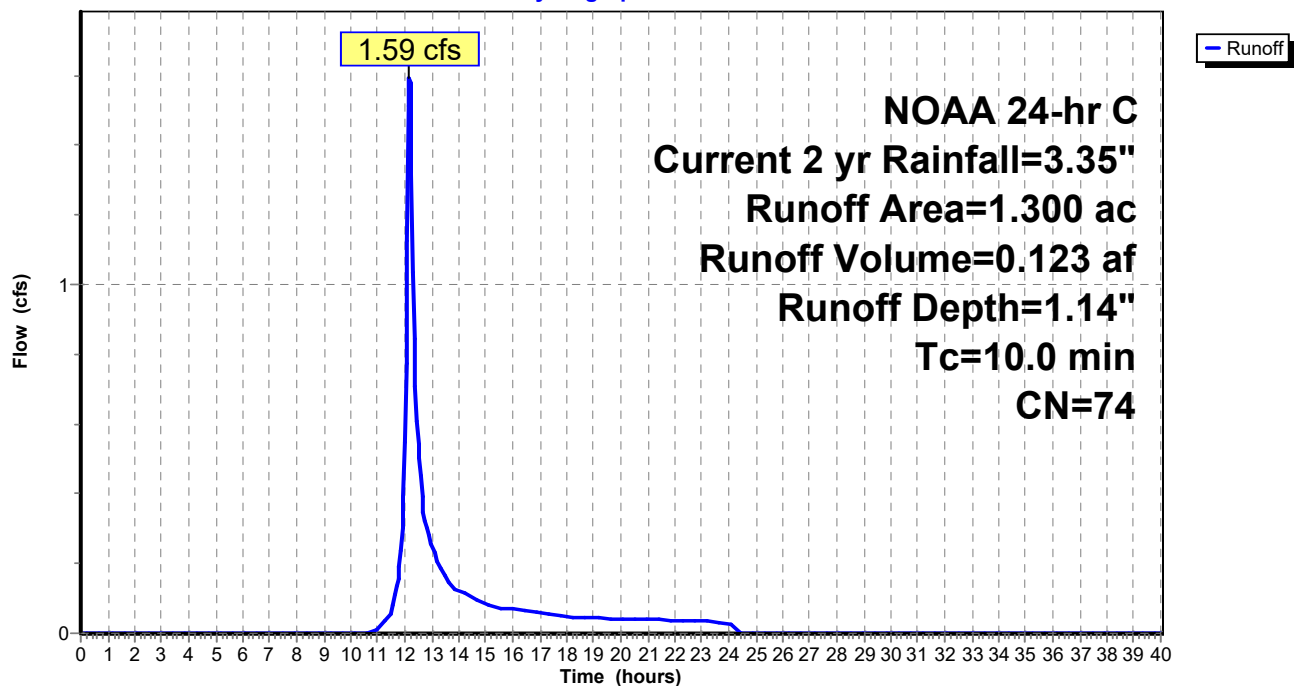
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

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

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

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

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.25
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.24
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.23
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.21
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.20
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.19
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.19
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.18
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.17
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.17
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.16
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.15
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.15
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.14
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.13
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.13
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.13
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.13
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.12
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.12
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.12
11.45	0.97	0.02	0.05	14.05	2.75	0.75	0.12
11.50	0.99	0.02	0.06	14.10	2.75	0.76	0.12
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.12
11.60	1.06	0.03	0.09	14.20	2.77	0.76	0.11
11.65	1.09	0.04	0.11	14.25	2.77	0.77	0.11
11.70	1.13	0.05	0.14	14.30	2.78	0.77	0.11
11.75	1.18	0.06	0.16	14.35	2.79	0.78	0.11
11.80	1.23	0.07	0.19	14.40	2.79	0.78	0.11
11.85	1.29	0.09	0.24	14.45	2.80	0.78	0.10
11.90	1.36	0.10	0.30	14.50	2.81	0.79	0.10
11.95	1.48	0.14	0.39	14.55	2.81	0.79	0.10
12.00	1.60	0.18	0.55	14.60	2.82	0.80	0.10
12.05	1.79	0.26	0.77	14.65	2.82	0.80	0.10
12.10	1.99	0.34	1.12	14.70	2.83	0.80	0.10
12.15	2.06	0.38	1.51	14.75	2.84	0.81	0.09
12.20	2.12	0.41	1.58	14.80	2.84	0.81	0.09
12.25	2.17	0.43	1.31	14.85	2.85	0.81	0.09
12.30	2.22	0.46	1.03	14.90	2.85	0.82	0.09
12.35	2.26	0.48	0.84	14.95	2.86	0.82	0.09
12.40	2.29	0.50	0.71	15.00	2.86	0.82	0.08
12.45	2.33	0.51	0.60	15.05	2.87	0.82	0.08
12.50	2.36	0.53	0.54	15.10	2.87	0.83	0.08
12.55	2.38	0.54	0.50	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.45	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.39	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.35	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.32	15.35	2.89	0.84	0.07
12.80	2.48	0.60	0.30	15.40	2.90	0.84	0.07
12.85	2.50	0.61	0.29	15.45	2.90	0.85	0.07
12.90	2.52	0.62	0.27	15.50	2.91	0.85	0.07
12.95	2.53	0.63	0.26	15.55	2.91	0.85	0.07

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.07	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.07	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.07	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.07	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.07	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.07	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.07	18.50	3.11	0.98	0.04
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.04
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.04
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.04
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.04
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.04
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.04
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.04
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.04
16.35	2.98	0.89	0.06	18.95	3.13	0.99	0.04
16.40	2.98	0.90	0.06	19.00	3.14	1.00	0.04
16.45	2.98	0.90	0.06	19.05	3.14	1.00	0.04
16.50	2.99	0.90	0.06	19.10	3.14	1.00	0.04
16.55	2.99	0.90	0.06	19.15	3.14	1.00	0.04
16.60	3.00	0.91	0.06	19.20	3.15	1.00	0.04
16.65	3.00	0.91	0.06	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.06	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.06	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.06	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.05	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.05	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.05	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.05	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.05	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.05	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 3.53 cfs @ 12.17 hrs, Volume= 0.302 af, Depth= 3.12"
 Routed to Pond B-37B : Basin #37B

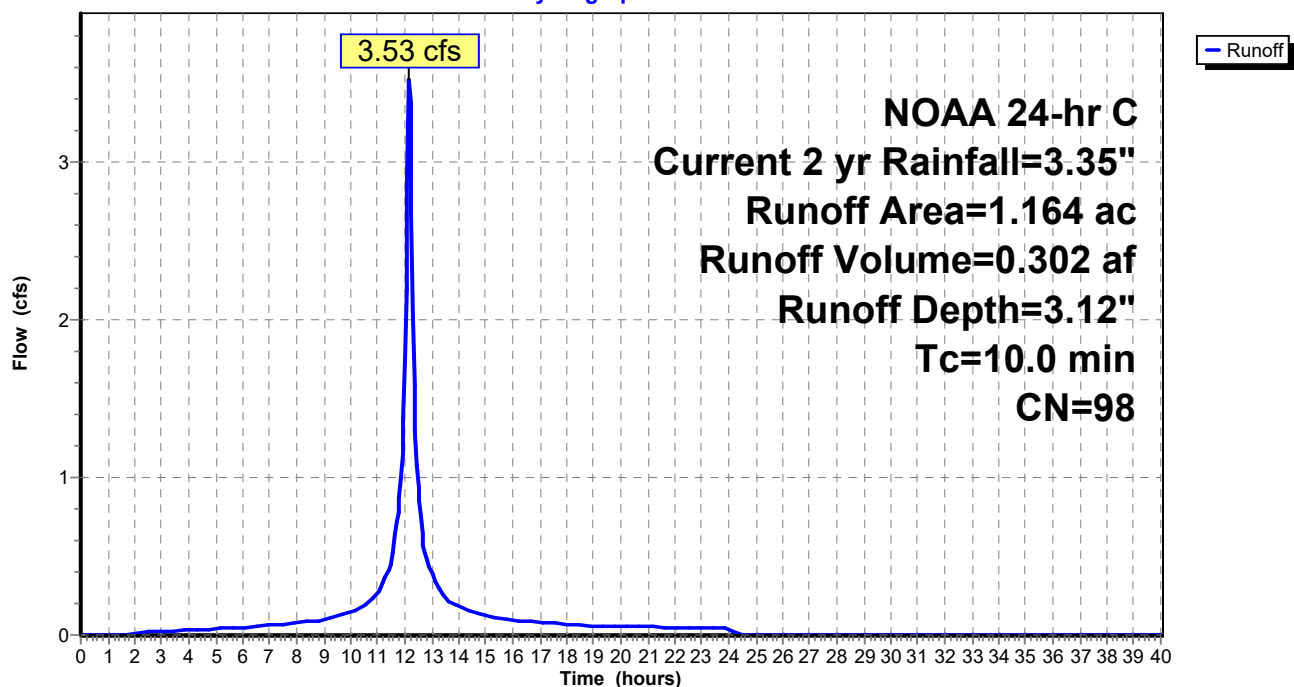
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

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

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

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

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.04	7.80	0.39	0.22	0.08
5.25	0.23	0.09	0.04	7.85	0.39	0.22	0.08
5.30	0.23	0.09	0.04	7.90	0.39	0.22	0.08
5.35	0.23	0.09	0.04	7.95	0.40	0.23	0.08
5.40	0.23	0.09	0.04	8.00	0.40	0.23	0.08
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.08
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.08
5.55	0.24	0.10	0.04	8.15	0.41	0.24	0.08
5.60	0.24	0.10	0.05	8.20	0.42	0.24	0.08
5.65	0.25	0.10	0.05	8.25	0.42	0.25	0.08
5.70	0.25	0.11	0.05	8.30	0.43	0.25	0.09
5.75	0.25	0.11	0.05	8.35	0.43	0.26	0.09
5.80	0.25	0.11	0.05	8.40	0.43	0.26	0.09
5.85	0.26	0.11	0.05	8.45	0.44	0.26	0.09
5.90	0.26	0.11	0.05	8.50	0.44	0.27	0.09
5.95	0.26	0.12	0.05	8.55	0.45	0.27	0.09
6.00	0.27	0.12	0.05	8.60	0.45	0.28	0.09
6.05	0.27	0.12	0.05	8.65	0.46	0.28	0.09
6.10	0.27	0.12	0.05	8.70	0.46	0.28	0.09
6.15	0.27	0.12	0.05	8.75	0.47	0.29	0.09
6.20	0.28	0.13	0.05	8.80	0.47	0.29	0.09
6.25	0.28	0.13	0.05	8.85	0.48	0.30	0.09
6.30	0.28	0.13	0.05	8.90	0.48	0.30	0.10
6.35	0.29	0.13	0.05	8.95	0.48	0.30	0.10
6.40	0.29	0.14	0.05	9.00	0.49	0.31	0.10
6.45	0.29	0.14	0.05	9.05	0.49	0.31	0.10
6.50	0.29	0.14	0.06	9.10	0.50	0.32	0.10
6.55	0.30	0.14	0.06	9.15	0.50	0.32	0.10
6.60	0.30	0.15	0.06	9.20	0.51	0.33	0.10
6.65	0.30	0.15	0.06	9.25	0.51	0.33	0.11
6.70	0.31	0.15	0.06	9.30	0.52	0.34	0.11
6.75	0.31	0.15	0.06	9.35	0.53	0.34	0.11
6.80	0.31	0.16	0.06	9.40	0.53	0.35	0.12
6.85	0.32	0.16	0.06	9.45	0.54	0.35	0.12
6.90	0.32	0.16	0.06	9.50	0.54	0.36	0.12
6.95	0.32	0.16	0.06	9.55	0.55	0.36	0.12
7.00	0.33	0.17	0.06	9.60	0.56	0.37	0.13
7.05	0.33	0.17	0.06	9.65	0.56	0.38	0.13
7.10	0.33	0.17	0.07	9.70	0.57	0.38	0.13
7.15	0.34	0.18	0.07	9.75	0.58	0.39	0.14
7.20	0.34	0.18	0.07	9.80	0.58	0.39	0.14
7.25	0.34	0.18	0.07	9.85	0.59	0.40	0.14
7.30	0.35	0.18	0.07	9.90	0.60	0.41	0.15
7.35	0.35	0.19	0.07	9.95	0.60	0.41	0.15
7.40	0.35	0.19	0.07	10.00	0.61	0.42	0.15
7.45	0.36	0.19	0.07	10.05	0.62	0.43	0.15
7.50	0.36	0.20	0.07	10.10	0.63	0.43	0.16
7.55	0.37	0.20	0.07	10.15	0.63	0.44	0.16
7.60	0.37	0.20	0.07	10.20	0.64	0.45	0.16
7.65	0.37	0.21	0.07	10.25	0.65	0.46	0.17
7.70	0.38	0.21	0.08	10.30	0.66	0.46	0.17
7.75	0.38	0.21	0.08	10.35	0.67	0.47	0.17

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.17	13.00	2.55	2.32	0.40
10.45	0.68	0.49	0.18	13.05	2.56	2.33	0.38
10.50	0.69	0.49	0.18	13.10	2.57	2.34	0.35
10.55	0.70	0.50	0.18	13.15	2.58	2.36	0.33
10.60	0.71	0.51	0.19	13.20	2.60	2.37	0.32
10.65	0.72	0.52	0.20	13.25	2.61	2.38	0.30
10.70	0.73	0.53	0.21	13.30	2.62	2.39	0.29
10.75	0.74	0.54	0.22	13.35	2.63	2.40	0.28
10.80	0.75	0.55	0.23	13.40	2.64	2.41	0.27
10.85	0.77	0.57	0.24	13.45	2.65	2.42	0.26
10.90	0.78	0.58	0.25	13.50	2.66	2.43	0.24
10.95	0.79	0.59	0.26	13.55	2.67	2.44	0.23
11.00	0.80	0.60	0.27	13.60	2.68	2.45	0.22
11.05	0.82	0.62	0.29	13.65	2.68	2.45	0.21
11.10	0.83	0.63	0.30	13.70	2.69	2.46	0.20
11.15	0.85	0.65	0.32	13.75	2.70	2.47	0.20
11.20	0.87	0.66	0.34	13.80	2.71	2.48	0.19
11.25	0.89	0.68	0.36	13.85	2.72	2.49	0.19
11.30	0.91	0.70	0.38	13.90	2.72	2.49	0.19
11.35	0.93	0.72	0.40	13.95	2.73	2.50	0.18
11.40	0.95	0.74	0.42	14.00	2.74	2.51	0.18
11.45	0.97	0.76	0.44	14.05	2.75	2.52	0.18
11.50	0.99	0.78	0.46	14.10	2.75	2.52	0.17
11.55	1.02	0.81	0.49	14.15	2.76	2.53	0.17
11.60	1.06	0.85	0.55	14.20	2.77	2.54	0.17
11.65	1.09	0.88	0.64	14.25	2.77	2.54	0.17
11.70	1.13	0.92	0.72	14.30	2.78	2.55	0.16
11.75	1.18	0.96	0.78	14.35	2.79	2.56	0.16
11.80	1.23	1.01	0.86	14.40	2.79	2.56	0.16
11.85	1.29	1.08	0.99	14.45	2.80	2.57	0.15
11.90	1.36	1.14	1.15	14.50	2.81	2.58	0.15
11.95	1.48	1.26	1.37	14.55	2.81	2.58	0.15
12.00	1.60	1.38	1.72	14.60	2.82	2.59	0.15
12.05	1.79	1.57	2.19	14.65	2.82	2.59	0.14
12.10	1.99	1.76	2.86	14.70	2.83	2.60	0.14
12.15	2.06	1.83	3.48	14.75	2.84	2.60	0.14
12.20	2.12	1.90	3.39	14.80	2.84	2.61	0.13
12.25	2.17	1.95	2.68	14.85	2.85	2.61	0.13
12.30	2.22	1.99	2.02	14.90	2.85	2.62	0.13
12.35	2.26	2.03	1.59	14.95	2.86	2.62	0.12
12.40	2.29	2.06	1.29	15.00	2.86	2.63	0.12
12.45	2.33	2.10	1.07	15.05	2.87	2.63	0.12
12.50	2.36	2.13	0.94	15.10	2.87	2.64	0.12
12.55	2.38	2.15	0.85	15.15	2.87	2.64	0.11
12.60	2.40	2.18	0.76	15.20	2.88	2.65	0.11
12.65	2.42	2.20	0.65	15.25	2.88	2.65	0.11
12.70	2.44	2.22	0.57	15.30	2.89	2.66	0.11
12.75	2.46	2.23	0.52	15.35	2.89	2.66	0.11
12.80	2.48	2.25	0.49	15.40	2.90	2.67	0.11
12.85	2.50	2.27	0.46	15.45	2.90	2.67	0.11
12.90	2.52	2.29	0.44	15.50	2.91	2.68	0.11
12.95	2.53	2.30	0.42	15.55	2.91	2.68	0.10

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.10	18.20	3.10	2.86	0.06
15.65	2.92	2.69	0.10	18.25	3.10	2.87	0.06
15.70	2.92	2.69	0.10	18.30	3.10	2.87	0.06
15.75	2.93	2.70	0.10	18.35	3.10	2.87	0.06
15.80	2.93	2.70	0.10	18.40	3.11	2.87	0.06
15.85	2.94	2.70	0.10	18.45	3.11	2.88	0.06
15.90	2.94	2.71	0.10	18.50	3.11	2.88	0.06
15.95	2.94	2.71	0.10	18.55	3.11	2.88	0.06
16.00	2.95	2.72	0.10	18.60	3.12	2.88	0.06
16.05	2.95	2.72	0.10	18.65	3.12	2.89	0.06
16.10	2.96	2.73	0.10	18.70	3.12	2.89	0.06
16.15	2.96	2.73	0.10	18.75	3.12	2.89	0.06
16.20	2.96	2.73	0.09	18.80	3.13	2.89	0.06
16.25	2.97	2.74	0.09	18.85	3.13	2.90	0.06
16.30	2.97	2.74	0.09	18.90	3.13	2.90	0.06
16.35	2.98	2.74	0.09	18.95	3.13	2.90	0.06
16.40	2.98	2.75	0.09	19.00	3.14	2.90	0.06
16.45	2.98	2.75	0.09	19.05	3.14	2.91	0.06
16.50	2.99	2.76	0.09	19.10	3.14	2.91	0.06
16.55	2.99	2.76	0.09	19.15	3.14	2.91	0.06
16.60	3.00	2.76	0.09	19.20	3.15	2.91	0.06
16.65	3.00	2.77	0.09	19.25	3.15	2.92	0.06
16.70	3.00	2.77	0.09	19.30	3.15	2.92	0.06
16.75	3.01	2.77	0.09	19.35	3.15	2.92	0.06
16.80	3.01	2.78	0.08	19.40	3.16	2.92	0.06
16.85	3.01	2.78	0.08	19.45	3.16	2.93	0.06
16.90	3.02	2.78	0.08	19.50	3.16	2.93	0.06
16.95	3.02	2.79	0.08	19.55	3.16	2.93	0.06
17.00	3.02	2.79	0.08	19.60	3.17	2.93	0.06
17.05	3.03	2.79	0.08	19.65	3.17	2.94	0.06
17.10	3.03	2.80	0.08	19.70	3.17	2.94	0.06
17.15	3.03	2.80	0.08	19.75	3.17	2.94	0.06
17.20	3.04	2.80	0.08	19.80	3.18	2.94	0.06
17.25	3.04	2.81	0.08	19.85	3.18	2.95	0.06
17.30	3.04	2.81	0.08	19.90	3.18	2.95	0.06
17.35	3.05	2.81	0.08	19.95	3.18	2.95	0.06
17.40	3.05	2.82	0.08	20.00	3.19	2.95	0.06
17.45	3.05	2.82	0.07	20.05	3.19	2.96	0.06
17.50	3.06	2.82	0.07	20.10	3.19	2.96	0.06
17.55	3.06	2.83	0.07	20.15	3.19	2.96	0.06
17.60	3.06	2.83	0.07	20.20	3.20	2.96	0.06
17.65	3.06	2.83	0.07	20.25	3.20	2.97	0.06
17.70	3.07	2.84	0.07	20.30	3.20	2.97	0.05
17.75	3.07	2.84	0.07	20.35	3.20	2.97	0.05
17.80	3.07	2.84	0.07	20.40	3.20	2.97	0.05
17.85	3.08	2.84	0.07	20.45	3.21	2.97	0.05
17.90	3.08	2.85	0.07	20.50	3.21	2.98	0.05
17.95	3.08	2.85	0.07	20.55	3.21	2.98	0.05
18.00	3.08	2.85	0.07	20.60	3.21	2.98	0.05
18.05	3.09	2.86	0.07	20.65	3.22	2.98	0.05
18.10	3.09	2.86	0.06	20.70	3.22	2.99	0.05
18.15	3.09	2.86	0.06	20.75	3.22	2.99	0.05

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.05	23.40	3.33	3.10	0.04
20.85	3.23	2.99	0.05	23.45	3.33	3.10	0.04
20.90	3.23	2.99	0.05	23.50	3.33	3.10	0.04
20.95	3.23	3.00	0.05	23.55	3.33	3.10	0.04
21.00	3.23	3.00	0.05	23.60	3.34	3.10	0.04
21.05	3.23	3.00	0.05	23.65	3.34	3.10	0.04
21.10	3.24	3.00	0.05	23.70	3.34	3.11	0.04
21.15	3.24	3.01	0.05	23.75	3.34	3.11	0.04
21.20	3.24	3.01	0.05	23.80	3.34	3.11	0.04
21.25	3.24	3.01	0.05	23.85	3.34	3.11	0.04
21.30	3.24	3.01	0.05	23.90	3.35	3.11	0.04
21.35	3.25	3.01	0.05	23.95	3.35	3.11	0.04
21.40	3.25	3.02	0.05	24.00	3.35	3.12	0.04
21.45	3.25	3.02	0.05	24.05	3.35	3.12	0.04
21.50	3.25	3.02	0.05	24.10	3.35	3.12	0.04
21.55	3.26	3.02	0.05	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.05	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.05	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.05	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.05	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.05	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.05	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.05	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.05	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.05	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.05	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.05	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.05	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.05	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.05	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.05	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.05	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.05	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.05	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.05	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.05	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.05	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.05	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.05	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.05	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.05	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.04	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.04	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.04	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.04	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.04	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.04	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.04	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.04	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.04	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.04	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.04	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 1.24 cfs @ 12.18 hrs, Volume= 0.096 af, Depth= 1.14"
 Routed to Pond B-37B : Basin #37B

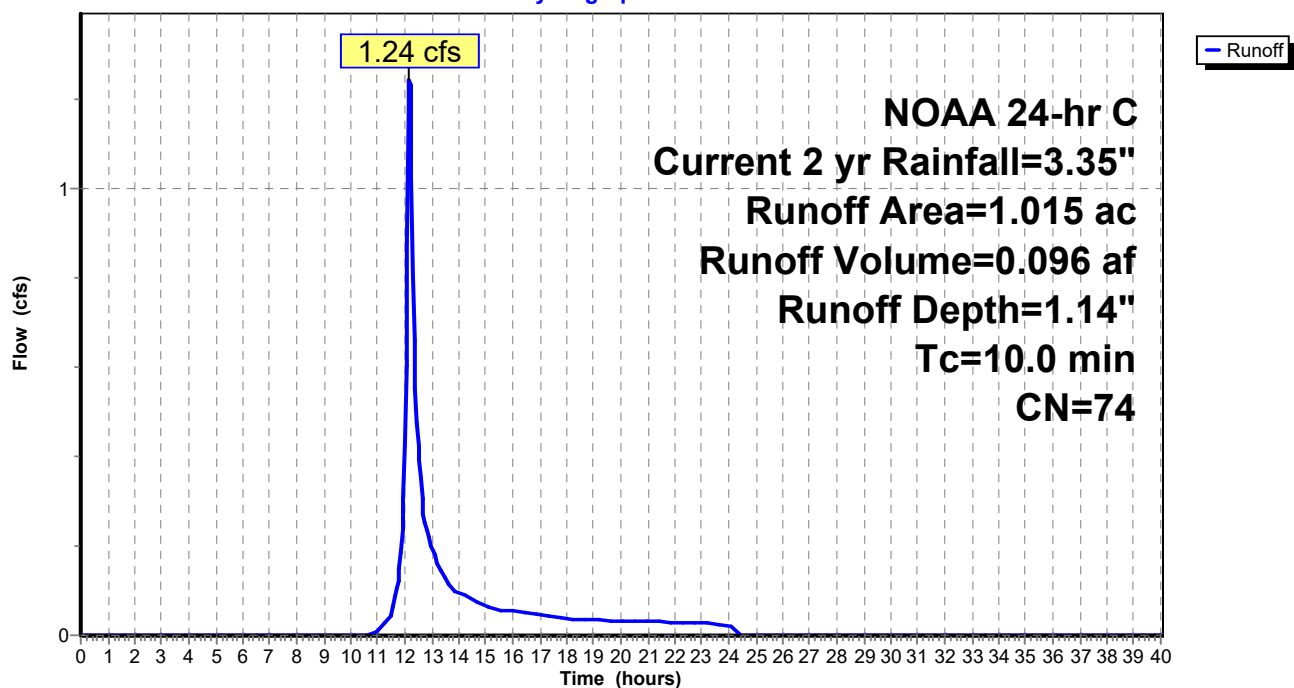
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

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

Subcatchment 38BP: PDA-37B (pervious)

Hydrograph



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

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

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.19
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.19
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.18
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.17
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.16
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.15
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.15
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.14
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.14
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.13
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.12
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.12
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.11
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.11
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.10
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.10
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.10
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.10
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.10
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.10
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.09
11.45	0.97	0.02	0.04	14.05	2.75	0.75	0.09
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.09
11.55	1.02	0.03	0.06	14.15	2.76	0.76	0.09
11.60	1.06	0.03	0.07	14.20	2.77	0.76	0.09
11.65	1.09	0.04	0.09	14.25	2.77	0.77	0.09
11.70	1.13	0.05	0.11	14.30	2.78	0.77	0.09
11.75	1.18	0.06	0.12	14.35	2.79	0.78	0.08
11.80	1.23	0.07	0.15	14.40	2.79	0.78	0.08
11.85	1.29	0.09	0.19	14.45	2.80	0.78	0.08
11.90	1.36	0.10	0.24	14.50	2.81	0.79	0.08
11.95	1.48	0.14	0.31	14.55	2.81	0.79	0.08
12.00	1.60	0.18	0.43	14.60	2.82	0.80	0.08
12.05	1.79	0.26	0.60	14.65	2.82	0.80	0.08
12.10	1.99	0.34	0.88	14.70	2.83	0.80	0.07
12.15	2.06	0.38	1.18	14.75	2.84	0.81	0.07
12.20	2.12	0.41	1.23	14.80	2.84	0.81	0.07
12.25	2.17	0.43	1.03	14.85	2.85	0.81	0.07
12.30	2.22	0.46	0.81	14.90	2.85	0.82	0.07
12.35	2.26	0.48	0.66	14.95	2.86	0.82	0.07
12.40	2.29	0.50	0.55	15.00	2.86	0.82	0.07
12.45	2.33	0.51	0.47	15.05	2.87	0.82	0.06
12.50	2.36	0.53	0.42	15.10	2.87	0.83	0.06
12.55	2.38	0.54	0.39	15.15	2.87	0.83	0.06
12.60	2.40	0.55	0.35	15.20	2.88	0.83	0.06
12.65	2.42	0.57	0.30	15.25	2.88	0.84	0.06
12.70	2.44	0.58	0.27	15.30	2.89	0.84	0.06
12.75	2.46	0.59	0.25	15.35	2.89	0.84	0.06
12.80	2.48	0.60	0.24	15.40	2.90	0.84	0.06
12.85	2.50	0.61	0.22	15.45	2.90	0.85	0.06
12.90	2.52	0.62	0.21	15.50	2.91	0.85	0.06
12.95	2.53	0.63	0.20	15.55	2.91	0.85	0.06

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.06	18.20	3.10	0.97	0.04
15.65	2.92	0.86	0.06	18.25	3.10	0.97	0.04
15.70	2.92	0.86	0.06	18.30	3.10	0.97	0.04
15.75	2.93	0.86	0.06	18.35	3.10	0.97	0.04
15.80	2.93	0.87	0.05	18.40	3.11	0.98	0.04
15.85	2.94	0.87	0.05	18.45	3.11	0.98	0.04
15.90	2.94	0.87	0.05	18.50	3.11	0.98	0.04
15.95	2.94	0.87	0.05	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.05	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.05	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.05	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.05	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.05	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.05	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.05	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.05	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.05	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.05	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.05	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.05	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.05	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.05	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.05	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.05	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.05	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.05	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.05	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.05	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.05	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.05	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.04	19.70	3.17	1.02	0.03
17.15	3.03	0.93	0.04	19.75	3.17	1.02	0.03
17.20	3.04	0.93	0.04	19.80	3.18	1.02	0.03
17.25	3.04	0.93	0.04	19.85	3.18	1.02	0.03
17.30	3.04	0.94	0.04	19.90	3.18	1.03	0.03
17.35	3.05	0.94	0.04	19.95	3.18	1.03	0.03
17.40	3.05	0.94	0.04	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.04	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.04	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.04	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.04	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.04	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.04	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.04	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.04	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.04	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.04	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.04	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.04	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.04	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.04	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.04	20.75	3.22	1.05	0.03

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.03	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.03	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.03	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.03	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.03	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.03	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.03	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.03	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.03	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.03	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.03	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.03	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.03	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.03	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.03	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.03	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.03	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.03	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.03	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 2.24 cfs @ 12.17 hrs, Volume= 0.192 af, Depth= 3.12"
 Routed to Pond B-38 : Basin #38

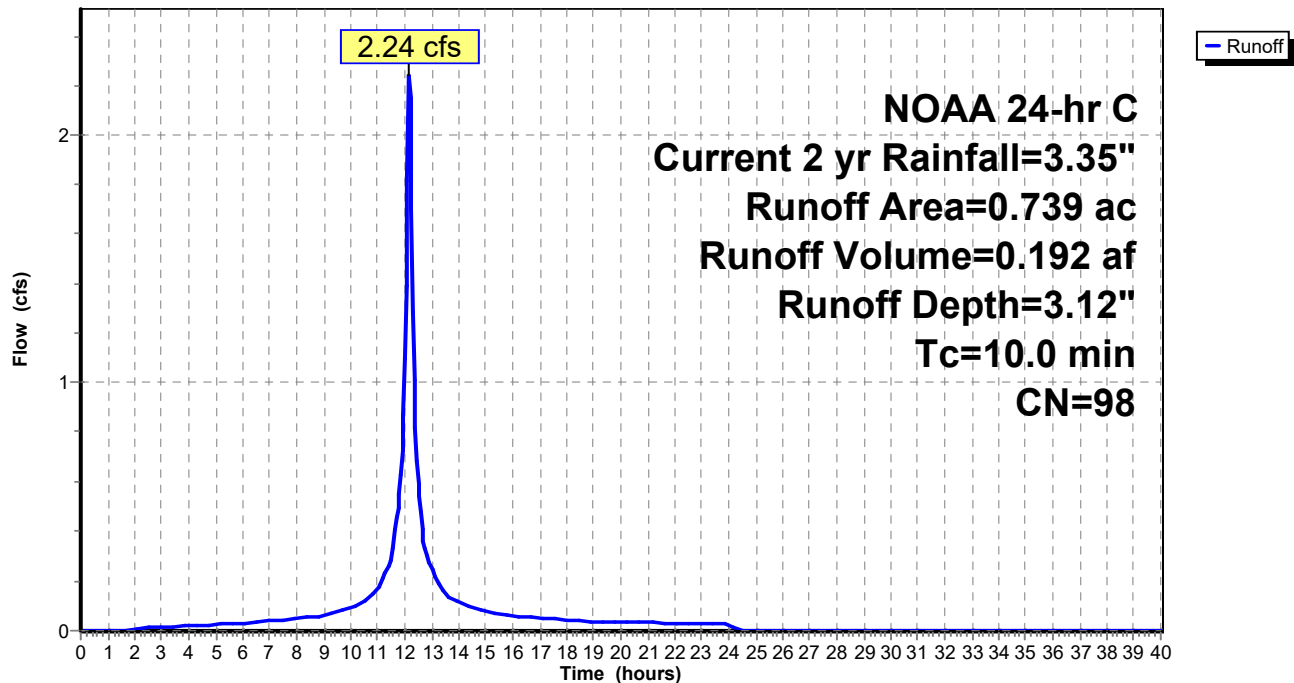
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

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

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

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

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.05
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.05
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.05
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.06
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.03	9.00	0.49	0.31	0.06
6.45	0.29	0.14	0.03	9.05	0.49	0.31	0.06
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.06
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.06
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.07
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.07
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.07
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.08
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.08
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.08
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.08
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.08
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.08
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.09
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.09
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.09
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.09
7.35	0.35	0.19	0.04	9.95	0.60	0.41	0.09
7.40	0.35	0.19	0.04	10.00	0.61	0.42	0.10
7.45	0.36	0.19	0.04	10.05	0.62	0.43	0.10
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.10
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.10
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.10
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.11
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.11
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.11

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.11	13.00	2.55	2.32	0.25
10.45	0.68	0.49	0.11	13.05	2.56	2.33	0.24
10.50	0.69	0.49	0.11	13.10	2.57	2.34	0.22
10.55	0.70	0.50	0.12	13.15	2.58	2.36	0.21
10.60	0.71	0.51	0.12	13.20	2.60	2.37	0.20
10.65	0.72	0.52	0.13	13.25	2.61	2.38	0.19
10.70	0.73	0.53	0.13	13.30	2.62	2.39	0.18
10.75	0.74	0.54	0.14	13.35	2.63	2.40	0.18
10.80	0.75	0.55	0.15	13.40	2.64	2.41	0.17
10.85	0.77	0.57	0.15	13.45	2.65	2.42	0.16
10.90	0.78	0.58	0.16	13.50	2.66	2.43	0.15
10.95	0.79	0.59	0.17	13.55	2.67	2.44	0.15
11.00	0.80	0.60	0.17	13.60	2.68	2.45	0.14
11.05	0.82	0.62	0.18	13.65	2.68	2.45	0.13
11.10	0.83	0.63	0.19	13.70	2.69	2.46	0.13
11.15	0.85	0.65	0.20	13.75	2.70	2.47	0.13
11.20	0.87	0.66	0.21	13.80	2.71	2.48	0.12
11.25	0.89	0.68	0.23	13.85	2.72	2.49	0.12
11.30	0.91	0.70	0.24	13.90	2.72	2.49	0.12
11.35	0.93	0.72	0.25	13.95	2.73	2.50	0.12
11.40	0.95	0.74	0.27	14.00	2.74	2.51	0.11
11.45	0.97	0.76	0.28	14.05	2.75	2.52	0.11
11.50	0.99	0.78	0.29	14.10	2.75	2.52	0.11
11.55	1.02	0.81	0.31	14.15	2.76	2.53	0.11
11.60	1.06	0.85	0.35	14.20	2.77	2.54	0.11
11.65	1.09	0.88	0.41	14.25	2.77	2.54	0.11
11.70	1.13	0.92	0.46	14.30	2.78	2.55	0.10
11.75	1.18	0.96	0.49	14.35	2.79	2.56	0.10
11.80	1.23	1.01	0.55	14.40	2.79	2.56	0.10
11.85	1.29	1.08	0.63	14.45	2.80	2.57	0.10
11.90	1.36	1.14	0.73	14.50	2.81	2.58	0.10
11.95	1.48	1.26	0.87	14.55	2.81	2.58	0.09
12.00	1.60	1.38	1.09	14.60	2.82	2.59	0.09
12.05	1.79	1.57	1.39	14.65	2.82	2.59	0.09
12.10	1.99	1.76	1.81	14.70	2.83	2.60	0.09
12.15	2.06	1.83	2.21	14.75	2.84	2.60	0.09
12.20	2.12	1.90	2.15	14.80	2.84	2.61	0.08
12.25	2.17	1.95	1.70	14.85	2.85	2.61	0.08
12.30	2.22	1.99	1.28	14.90	2.85	2.62	0.08
12.35	2.26	2.03	1.01	14.95	2.86	2.62	0.08
12.40	2.29	2.06	0.82	15.00	2.86	2.63	0.08
12.45	2.33	2.10	0.68	15.05	2.87	2.63	0.08
12.50	2.36	2.13	0.60	15.10	2.87	2.64	0.07
12.55	2.38	2.15	0.54	15.15	2.87	2.64	0.07
12.60	2.40	2.18	0.48	15.20	2.88	2.65	0.07
12.65	2.42	2.20	0.41	15.25	2.88	2.65	0.07
12.70	2.44	2.22	0.36	15.30	2.89	2.66	0.07
12.75	2.46	2.23	0.33	15.35	2.89	2.66	0.07
12.80	2.48	2.25	0.31	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.29	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.28	15.50	2.91	2.68	0.07
12.95	2.53	2.30	0.27	15.55	2.91	2.68	0.07

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.07	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.07	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.06	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.06	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.06	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.06	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.06	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.06	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.06	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.03
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.02
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 1.68 cfs @ 12.18 hrs, Volume= 0.130 af, Depth= 1.14"
 Routed to Pond B-38 : Basin #38

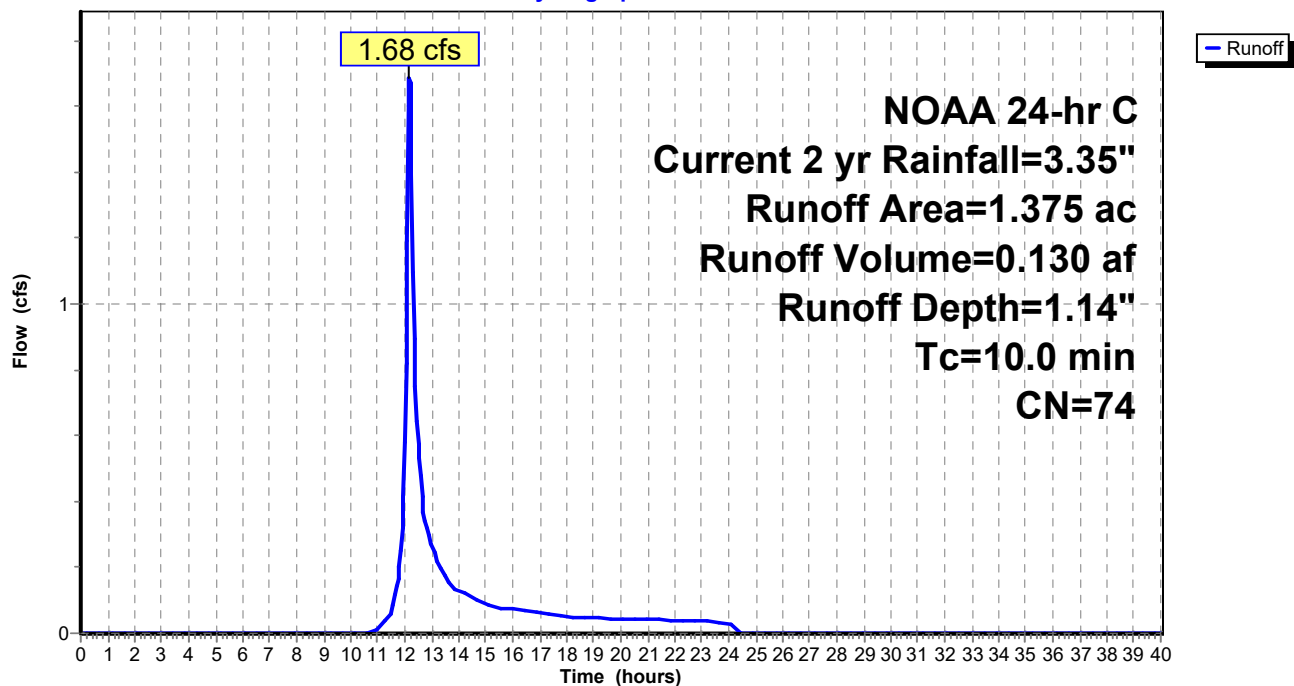
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

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

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

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

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.26
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.25
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.24
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.23
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.21
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.21
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.20
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.19
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.18
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.18
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.17
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.16
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.15
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.15
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.14
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.14
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.14
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.13
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.13
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.13
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.13
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.13
11.50	0.99	0.02	0.07	14.10	2.75	0.76	0.12
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.12
11.60	1.06	0.03	0.09	14.20	2.77	0.76	0.12
11.65	1.09	0.04	0.12	14.25	2.77	0.77	0.12
11.70	1.13	0.05	0.14	14.30	2.78	0.77	0.12
11.75	1.18	0.06	0.17	14.35	2.79	0.78	0.11
11.80	1.23	0.07	0.20	14.40	2.79	0.78	0.11
11.85	1.29	0.09	0.25	14.45	2.80	0.78	0.11
11.90	1.36	0.10	0.32	14.50	2.81	0.79	0.11
11.95	1.48	0.14	0.42	14.55	2.81	0.79	0.11
12.00	1.60	0.18	0.58	14.60	2.82	0.80	0.10
12.05	1.79	0.26	0.82	14.65	2.82	0.80	0.10
12.10	1.99	0.34	1.19	14.70	2.83	0.80	0.10
12.15	2.06	0.38	1.60	14.75	2.84	0.81	0.10
12.20	2.12	0.41	1.67	14.80	2.84	0.81	0.10
12.25	2.17	0.43	1.39	14.85	2.85	0.81	0.09
12.30	2.22	0.46	1.09	14.90	2.85	0.82	0.09
12.35	2.26	0.48	0.89	14.95	2.86	0.82	0.09
12.40	2.29	0.50	0.75	15.00	2.86	0.82	0.09
12.45	2.33	0.51	0.64	15.05	2.87	0.82	0.09
12.50	2.36	0.53	0.57	15.10	2.87	0.83	0.08
12.55	2.38	0.54	0.53	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.48	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.41	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.37	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.34	15.35	2.89	0.84	0.08
12.80	2.48	0.60	0.32	15.40	2.90	0.84	0.08
12.85	2.50	0.61	0.30	15.45	2.90	0.85	0.08
12.90	2.52	0.62	0.29	15.50	2.91	0.85	0.08
12.95	2.53	0.63	0.28	15.55	2.91	0.85	0.08

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.08	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.08	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.08	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.07	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.07	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.07	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.07	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.07	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.07	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.07	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.07	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.07	19.25	3.15	1.00	0.05
16.70	3.00	0.91	0.07	19.30	3.15	1.01	0.05
16.75	3.01	0.91	0.06	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.06	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.06	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.06	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.06	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.06	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 2.37 cfs @ 12.17 hrs, Volume= 0.203 af, Depth= 3.12"
 Routed to Pond B-39 : Basin #39

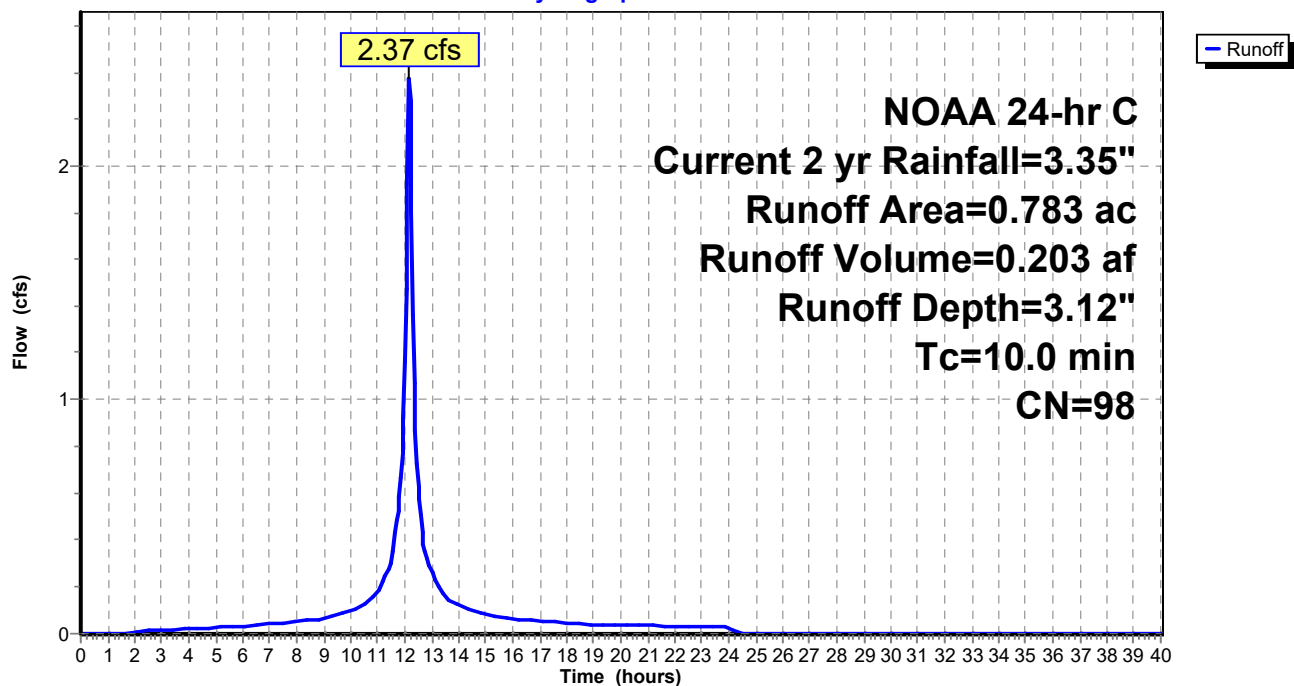
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.783	98	Weighted Average
0.783		100.00% Impervious Area

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

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

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

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.06
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.06
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.06
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.07
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.07
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.07
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.07
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.07
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.08
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.08
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.08
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.08
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.08
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.09
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.09
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.09
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.09
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.09
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.10
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.10
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.10
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.10
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.10
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.11
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.11
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.11
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.11
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.11
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.12

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.12	13.00	2.55	2.32	0.27
10.45	0.68	0.49	0.12	13.05	2.56	2.33	0.25
10.50	0.69	0.49	0.12	13.10	2.57	2.34	0.24
10.55	0.70	0.50	0.12	13.15	2.58	2.36	0.22
10.60	0.71	0.51	0.13	13.20	2.60	2.37	0.21
10.65	0.72	0.52	0.13	13.25	2.61	2.38	0.20
10.70	0.73	0.53	0.14	13.30	2.62	2.39	0.19
10.75	0.74	0.54	0.15	13.35	2.63	2.40	0.19
10.80	0.75	0.55	0.15	13.40	2.64	2.41	0.18
10.85	0.77	0.57	0.16	13.45	2.65	2.42	0.17
10.90	0.78	0.58	0.17	13.50	2.66	2.43	0.16
10.95	0.79	0.59	0.18	13.55	2.67	2.44	0.16
11.00	0.80	0.60	0.18	13.60	2.68	2.45	0.15
11.05	0.82	0.62	0.19	13.65	2.68	2.45	0.14
11.10	0.83	0.63	0.20	13.70	2.69	2.46	0.14
11.15	0.85	0.65	0.21	13.75	2.70	2.47	0.13
11.20	0.87	0.66	0.23	13.80	2.71	2.48	0.13
11.25	0.89	0.68	0.24	13.85	2.72	2.49	0.13
11.30	0.91	0.70	0.25	13.90	2.72	2.49	0.13
11.35	0.93	0.72	0.27	13.95	2.73	2.50	0.12
11.40	0.95	0.74	0.28	14.00	2.74	2.51	0.12
11.45	0.97	0.76	0.30	14.05	2.75	2.52	0.12
11.50	0.99	0.78	0.31	14.10	2.75	2.52	0.12
11.55	1.02	0.81	0.33	14.15	2.76	2.53	0.12
11.60	1.06	0.85	0.37	14.20	2.77	2.54	0.11
11.65	1.09	0.88	0.43	14.25	2.77	2.54	0.11
11.70	1.13	0.92	0.48	14.30	2.78	2.55	0.11
11.75	1.18	0.96	0.52	14.35	2.79	2.56	0.11
11.80	1.23	1.01	0.58	14.40	2.79	2.56	0.11
11.85	1.29	1.08	0.66	14.45	2.80	2.57	0.10
11.90	1.36	1.14	0.77	14.50	2.81	2.58	0.10
11.95	1.48	1.26	0.92	14.55	2.81	2.58	0.10
12.00	1.60	1.38	1.16	14.60	2.82	2.59	0.10
12.05	1.79	1.57	1.48	14.65	2.82	2.59	0.10
12.10	1.99	1.76	1.92	14.70	2.83	2.60	0.09
12.15	2.06	1.83	2.34	14.75	2.84	2.60	0.09
12.20	2.12	1.90	2.28	14.80	2.84	2.61	0.09
12.25	2.17	1.95	1.80	14.85	2.85	2.61	0.09
12.30	2.22	1.99	1.36	14.90	2.85	2.62	0.09
12.35	2.26	2.03	1.07	14.95	2.86	2.62	0.08
12.40	2.29	2.06	0.87	15.00	2.86	2.63	0.08
12.45	2.33	2.10	0.72	15.05	2.87	2.63	0.08
12.50	2.36	2.13	0.63	15.10	2.87	2.64	0.08
12.55	2.38	2.15	0.57	15.15	2.87	2.64	0.08
12.60	2.40	2.18	0.51	15.20	2.88	2.65	0.07
12.65	2.42	2.20	0.44	15.25	2.88	2.65	0.07
12.70	2.44	2.22	0.38	15.30	2.89	2.66	0.07
12.75	2.46	2.23	0.35	15.35	2.89	2.66	0.07
12.80	2.48	2.25	0.33	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.31	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.30	15.50	2.91	2.68	0.07
12.95	2.53	2.30	0.28	15.55	2.91	2.68	0.07

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.07	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.07	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.07	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.07	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.07	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.07	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.07	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.07	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.07	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.06	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.06	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.06	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.06	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.06	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.06	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.02
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 39P: PDA-39 (pervious)

Runoff = 1.35 cfs @ 12.18 hrs, Volume= 0.104 af, Depth= 1.14"
 Routed to Pond B-39 : Basin #39

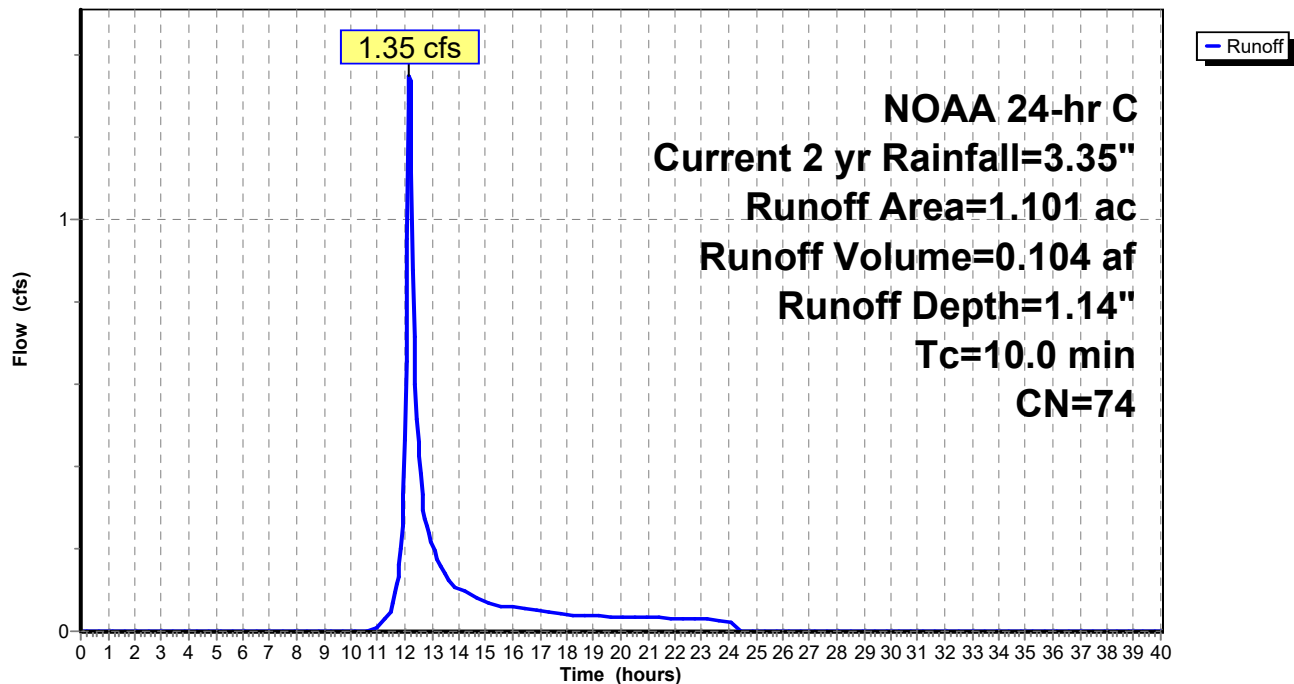
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.101	74	>75% Grass cover, Good, HSG C
1.101		100.00% Pervious Area

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

Subcatchment 39P: PDA-39 (pervious)

Hydrograph



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

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

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.21
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.20
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.19
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.18
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.17
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.16
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.16
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.15
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.15
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.14
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.13
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.13
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.12
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.12
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.11
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.11
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.11
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.11
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.11
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.10
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.10
11.45	0.97	0.02	0.05	14.05	2.75	0.75	0.10
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.10
11.55	1.02	0.03	0.06	14.15	2.76	0.76	0.10
11.60	1.06	0.03	0.07	14.20	2.77	0.76	0.10
11.65	1.09	0.04	0.09	14.25	2.77	0.77	0.09
11.70	1.13	0.05	0.11	14.30	2.78	0.77	0.09
11.75	1.18	0.06	0.13	14.35	2.79	0.78	0.09
11.80	1.23	0.07	0.16	14.40	2.79	0.78	0.09
11.85	1.29	0.09	0.20	14.45	2.80	0.78	0.09
11.90	1.36	0.10	0.26	14.50	2.81	0.79	0.09
11.95	1.48	0.14	0.33	14.55	2.81	0.79	0.09
12.00	1.60	0.18	0.46	14.60	2.82	0.80	0.08
12.05	1.79	0.26	0.65	14.65	2.82	0.80	0.08
12.10	1.99	0.34	0.95	14.70	2.83	0.80	0.08
12.15	2.06	0.38	1.28	14.75	2.84	0.81	0.08
12.20	2.12	0.41	1.33	14.80	2.84	0.81	0.08
12.25	2.17	0.43	1.11	14.85	2.85	0.81	0.08
12.30	2.22	0.46	0.88	14.90	2.85	0.82	0.07
12.35	2.26	0.48	0.71	14.95	2.86	0.82	0.07
12.40	2.29	0.50	0.60	15.00	2.86	0.82	0.07
12.45	2.33	0.51	0.51	15.05	2.87	0.82	0.07
12.50	2.36	0.53	0.46	15.10	2.87	0.83	0.07
12.55	2.38	0.54	0.42	15.15	2.87	0.83	0.07
12.60	2.40	0.55	0.38	15.20	2.88	0.83	0.07
12.65	2.42	0.57	0.33	15.25	2.88	0.84	0.06
12.70	2.44	0.58	0.29	15.30	2.89	0.84	0.06
12.75	2.46	0.59	0.27	15.35	2.89	0.84	0.06
12.80	2.48	0.60	0.26	15.40	2.90	0.84	0.06
12.85	2.50	0.61	0.24	15.45	2.90	0.85	0.06
12.90	2.52	0.62	0.23	15.50	2.91	0.85	0.06
12.95	2.53	0.63	0.22	15.55	2.91	0.85	0.06

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.06	18.20	3.10	0.97	0.04
15.65	2.92	0.86	0.06	18.25	3.10	0.97	0.04
15.70	2.92	0.86	0.06	18.30	3.10	0.97	0.04
15.75	2.93	0.86	0.06	18.35	3.10	0.97	0.04
15.80	2.93	0.87	0.06	18.40	3.11	0.98	0.04
15.85	2.94	0.87	0.06	18.45	3.11	0.98	0.04
15.90	2.94	0.87	0.06	18.50	3.11	0.98	0.04
15.95	2.94	0.87	0.06	18.55	3.11	0.98	0.04
16.00	2.95	0.88	0.06	18.60	3.12	0.98	0.04
16.05	2.95	0.88	0.06	18.65	3.12	0.98	0.04
16.10	2.96	0.88	0.06	18.70	3.12	0.99	0.04
16.15	2.96	0.88	0.06	18.75	3.12	0.99	0.04
16.20	2.96	0.89	0.06	18.80	3.13	0.99	0.04
16.25	2.97	0.89	0.06	18.85	3.13	0.99	0.04
16.30	2.97	0.89	0.06	18.90	3.13	0.99	0.04
16.35	2.98	0.89	0.05	18.95	3.13	0.99	0.04
16.40	2.98	0.90	0.05	19.00	3.14	1.00	0.04
16.45	2.98	0.90	0.05	19.05	3.14	1.00	0.04
16.50	2.99	0.90	0.05	19.10	3.14	1.00	0.04
16.55	2.99	0.90	0.05	19.15	3.14	1.00	0.04
16.60	3.00	0.91	0.05	19.20	3.15	1.00	0.04
16.65	3.00	0.91	0.05	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.05	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.05	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.05	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.05	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.05	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.05	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.05	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.05	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.05	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.05	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.05	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.05	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.05	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.05	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.05	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.05	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.04	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.04	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.04	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.04	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.04	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.04	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.04	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.04	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.04	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.04	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.04	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.04	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.04	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.04	20.75	3.22	1.05	0.03

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.03	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.03	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.03	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.03	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.03	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.03	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.03	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.03	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.03	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.03	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.03	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.03	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.03	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.03	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.03	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.03	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.03	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.03	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.03	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

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

Runoff = 2.70 cfs @ 12.17 hrs, Volume= 0.231 af, Depth= 3.12"
 Routed to Pond B-40 : Basin #40

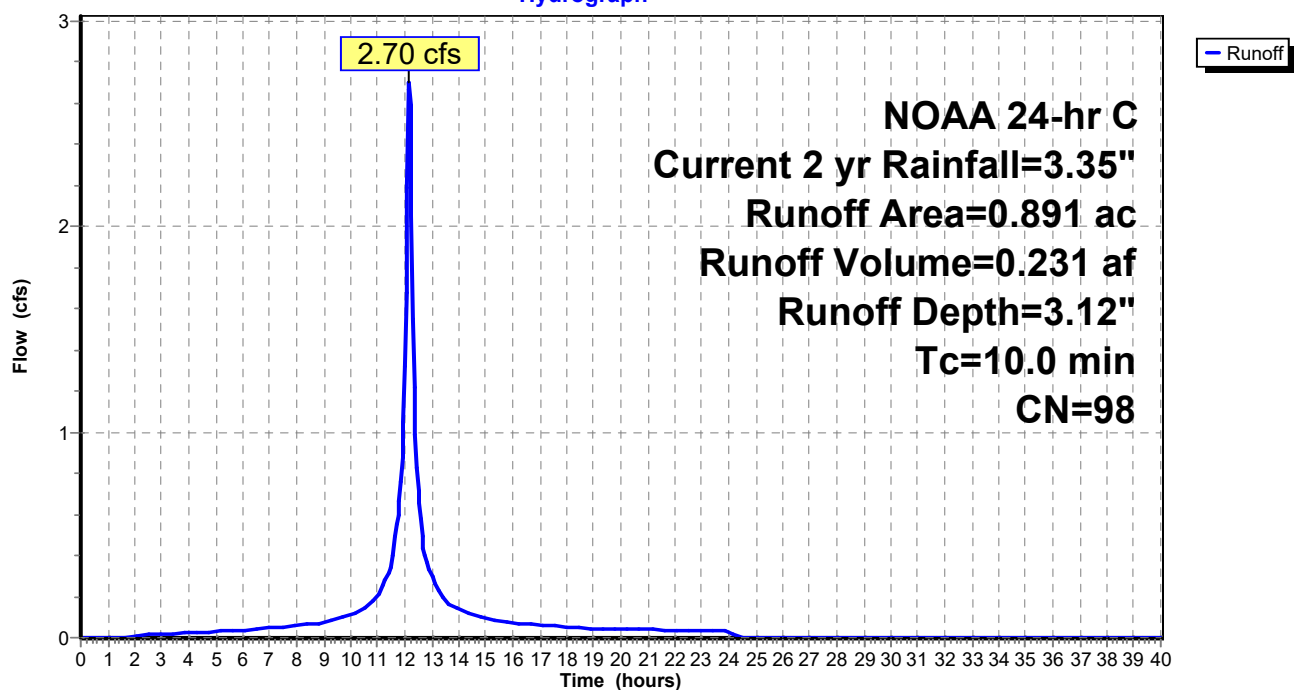
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.891	98	Weighted Average
0.891		100.00% Impervious Area

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

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



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

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

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

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.07
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.07
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.07
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.08
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.08
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.09
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.09
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.09
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.10
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.10
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.10
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.10
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.10
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.11
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.11
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.11
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.11
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.12
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.12
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.12
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.12
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.12
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.13
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.13
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.13

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.13	13.00	2.55	2.32	0.30
10.45	0.68	0.49	0.14	13.05	2.56	2.33	0.29
10.50	0.69	0.49	0.14	13.10	2.57	2.34	0.27
10.55	0.70	0.50	0.14	13.15	2.58	2.36	0.26
10.60	0.71	0.51	0.15	13.20	2.60	2.37	0.24
10.65	0.72	0.52	0.15	13.25	2.61	2.38	0.23
10.70	0.73	0.53	0.16	13.30	2.62	2.39	0.22
10.75	0.74	0.54	0.17	13.35	2.63	2.40	0.21
10.80	0.75	0.55	0.18	13.40	2.64	2.41	0.20
10.85	0.77	0.57	0.18	13.45	2.65	2.42	0.20
10.90	0.78	0.58	0.19	13.50	2.66	2.43	0.19
10.95	0.79	0.59	0.20	13.55	2.67	2.44	0.18
11.00	0.80	0.60	0.21	13.60	2.68	2.45	0.17
11.05	0.82	0.62	0.22	13.65	2.68	2.45	0.16
11.10	0.83	0.63	0.23	13.70	2.69	2.46	0.16
11.15	0.85	0.65	0.24	13.75	2.70	2.47	0.15
11.20	0.87	0.66	0.26	13.80	2.71	2.48	0.15
11.25	0.89	0.68	0.27	13.85	2.72	2.49	0.15
11.30	0.91	0.70	0.29	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.31	13.95	2.73	2.50	0.14
11.40	0.95	0.74	0.32	14.00	2.74	2.51	0.14
11.45	0.97	0.76	0.34	14.05	2.75	2.52	0.14
11.50	0.99	0.78	0.35	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.37	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.42	14.20	2.77	2.54	0.13
11.65	1.09	0.88	0.49	14.25	2.77	2.54	0.13
11.70	1.13	0.92	0.55	14.30	2.78	2.55	0.12
11.75	1.18	0.96	0.59	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.66	14.40	2.79	2.56	0.12
11.85	1.29	1.08	0.75	14.45	2.80	2.57	0.12
11.90	1.36	1.14	0.88	14.50	2.81	2.58	0.12
11.95	1.48	1.26	1.05	14.55	2.81	2.58	0.11
12.00	1.60	1.38	1.32	14.60	2.82	2.59	0.11
12.05	1.79	1.57	1.68	14.65	2.82	2.59	0.11
12.10	1.99	1.76	2.19	14.70	2.83	2.60	0.11
12.15	2.06	1.83	2.66	14.75	2.84	2.60	0.10
12.20	2.12	1.90	2.59	14.80	2.84	2.61	0.10
12.25	2.17	1.95	2.05	14.85	2.85	2.61	0.10
12.30	2.22	1.99	1.55	14.90	2.85	2.62	0.10
12.35	2.26	2.03	1.22	14.95	2.86	2.62	0.10
12.40	2.29	2.06	0.99	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.82	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.72	15.10	2.87	2.64	0.09
12.55	2.38	2.15	0.65	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.58	15.20	2.88	2.65	0.09
12.65	2.42	2.20	0.50	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.44	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.40	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.37	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.35	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.34	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.32	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.07	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.03
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.02
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.01
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 40P: PDA-40 (pervious)

Runoff = 1.22 cfs @ 12.18 hrs, Volume= 0.095 af, Depth= 1.14"
 Routed to Pond B-40 : Basin #40

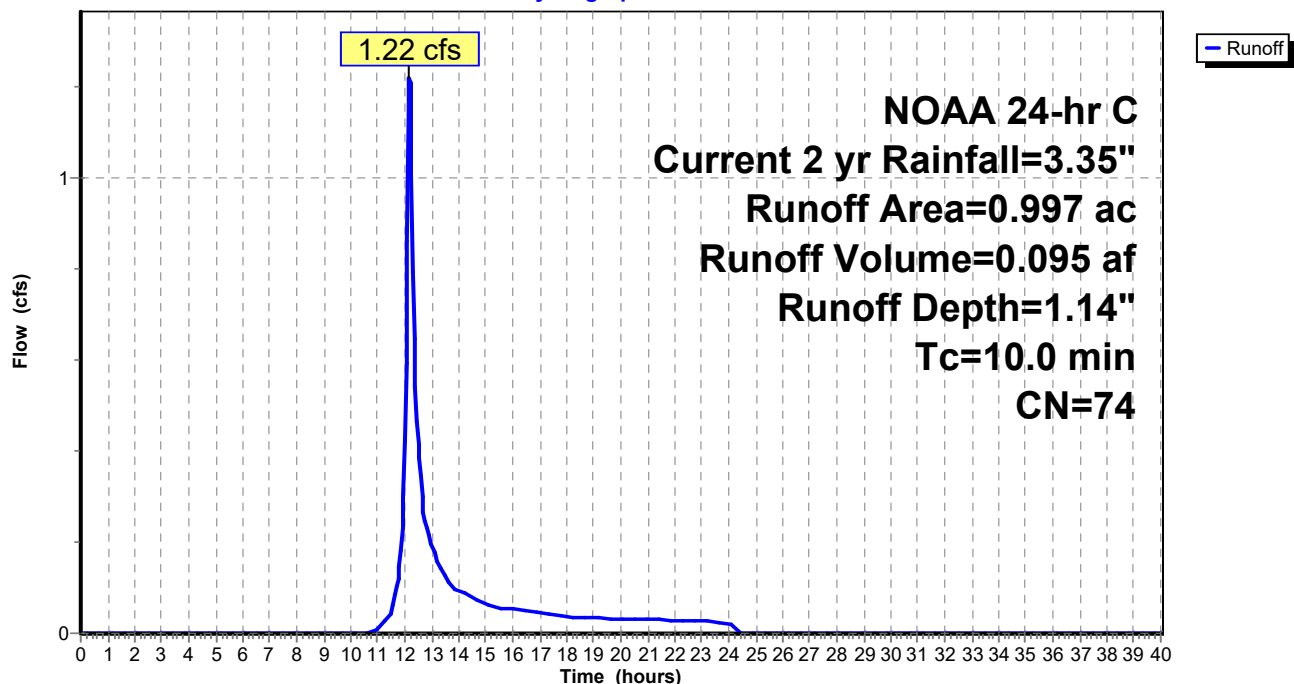
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.997	74	>75% Grass cover, Good, HSG C
0.997		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



Hydrograph for Subcatchment 40P: PDA-40 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.19
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.18
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.17
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.16
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.16
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.15
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.14
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.14
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.13
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.13
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.12
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.12
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.11
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.11
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.10
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.10
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.10
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.10
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.10
11.35	0.93	0.01	0.03	13.95	2.73	0.74	0.09
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.09
11.45	0.97	0.02	0.04	14.05	2.75	0.75	0.09
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.09
11.55	1.02	0.03	0.05	14.15	2.76	0.76	0.09
11.60	1.06	0.03	0.07	14.20	2.77	0.76	0.09
11.65	1.09	0.04	0.09	14.25	2.77	0.77	0.09
11.70	1.13	0.05	0.10	14.30	2.78	0.77	0.08
11.75	1.18	0.06	0.12	14.35	2.79	0.78	0.08
11.80	1.23	0.07	0.15	14.40	2.79	0.78	0.08
11.85	1.29	0.09	0.18	14.45	2.80	0.78	0.08
11.90	1.36	0.10	0.23	14.50	2.81	0.79	0.08
11.95	1.48	0.14	0.30	14.55	2.81	0.79	0.08
12.00	1.60	0.18	0.42	14.60	2.82	0.80	0.08
12.05	1.79	0.26	0.59	14.65	2.82	0.80	0.07
12.10	1.99	0.34	0.86	14.70	2.83	0.80	0.07
12.15	2.06	0.38	1.16	14.75	2.84	0.81	0.07
12.20	2.12	0.41	1.21	14.80	2.84	0.81	0.07
12.25	2.17	0.43	1.01	14.85	2.85	0.81	0.07
12.30	2.22	0.46	0.79	14.90	2.85	0.82	0.07
12.35	2.26	0.48	0.65	14.95	2.86	0.82	0.07
12.40	2.29	0.50	0.54	15.00	2.86	0.82	0.06
12.45	2.33	0.51	0.46	15.05	2.87	0.82	0.06
12.50	2.36	0.53	0.41	15.10	2.87	0.83	0.06
12.55	2.38	0.54	0.38	15.15	2.87	0.83	0.06
12.60	2.40	0.55	0.34	15.20	2.88	0.83	0.06
12.65	2.42	0.57	0.30	15.25	2.88	0.84	0.06
12.70	2.44	0.58	0.26	15.30	2.89	0.84	0.06
12.75	2.46	0.59	0.24	15.35	2.89	0.84	0.06
12.80	2.48	0.60	0.23	15.40	2.90	0.84	0.06
12.85	2.50	0.61	0.22	15.45	2.90	0.85	0.06
12.90	2.52	0.62	0.21	15.50	2.91	0.85	0.06
12.95	2.53	0.63	0.20	15.55	2.91	0.85	0.06

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.06	18.20	3.10	0.97	0.04
15.65	2.92	0.86	0.06	18.25	3.10	0.97	0.03
15.70	2.92	0.86	0.05	18.30	3.10	0.97	0.03
15.75	2.93	0.86	0.05	18.35	3.10	0.97	0.03
15.80	2.93	0.87	0.05	18.40	3.11	0.98	0.03
15.85	2.94	0.87	0.05	18.45	3.11	0.98	0.03
15.90	2.94	0.87	0.05	18.50	3.11	0.98	0.03
15.95	2.94	0.87	0.05	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.05	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.05	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.05	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.05	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.05	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.05	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.05	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.05	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.05	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.05	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.05	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.05	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.05	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.05	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.05	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.05	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.05	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.05	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.05	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.05	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.04	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.04	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.04	19.70	3.17	1.02	0.03
17.15	3.03	0.93	0.04	19.75	3.17	1.02	0.03
17.20	3.04	0.93	0.04	19.80	3.18	1.02	0.03
17.25	3.04	0.93	0.04	19.85	3.18	1.02	0.03
17.30	3.04	0.94	0.04	19.90	3.18	1.03	0.03
17.35	3.05	0.94	0.04	19.95	3.18	1.03	0.03
17.40	3.05	0.94	0.04	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.04	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.04	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.04	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.04	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.04	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.04	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.04	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.04	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.04	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.04	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.04	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.04	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.04	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.04	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.04	20.75	3.22	1.05	0.03

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.03	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.03	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.03	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.03	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.03	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.03	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.03	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.03	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.03	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.03	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.03	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.03	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.03	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.03	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.03	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.03	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.03	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.03	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.03	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment UPDA-3: PDA-3 (undetained)

Runoff = 4.07 cfs @ 12.18 hrs, Volume= 0.316 af, Depth= 1.14"
 Routed to Link PDA-3 : Proposed Drainage Area #3

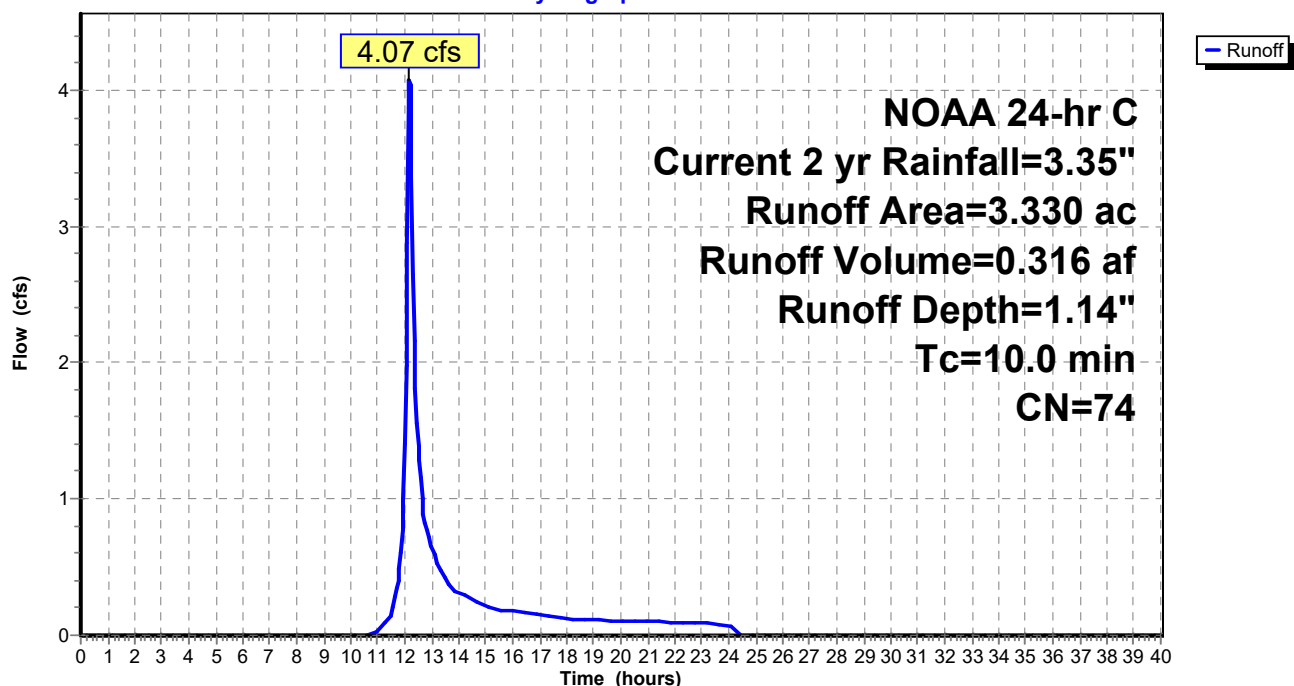
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
3.330	74	>75% Grass cover, Good, HSG C
3.330		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.64
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.61
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.58
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.55
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.52
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.50
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.48
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.46
10.80	0.75	0.00	0.01	13.40	2.64	0.69	0.44
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.43
10.90	0.78	0.00	0.02	13.50	2.66	0.70	0.41
10.95	0.79	0.00	0.02	13.55	2.67	0.70	0.39
11.00	0.80	0.00	0.03	13.60	2.68	0.71	0.37
11.05	0.82	0.00	0.04	13.65	2.68	0.71	0.36
11.10	0.83	0.00	0.04	13.70	2.69	0.72	0.34
11.15	0.85	0.01	0.05	13.75	2.70	0.72	0.33
11.20	0.87	0.01	0.06	13.80	2.71	0.73	0.33
11.25	0.89	0.01	0.08	13.85	2.72	0.73	0.32
11.30	0.91	0.01	0.09	13.90	2.72	0.74	0.32
11.35	0.93	0.01	0.11	13.95	2.73	0.74	0.31
11.40	0.95	0.02	0.12	14.00	2.74	0.75	0.31
11.45	0.97	0.02	0.14	14.05	2.75	0.75	0.30
11.50	0.99	0.02	0.16	14.10	2.75	0.76	0.30
11.55	1.02	0.03	0.18	14.15	2.76	0.76	0.30
11.60	1.06	0.03	0.22	14.20	2.77	0.76	0.29
11.65	1.09	0.04	0.29	14.25	2.77	0.77	0.29
11.70	1.13	0.05	0.35	14.30	2.78	0.77	0.28
11.75	1.18	0.06	0.40	14.35	2.79	0.78	0.28
11.80	1.23	0.07	0.49	14.40	2.79	0.78	0.27
11.85	1.29	0.09	0.61	14.45	2.80	0.78	0.27
11.90	1.36	0.10	0.77	14.50	2.81	0.79	0.26
11.95	1.48	0.14	1.01	14.55	2.81	0.79	0.26
12.00	1.60	0.18	1.40	14.60	2.82	0.80	0.25
12.05	1.79	0.26	1.98	14.65	2.82	0.80	0.25
12.10	1.99	0.34	2.88	14.70	2.83	0.80	0.24
12.15	2.06	0.38	3.87	14.75	2.84	0.81	0.24
12.20	2.12	0.41	4.04	14.80	2.84	0.81	0.23
12.25	2.17	0.43	3.37	14.85	2.85	0.81	0.23
12.30	2.22	0.46	2.65	14.90	2.85	0.82	0.22
12.35	2.26	0.48	2.16	14.95	2.86	0.82	0.22
12.40	2.29	0.50	1.81	15.00	2.86	0.82	0.21
12.45	2.33	0.51	1.55	15.05	2.87	0.82	0.21
12.50	2.36	0.53	1.38	15.10	2.87	0.83	0.20
12.55	2.38	0.54	1.28	15.15	2.87	0.83	0.20
12.60	2.40	0.55	1.15	15.20	2.88	0.83	0.20
12.65	2.42	0.57	1.00	15.25	2.88	0.84	0.19
12.70	2.44	0.58	0.88	15.30	2.89	0.84	0.19
12.75	2.46	0.59	0.82	15.35	2.89	0.84	0.19
12.80	2.48	0.60	0.77	15.40	2.90	0.84	0.19
12.85	2.50	0.61	0.74	15.45	2.90	0.85	0.19
12.90	2.52	0.62	0.70	15.50	2.91	0.85	0.19
12.95	2.53	0.63	0.67	15.55	2.91	0.85	0.19

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.18	18.20	3.10	0.97	0.12
15.65	2.92	0.86	0.18	18.25	3.10	0.97	0.12
15.70	2.92	0.86	0.18	18.30	3.10	0.97	0.12
15.75	2.93	0.86	0.18	18.35	3.10	0.97	0.12
15.80	2.93	0.87	0.18	18.40	3.11	0.98	0.12
15.85	2.94	0.87	0.18	18.45	3.11	0.98	0.12
15.90	2.94	0.87	0.18	18.50	3.11	0.98	0.12
15.95	2.94	0.87	0.18	18.55	3.11	0.98	0.11
16.00	2.95	0.88	0.18	18.60	3.12	0.98	0.11
16.05	2.95	0.88	0.17	18.65	3.12	0.98	0.11
16.10	2.96	0.88	0.17	18.70	3.12	0.99	0.11
16.15	2.96	0.88	0.17	18.75	3.12	0.99	0.11
16.20	2.96	0.89	0.17	18.80	3.13	0.99	0.11
16.25	2.97	0.89	0.17	18.85	3.13	0.99	0.11
16.30	2.97	0.89	0.17	18.90	3.13	0.99	0.11
16.35	2.98	0.89	0.17	18.95	3.13	0.99	0.11
16.40	2.98	0.90	0.16	19.00	3.14	1.00	0.11
16.45	2.98	0.90	0.16	19.05	3.14	1.00	0.11
16.50	2.99	0.90	0.16	19.10	3.14	1.00	0.11
16.55	2.99	0.90	0.16	19.15	3.14	1.00	0.11
16.60	3.00	0.91	0.16	19.20	3.15	1.00	0.11
16.65	3.00	0.91	0.16	19.25	3.15	1.00	0.11
16.70	3.00	0.91	0.16	19.30	3.15	1.01	0.11
16.75	3.01	0.91	0.16	19.35	3.15	1.01	0.11
16.80	3.01	0.91	0.15	19.40	3.16	1.01	0.11
16.85	3.01	0.92	0.15	19.45	3.16	1.01	0.11
16.90	3.02	0.92	0.15	19.50	3.16	1.01	0.11
16.95	3.02	0.92	0.15	19.55	3.16	1.01	0.11
17.00	3.02	0.92	0.15	19.60	3.17	1.02	0.11
17.05	3.03	0.93	0.15	19.65	3.17	1.02	0.11
17.10	3.03	0.93	0.15	19.70	3.17	1.02	0.11
17.15	3.03	0.93	0.15	19.75	3.17	1.02	0.11
17.20	3.04	0.93	0.14	19.80	3.18	1.02	0.11
17.25	3.04	0.93	0.14	19.85	3.18	1.02	0.11
17.30	3.04	0.94	0.14	19.90	3.18	1.03	0.11
17.35	3.05	0.94	0.14	19.95	3.18	1.03	0.11
17.40	3.05	0.94	0.14	20.00	3.19	1.03	0.11
17.45	3.05	0.94	0.14	20.05	3.19	1.03	0.11
17.50	3.06	0.94	0.14	20.10	3.19	1.03	0.10
17.55	3.06	0.95	0.13	20.15	3.19	1.03	0.10
17.60	3.06	0.95	0.13	20.20	3.20	1.03	0.10
17.65	3.06	0.95	0.13	20.25	3.20	1.04	0.10
17.70	3.07	0.95	0.13	20.30	3.20	1.04	0.10
17.75	3.07	0.95	0.13	20.35	3.20	1.04	0.10
17.80	3.07	0.96	0.13	20.40	3.20	1.04	0.10
17.85	3.08	0.96	0.13	20.45	3.21	1.04	0.10
17.90	3.08	0.96	0.13	20.50	3.21	1.04	0.10
17.95	3.08	0.96	0.12	20.55	3.21	1.05	0.10
18.00	3.08	0.96	0.12	20.60	3.21	1.05	0.10
18.05	3.09	0.96	0.12	20.65	3.22	1.05	0.10
18.10	3.09	0.97	0.12	20.70	3.22	1.05	0.10
18.15	3.09	0.97	0.12	20.75	3.22	1.05	0.10

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.10	23.40	3.33	1.12	0.08
20.85	3.23	1.05	0.10	23.45	3.33	1.12	0.08
20.90	3.23	1.06	0.10	23.50	3.33	1.13	0.08
20.95	3.23	1.06	0.10	23.55	3.33	1.13	0.08
21.00	3.23	1.06	0.10	23.60	3.34	1.13	0.08
21.05	3.23	1.06	0.10	23.65	3.34	1.13	0.08
21.10	3.24	1.06	0.10	23.70	3.34	1.13	0.08
21.15	3.24	1.06	0.10	23.75	3.34	1.13	0.08
21.20	3.24	1.06	0.10	23.80	3.34	1.13	0.08
21.25	3.24	1.07	0.10	23.85	3.34	1.13	0.08
21.30	3.24	1.07	0.10	23.90	3.35	1.13	0.08
21.35	3.25	1.07	0.10	23.95	3.35	1.14	0.08
21.40	3.25	1.07	0.10	24.00	3.35	1.14	0.08
21.45	3.25	1.07	0.10	24.05	3.35	1.14	0.09
21.50	3.25	1.07	0.10	24.10	3.35	1.14	0.07
21.55	3.26	1.07	0.10	24.15	3.35	1.14	0.04
21.60	3.26	1.08	0.09	24.20	3.35	1.14	0.02
21.65	3.26	1.08	0.09	24.25	3.35	1.14	0.01
21.70	3.26	1.08	0.09	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.09	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.09	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.09	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.09	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.09	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.09	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.09	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.09	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.09	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.09	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.09	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.09	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.09	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.09	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.09	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.09	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.09	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.09	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.09	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.09	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.09	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.09	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.09	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.09	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.09	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.09	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.09	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.08	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.08	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.08	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.08	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.08	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.08	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 1.83" for Current 2 yr event
 Inflow = 1.99 cfs @ 12.18 hrs, Volume= 0.164 af
 Outflow = 0.10 cfs @ 14.54 hrs, Volume= 0.121 af, Atten= 95%, Lag= 141.9 min
 Primary = 0.10 cfs @ 14.54 hrs, Volume= 0.121 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.77' @ 14.54 hrs Surf.Area= 6,510 sf Storage= 4,658 cf

Plug-Flow detention time= 539.0 min calculated for 0.121 af (74% of inflow)
 Center-of-Mass det. time= 442.0 min (1,245.3 - 803.3)

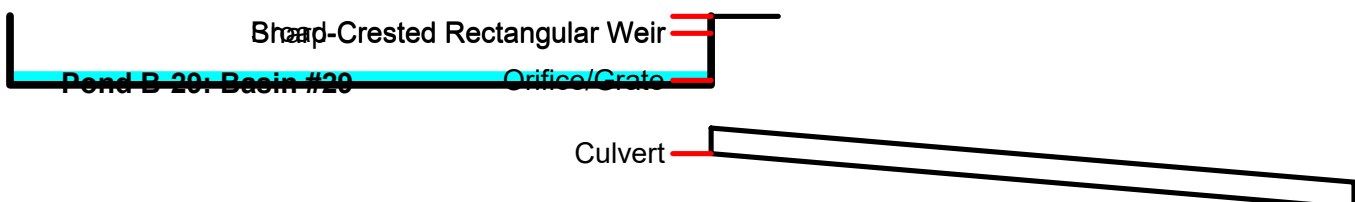
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	5,666	0	0
187.00	6,769	6,218	6,218
188.00	7,526	7,148	13,365
189.00	8,311	7,919	21,284
190.00	8,616	8,464	29,747

Device	Routing	Invert	Outlet Devices
#1	Primary	182.00'	18.0" Round Culvert L= 48.0' Ke= 0.500 Inlet / Outlet Invert= 182.00' / 178.85' S= 0.0656 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	186.27'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	189.99'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

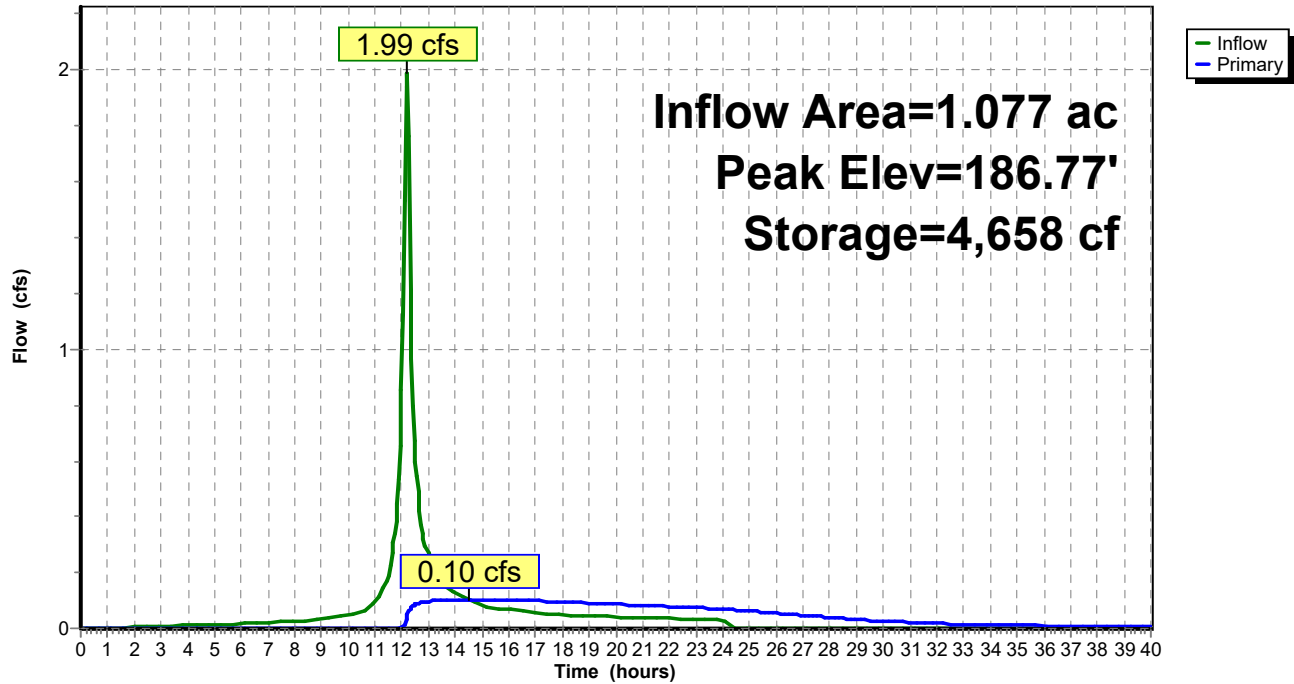
Primary OutFlow Max=0.10 cfs @ 14.54 hrs HW=186.77' (Free Discharge)

1=Culvert (Passes 0.10 cfs of 17.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.10 cfs @ 3.01 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	0	186.00	0.00
1.20	0.00	0	186.00	0.00
1.30	0.00	0	186.00	0.00
1.40	0.00	0	186.00	0.00
1.50	0.00	1	186.00	0.00
1.60	0.00	1	186.00	0.00
1.70	0.00	2	186.00	0.00
1.80	0.00	3	186.00	0.00
1.90	0.00	4	186.00	0.00
2.00	0.00	5	186.00	0.00
2.10	0.00	6	186.00	0.00
2.20	0.00	8	186.00	0.00
2.30	0.00	9	186.00	0.00
2.40	0.01	11	186.00	0.00
2.50	0.01	13	186.00	0.00
2.60	0.01	15	186.00	0.00
2.70	0.01	17	186.00	0.00
2.80	0.01	20	186.00	0.00
2.90	0.01	22	186.00	0.00
3.00	0.01	25	186.00	0.00
3.10	0.01	28	186.00	0.00
3.20	0.01	30	186.01	0.00
3.30	0.01	33	186.01	0.00
3.40	0.01	36	186.01	0.00
3.50	0.01	40	186.01	0.00
3.60	0.01	43	186.01	0.00
3.70	0.01	46	186.01	0.00
3.80	0.01	50	186.01	0.00
3.90	0.01	54	186.01	0.00
4.00	0.01	57	186.01	0.00
4.10	0.01	61	186.01	0.00
4.20	0.01	65	186.01	0.00
4.30	0.01	69	186.01	0.00
4.40	0.01	73	186.01	0.00
4.50	0.01	78	186.01	0.00
4.60	0.01	82	186.01	0.00
4.70	0.01	86	186.02	0.00
4.80	0.01	91	186.02	0.00
4.90	0.01	95	186.02	0.00
5.00	0.01	100	186.02	0.00
5.10	0.01	105	186.02	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	110	186.02	0.00
5.30	0.01	115	186.02	0.00
5.40	0.01	120	186.02	0.00
5.50	0.01	125	186.02	0.00
5.60	0.01	130	186.02	0.00
5.70	0.01	136	186.02	0.00
5.80	0.02	141	186.02	0.00
5.90	0.02	146	186.03	0.00
6.00	0.02	152	186.03	0.00
6.10	0.02	158	186.03	0.00
6.20	0.02	163	186.03	0.00
6.30	0.02	169	186.03	0.00
6.40	0.02	175	186.03	0.00
6.50	0.02	182	186.03	0.00
6.60	0.02	188	186.03	0.00
6.70	0.02	195	186.03	0.00
6.80	0.02	202	186.04	0.00
6.90	0.02	209	186.04	0.00
7.00	0.02	216	186.04	0.00
7.10	0.02	224	186.04	0.00
7.20	0.02	231	186.04	0.00
7.30	0.02	239	186.04	0.00
7.40	0.02	247	186.04	0.00
7.50	0.02	255	186.04	0.00
7.60	0.02	264	186.05	0.00
7.70	0.02	273	186.05	0.00
7.80	0.02	281	186.05	0.00
7.90	0.03	290	186.05	0.00
8.00	0.03	300	186.05	0.00
8.10	0.03	309	186.05	0.00
8.20	0.03	319	186.06	0.00
8.30	0.03	329	186.06	0.00
8.40	0.03	339	186.06	0.00
8.50	0.03	349	186.06	0.00
8.60	0.03	359	186.06	0.00
8.70	0.03	370	186.06	0.00
8.80	0.03	381	186.07	0.00
8.90	0.03	392	186.07	0.00
9.00	0.03	403	186.07	0.00
9.10	0.03	414	186.07	0.00
9.20	0.03	426	186.07	0.00
9.30	0.04	439	186.08	0.00
9.40	0.04	452	186.08	0.00
9.50	0.04	466	186.08	0.00
9.60	0.04	480	186.08	0.00
9.70	0.04	496	186.09	0.00
9.80	0.04	511	186.09	0.00
9.90	0.05	528	186.09	0.00
10.00	0.05	545	186.10	0.00
10.10	0.05	563	186.10	0.00
10.20	0.05	582	186.10	0.00
10.30	0.05	601	186.10	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	621	186.11	0.00
10.50	0.06	642	186.11	0.00
10.60	0.06	663	186.12	0.00
10.70	0.07	686	186.12	0.00
10.80	0.08	712	186.12	0.00
10.90	0.08	741	186.13	0.00
11.00	0.09	773	186.13	0.00
11.10	0.11	809	186.14	0.00
11.20	0.12	851	186.15	0.00
11.30	0.14	898	186.16	0.00
11.40	0.16	953	186.17	0.00
11.50	0.18	1,014	186.18	0.00
11.60	0.23	1,086	186.19	0.00
11.70	0.31	1,182	186.20	0.00
11.80	0.38	1,305	186.23	0.00
11.90	0.53	1,467	186.25	0.00
12.00	0.85	1,710	186.29	0.00
12.10	1.53	2,124	186.36	0.02
12.20	1.94	2,774	186.47	0.05
12.30	1.21	3,319	186.56	0.07
12.40	0.80	3,647	186.61	0.08
12.50	0.59	3,864	186.64	0.08
12.60	0.49	4,028	186.67	0.09
12.70	0.37	4,148	186.69	0.09
12.80	0.32	4,238	186.70	0.09
12.90	0.29	4,314	186.71	0.10
13.00	0.26	4,379	186.72	0.10
13.10	0.24	4,433	186.73	0.10
13.20	0.21	4,478	186.74	0.10
13.30	0.19	4,516	186.74	0.10
13.40	0.18	4,547	186.75	0.10
13.50	0.16	4,573	186.75	0.10
13.60	0.15	4,593	186.76	0.10
13.70	0.14	4,608	186.76	0.10
13.80	0.13	4,620	186.76	0.10
13.90	0.13	4,630	186.76	0.10
14.00	0.12	4,638	186.76	0.10
14.10	0.12	4,645	186.76	0.10
14.20	0.12	4,650	186.76	0.10
14.30	0.11	4,654	186.76	0.10
14.40	0.11	4,657	186.76	0.10
14.50	0.10	4,658	186.77	0.10
14.60	0.10	4,658	186.77	0.10
14.70	0.10	4,657	186.76	0.10
14.80	0.09	4,654	186.76	0.10
14.90	0.09	4,649	186.76	0.10
15.00	0.08	4,644	186.76	0.10
15.10	0.08	4,637	186.76	0.10
15.20	0.08	4,628	186.76	0.10
15.30	0.08	4,619	186.76	0.10
15.40	0.07	4,609	186.76	0.10
15.50	0.07	4,599	186.76	0.10

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.07	4,589	186.75	0.10
15.70	0.07	4,579	186.75	0.10
15.80	0.07	4,568	186.75	0.10
15.90	0.07	4,557	186.75	0.10
16.00	0.07	4,545	186.75	0.10
16.10	0.07	4,534	186.75	0.10
16.20	0.07	4,522	186.74	0.10
16.30	0.07	4,510	186.74	0.10
16.40	0.06	4,497	186.74	0.10
16.50	0.06	4,484	186.74	0.10
16.60	0.06	4,471	186.74	0.10
16.70	0.06	4,458	186.73	0.10
16.80	0.06	4,444	186.73	0.10
16.90	0.06	4,430	186.73	0.10
17.00	0.06	4,416	186.73	0.10
17.10	0.06	4,402	186.73	0.10
17.20	0.06	4,387	186.72	0.10
17.30	0.05	4,372	186.72	0.10
17.40	0.05	4,357	186.72	0.10
17.50	0.05	4,341	186.72	0.10
17.60	0.05	4,326	186.71	0.10
17.70	0.05	4,310	186.71	0.10
17.80	0.05	4,293	186.71	0.09
17.90	0.05	4,277	186.71	0.09
18.00	0.05	4,260	186.70	0.09
18.10	0.05	4,243	186.70	0.09
18.20	0.05	4,226	186.70	0.09
18.30	0.04	4,208	186.70	0.09
18.40	0.04	4,191	186.69	0.09
18.50	0.04	4,174	186.69	0.09
18.60	0.04	4,156	186.69	0.09
18.70	0.04	4,139	186.68	0.09
18.80	0.04	4,122	186.68	0.09
18.90	0.04	4,105	186.68	0.09
19.00	0.04	4,088	186.68	0.09
19.10	0.04	4,071	186.67	0.09
19.20	0.04	4,054	186.67	0.09
19.30	0.04	4,037	186.67	0.09
19.40	0.04	4,020	186.67	0.09
19.50	0.04	4,003	186.66	0.09
19.60	0.04	3,987	186.66	0.09
19.70	0.04	3,970	186.66	0.09
19.80	0.04	3,953	186.66	0.09
19.90	0.04	3,937	186.65	0.09
20.00	0.04	3,920	186.65	0.09
20.10	0.04	3,904	186.65	0.09
20.20	0.04	3,887	186.65	0.09
20.30	0.04	3,871	186.64	0.09
20.40	0.04	3,854	186.64	0.08
20.50	0.04	3,838	186.64	0.08
20.60	0.04	3,822	186.64	0.08
20.70	0.04	3,806	186.63	0.08

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	3,789	186.63	0.08
20.90	0.04	3,773	186.63	0.08
21.00	0.04	3,757	186.63	0.08
21.10	0.04	3,741	186.62	0.08
21.20	0.04	3,725	186.62	0.08
21.30	0.04	3,710	186.62	0.08
21.40	0.04	3,694	186.62	0.08
21.50	0.04	3,678	186.61	0.08
21.60	0.04	3,662	186.61	0.08
21.70	0.04	3,647	186.61	0.08
21.80	0.04	3,631	186.61	0.08
21.90	0.04	3,615	186.60	0.08
22.00	0.04	3,600	186.60	0.08
22.10	0.03	3,584	186.60	0.08
22.20	0.03	3,569	186.60	0.08
22.30	0.03	3,554	186.59	0.08
22.40	0.03	3,539	186.59	0.08
22.50	0.03	3,523	186.59	0.08
22.60	0.03	3,508	186.59	0.08
22.70	0.03	3,493	186.58	0.07
22.80	0.03	3,478	186.58	0.07
22.90	0.03	3,463	186.58	0.07
23.00	0.03	3,448	186.58	0.07
23.10	0.03	3,433	186.57	0.07
23.20	0.03	3,418	186.57	0.07
23.30	0.03	3,404	186.57	0.07
23.40	0.03	3,389	186.57	0.07
23.50	0.03	3,374	186.56	0.07
23.60	0.03	3,360	186.56	0.07
23.70	0.03	3,345	186.56	0.07
23.80	0.03	3,331	186.56	0.07
23.90	0.03	3,316	186.56	0.07
24.00	0.03	3,302	186.55	0.07
24.10	0.03	3,288	186.55	0.07
24.20	0.01	3,269	186.55	0.07
24.30	0.00	3,247	186.54	0.07
24.40	0.00	3,223	186.54	0.07
24.50	0.00	3,199	186.54	0.07
24.60	0.00	3,175	186.53	0.07
24.70	0.00	3,152	186.53	0.06
24.80	0.00	3,129	186.53	0.06
24.90	0.00	3,106	186.52	0.06
25.00	0.00	3,083	186.52	0.06
25.10	0.00	3,061	186.51	0.06
25.20	0.00	3,039	186.51	0.06
25.30	0.00	3,018	186.51	0.06
25.40	0.00	2,996	186.50	0.06
25.50	0.00	2,975	186.50	0.06
25.60	0.00	2,954	186.50	0.06
25.70	0.00	2,934	186.49	0.06
25.80	0.00	2,913	186.49	0.06
25.90	0.00	2,893	186.49	0.06

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,874	186.48	0.05
26.10	0.00	2,854	186.48	0.05
26.20	0.00	2,835	186.48	0.05
26.30	0.00	2,816	186.48	0.05
26.40	0.00	2,798	186.47	0.05
26.50	0.00	2,779	186.47	0.05
26.60	0.00	2,762	186.47	0.05
26.70	0.00	2,744	186.46	0.05
26.80	0.00	2,727	186.46	0.05
26.90	0.00	2,710	186.46	0.05
27.00	0.00	2,693	186.46	0.05
27.10	0.00	2,676	186.45	0.05
27.20	0.00	2,660	186.45	0.04
27.30	0.00	2,644	186.45	0.04
27.40	0.00	2,628	186.44	0.04
27.50	0.00	2,613	186.44	0.04
27.60	0.00	2,598	186.44	0.04
27.70	0.00	2,583	186.44	0.04
27.80	0.00	2,569	186.43	0.04
27.90	0.00	2,554	186.43	0.04
28.00	0.00	2,540	186.43	0.04
28.10	0.00	2,527	186.43	0.04
28.20	0.00	2,513	186.43	0.04
28.30	0.00	2,500	186.42	0.04
28.40	0.00	2,487	186.42	0.04
28.50	0.00	2,475	186.42	0.03
28.60	0.00	2,463	186.42	0.03
28.70	0.00	2,451	186.42	0.03
28.80	0.00	2,439	186.41	0.03
28.90	0.00	2,427	186.41	0.03
29.00	0.00	2,416	186.41	0.03
29.10	0.00	2,405	186.41	0.03
29.20	0.00	2,394	186.41	0.03
29.30	0.00	2,383	186.40	0.03
29.40	0.00	2,373	186.40	0.03
29.50	0.00	2,363	186.40	0.03
29.60	0.00	2,353	186.40	0.03
29.70	0.00	2,343	186.40	0.03
29.80	0.00	2,334	186.40	0.03
29.90	0.00	2,324	186.39	0.03
30.00	0.00	2,315	186.39	0.03
30.10	0.00	2,306	186.39	0.02
30.20	0.00	2,297	186.39	0.02
30.30	0.00	2,288	186.39	0.02
30.40	0.00	2,280	186.39	0.02
30.50	0.00	2,272	186.39	0.02
30.60	0.00	2,263	186.38	0.02
30.70	0.00	2,255	186.38	0.02
30.80	0.00	2,247	186.38	0.02
30.90	0.00	2,240	186.38	0.02
31.00	0.00	2,232	186.38	0.02
31.10	0.00	2,225	186.38	0.02

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,217	186.38	0.02
31.30	0.00	2,210	186.38	0.02
31.40	0.00	2,203	186.38	0.02
31.50	0.00	2,196	186.37	0.02
31.60	0.00	2,189	186.37	0.02
31.70	0.00	2,183	186.37	0.02
31.80	0.00	2,176	186.37	0.02
31.90	0.00	2,170	186.37	0.02
32.00	0.00	2,164	186.37	0.02
32.10	0.00	2,158	186.37	0.02
32.20	0.00	2,152	186.37	0.02
32.30	0.00	2,146	186.37	0.02
32.40	0.00	2,140	186.36	0.02
32.50	0.00	2,134	186.36	0.02
32.60	0.00	2,129	186.36	0.02
32.70	0.00	2,123	186.36	0.02
32.80	0.00	2,118	186.36	0.01
32.90	0.00	2,112	186.36	0.01
33.00	0.00	2,107	186.36	0.01
33.10	0.00	2,102	186.36	0.01
33.20	0.00	2,097	186.36	0.01
33.30	0.00	2,092	186.36	0.01
33.40	0.00	2,087	186.36	0.01
33.50	0.00	2,083	186.36	0.01
33.60	0.00	2,078	186.35	0.01
33.70	0.00	2,073	186.35	0.01
33.80	0.00	2,069	186.35	0.01
33.90	0.00	2,064	186.35	0.01
34.00	0.00	2,060	186.35	0.01
34.10	0.00	2,055	186.35	0.01
34.20	0.00	2,051	186.35	0.01
34.30	0.00	2,046	186.35	0.01
34.40	0.00	2,042	186.35	0.01
34.50	0.00	2,038	186.35	0.01
34.60	0.00	2,034	186.35	0.01
34.70	0.00	2,030	186.35	0.01
34.80	0.00	2,026	186.35	0.01
34.90	0.00	2,022	186.35	0.01
35.00	0.00	2,018	186.34	0.01
35.10	0.00	2,014	186.34	0.01
35.20	0.00	2,011	186.34	0.01
35.30	0.00	2,007	186.34	0.01
35.40	0.00	2,003	186.34	0.01
35.50	0.00	2,000	186.34	0.01
35.60	0.00	1,996	186.34	0.01
35.70	0.00	1,992	186.34	0.01
35.80	0.00	1,989	186.34	0.01
35.90	0.00	1,986	186.34	0.01
36.00	0.00	1,982	186.34	0.01
36.10	0.00	1,979	186.34	0.01
36.20	0.00	1,976	186.34	0.01
36.30	0.00	1,972	186.34	0.01

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,969	186.34	0.01
36.50	0.00	1,966	186.34	0.01
36.60	0.00	1,963	186.34	0.01
36.70	0.00	1,960	186.33	0.01
36.80	0.00	1,957	186.33	0.01
36.90	0.00	1,954	186.33	0.01
37.00	0.00	1,951	186.33	0.01
37.10	0.00	1,948	186.33	0.01
37.20	0.00	1,945	186.33	0.01
37.30	0.00	1,943	186.33	0.01
37.40	0.00	1,940	186.33	0.01
37.50	0.00	1,937	186.33	0.01
37.60	0.00	1,935	186.33	0.01
37.70	0.00	1,932	186.33	0.01
37.80	0.00	1,929	186.33	0.01
37.90	0.00	1,927	186.33	0.01
38.00	0.00	1,924	186.33	0.01
38.10	0.00	1,922	186.33	0.01
38.20	0.00	1,919	186.33	0.01
38.30	0.00	1,917	186.33	0.01
38.40	0.00	1,914	186.33	0.01
38.50	0.00	1,912	186.33	0.01
38.60	0.00	1,910	186.33	0.01
38.70	0.00	1,907	186.33	0.01
38.80	0.00	1,905	186.33	0.01
38.90	0.00	1,903	186.33	0.01
39.00	0.00	1,901	186.33	0.01
39.10	0.00	1,899	186.32	0.01
39.20	0.00	1,897	186.32	0.01
39.30	0.00	1,894	186.32	0.01
39.40	0.00	1,892	186.32	0.01
39.50	0.00	1,890	186.32	0.01
39.60	0.00	1,888	186.32	0.01
39.70	0.00	1,886	186.32	0.01
39.80	0.00	1,884	186.32	0.01
39.90	0.00	1,882	186.32	0.01
40.00	0.00	1,881	186.32	0.01

Stage-Discharge for Pond B-29: Basin #29

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.06	187.04	0.13	187.56	0.18
186.01	0.00	186.53	0.06	187.05	0.13	187.57	0.18
186.02	0.00	186.54	0.07	187.06	0.14	187.58	0.18
186.03	0.00	186.55	0.07	187.07	0.14	187.59	0.18
186.04	0.00	186.56	0.07	187.08	0.14	187.60	0.18
186.05	0.00	186.57	0.07	187.09	0.14	187.61	0.18
186.06	0.00	186.58	0.07	187.10	0.14	187.62	0.18
186.07	0.00	186.59	0.08	187.11	0.14	187.63	0.18
186.08	0.00	186.60	0.08	187.12	0.14	187.64	0.18
186.09	0.00	186.61	0.08	187.13	0.14	187.65	0.19
186.10	0.00	186.62	0.08	187.14	0.14	187.66	0.19
186.11	0.00	186.63	0.08	187.15	0.14	187.67	0.19
186.12	0.00	186.64	0.08	187.16	0.15	187.68	0.19
186.13	0.00	186.65	0.09	187.17	0.15	187.69	0.19
186.14	0.00	186.66	0.09	187.18	0.15	187.70	0.19
186.15	0.00	186.67	0.09	187.19	0.15	187.71	0.19
186.16	0.00	186.68	0.09	187.20	0.15	187.72	0.19
186.17	0.00	186.69	0.09	187.21	0.15	187.73	0.19
186.18	0.00	186.70	0.09	187.22	0.15	187.74	0.19
186.19	0.00	186.71	0.10	187.23	0.15	187.75	0.19
186.20	0.00	186.72	0.10	187.24	0.15	187.76	0.19
186.21	0.00	186.73	0.10	187.25	0.15	187.77	0.19
186.22	0.00	186.74	0.10	187.26	0.15	187.78	0.19
186.23	0.00	186.75	0.10	187.27	0.16	187.79	0.20
186.24	0.00	186.76	0.10	187.28	0.16	187.80	0.20
186.25	0.00	186.77	0.10	187.29	0.16	187.81	0.20
186.26	0.00	186.78	0.10	187.30	0.16	187.82	0.20
186.27	0.00	186.79	0.11	187.31	0.16	187.83	0.20
186.28	0.00	186.80	0.11	187.32	0.16	187.84	0.20
186.29	0.00	186.81	0.11	187.33	0.16	187.85	0.20
186.30	0.00	186.82	0.11	187.34	0.16	187.86	0.20
186.31	0.00	186.83	0.11	187.35	0.16	187.87	0.20
186.32	0.00	186.84	0.11	187.36	0.16	187.88	0.20
186.33	0.01	186.85	0.11	187.37	0.16	187.89	0.20
186.34	0.01	186.86	0.11	187.38	0.16	187.90	0.20
186.35	0.01	186.87	0.12	187.39	0.17	187.91	0.20
186.36	0.01	186.88	0.12	187.40	0.17	187.92	0.20
186.37	0.02	186.89	0.12	187.41	0.17	187.93	0.20
186.38	0.02	186.90	0.12	187.42	0.17	187.94	0.21
186.39	0.02	186.91	0.12	187.43	0.17	187.95	0.21
186.40	0.03	186.92	0.12	187.44	0.17	187.96	0.21
186.41	0.03	186.93	0.12	187.45	0.17	187.97	0.21
186.42	0.03	186.94	0.12	187.46	0.17	187.98	0.21
186.43	0.04	186.95	0.12	187.47	0.17	187.99	0.21
186.44	0.04	186.96	0.13	187.48	0.17	188.00	0.21
186.45	0.05	186.97	0.13	187.49	0.17	188.01	0.21
186.46	0.05	186.98	0.13	187.50	0.17	188.02	0.21
186.47	0.05	186.99	0.13	187.51	0.17	188.03	0.21
186.48	0.05	187.00	0.13	187.52	0.18	188.04	0.21
186.49	0.06	187.01	0.13	187.53	0.18	188.05	0.21
186.50	0.06	187.02	0.13	187.54	0.18	188.06	0.21
186.51	0.06	187.03	0.13	187.55	0.18	188.07	0.21

Stage-Discharge for Pond B-29: Basin #29 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.21	188.60	0.24	189.12	0.81	189.64	6.78
188.09	0.22	188.61	0.25	189.13	0.88	189.65	6.93
188.10	0.22	188.62	0.25	189.14	0.95	189.66	7.08
188.11	0.22	188.63	0.25	189.15	1.03	189.67	7.23
188.12	0.22	188.64	0.25	189.16	1.10	189.68	7.38
188.13	0.22	188.65	0.25	189.17	1.18	189.69	7.54
188.14	0.22	188.66	0.25	189.18	1.26	189.70	7.69
188.15	0.22	188.67	0.25	189.19	1.35	189.71	7.85
188.16	0.22	188.68	0.25	189.20	1.43	189.72	8.00
188.17	0.22	188.69	0.25	189.21	1.52	189.73	8.16
188.18	0.22	188.70	0.25	189.22	1.61	189.74	8.32
188.19	0.22	188.71	0.25	189.23	1.70	189.75	8.48
188.20	0.22	188.72	0.25	189.24	1.80	189.76	8.64
188.21	0.22	188.73	0.25	189.25	1.89	189.77	8.80
188.22	0.22	188.74	0.25	189.26	1.99	189.78	8.96
188.23	0.22	188.75	0.25	189.27	2.09	189.79	9.12
188.24	0.22	188.76	0.25	189.28	2.19	189.80	9.29
188.25	0.22	188.77	0.25	189.29	2.29	189.81	9.45
188.26	0.23	188.78	0.25	189.30	2.40	189.82	9.62
188.27	0.23	188.79	0.26	189.31	2.50	189.83	9.79
188.28	0.23	188.80	0.26	189.32	2.61	189.84	9.95
188.29	0.23	188.81	0.26	189.33	2.72	189.85	10.12
188.30	0.23	188.82	0.26	189.34	2.83	189.86	10.29
188.31	0.23	188.83	0.26	189.35	2.94	189.87	10.46
188.32	0.23	188.84	0.26	189.36	3.06	189.88	10.63
188.33	0.23	188.85	0.26	189.37	3.17	189.89	10.80
188.34	0.23	188.86	0.26	189.38	3.29	189.90	10.97
188.35	0.23	188.87	0.26	189.39	3.41	189.91	11.15
188.36	0.23	188.88	0.26	189.40	3.53	189.92	11.32
188.37	0.23	188.89	0.26	189.41	3.65	189.93	11.49
188.38	0.23	188.90	0.26	189.42	3.77	189.94	11.67
188.39	0.23	188.91	0.26	189.43	3.90	189.95	11.85
188.40	0.23	188.92	0.26	189.44	4.02	189.96	12.02
188.41	0.23	188.93	0.26	189.45	4.15	189.97	12.20
188.42	0.23	188.94	0.26	189.46	4.28	189.98	12.38
188.43	0.24	188.95	0.26	189.47	4.40	189.99	12.56
188.44	0.24	188.96	0.26	189.48	4.53	190.00	12.86
188.45	0.24	188.97	0.26	189.49	4.67		
188.46	0.24	188.98	0.26	189.50	4.80		
188.47	0.24	188.99	0.27	189.51	4.93		
188.48	0.24	189.00	0.27	189.52	5.07		
188.49	0.24	189.01	0.28	189.53	5.20		
188.50	0.24	189.02	0.30	189.54	5.34		
188.51	0.24	189.03	0.34	189.55	5.48		
188.52	0.24	189.04	0.37	189.56	5.62		
188.53	0.24	189.05	0.41	189.57	5.76		
188.54	0.24	189.06	0.46	189.58	5.90		
188.55	0.24	189.07	0.51	189.59	6.05		
188.56	0.24	189.08	0.56	189.60	6.19		
188.57	0.24	189.09	0.62	189.61	6.34		
188.58	0.24	189.10	0.68	189.62	6.48		
188.59	0.24	189.11	0.75	189.63	6.63		

Stage-Area-Storage for Pond B-29: Basin #29

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	5,666	0	186.52	6,240	3,095
186.01	5,677	57	186.53	6,251	3,158
186.02	5,688	114	186.54	6,262	3,220
186.03	5,699	170	186.55	6,273	3,283
186.04	5,710	228	186.56	6,284	3,346
186.05	5,721	285	186.57	6,295	3,409
186.06	5,732	342	186.58	6,306	3,472
186.07	5,743	399	186.59	6,317	3,535
186.08	5,754	457	186.60	6,328	3,598
186.09	5,765	514	186.61	6,339	3,661
186.10	5,776	572	186.62	6,350	3,725
186.11	5,787	630	186.63	6,361	3,788
186.12	5,798	688	186.64	6,372	3,852
186.13	5,809	746	186.65	6,383	3,916
186.14	5,820	804	186.66	6,394	3,980
186.15	5,831	862	186.67	6,405	4,044
186.16	5,842	921	186.68	6,416	4,108
186.17	5,854	979	186.69	6,427	4,172
186.18	5,865	1,038	186.70	6,438	4,236
186.19	5,876	1,096	186.71	6,449	4,301
186.20	5,887	1,155	186.72	6,460	4,365
186.21	5,898	1,214	186.73	6,471	4,430
186.22	5,909	1,273	186.74	6,482	4,495
186.23	5,920	1,332	186.75	6,493	4,560
186.24	5,931	1,392	186.76	6,504	4,625
186.25	5,942	1,451	186.77	6,515	4,690
186.26	5,953	1,510	186.78	6,526	4,755
186.27	5,964	1,570	186.79	6,537	4,820
186.28	5,975	1,630	186.80	6,548	4,886
186.29	5,986	1,690	186.81	6,559	4,951
186.30	5,997	1,749	186.82	6,570	5,017
186.31	6,008	1,809	186.83	6,581	5,083
186.32	6,019	1,870	186.84	6,593	5,149
186.33	6,030	1,930	186.85	6,604	5,215
186.34	6,041	1,990	186.86	6,615	5,281
186.35	6,052	2,051	186.87	6,626	5,347
186.36	6,063	2,111	186.88	6,637	5,413
186.37	6,074	2,172	186.89	6,648	5,480
186.38	6,085	2,233	186.90	6,659	5,546
186.39	6,096	2,294	186.91	6,670	5,613
186.40	6,107	2,355	186.92	6,681	5,680
186.41	6,118	2,416	186.93	6,692	5,746
186.42	6,129	2,477	186.94	6,703	5,813
186.43	6,140	2,538	186.95	6,714	5,880
186.44	6,151	2,600	186.96	6,725	5,948
186.45	6,162	2,661	186.97	6,736	6,015
186.46	6,173	2,723	186.98	6,747	6,082
186.47	6,184	2,785	186.99	6,758	6,150
186.48	6,195	2,847	187.00	6,769	6,218
186.49	6,206	2,909	187.01	6,777	6,285
186.50	6,218	2,971	187.02	6,784	6,353
186.51	6,229	3,033	187.03	6,792	6,421

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	6,799	6,489	187.56	7,193	10,127
187.05	6,807	6,557	187.57	7,200	10,199
187.06	6,814	6,625	187.58	7,208	10,271
187.07	6,822	6,693	187.59	7,216	10,343
187.08	6,830	6,761	187.60	7,223	10,415
187.09	6,837	6,830	187.61	7,231	10,487
187.10	6,845	6,898	187.62	7,238	10,560
187.11	6,852	6,967	187.63	7,246	10,632
187.12	6,860	7,035	187.64	7,253	10,705
187.13	6,867	7,104	187.65	7,261	10,777
187.14	6,875	7,173	187.66	7,269	10,850
187.15	6,883	7,241	187.67	7,276	10,923
187.16	6,890	7,310	187.68	7,284	10,995
187.17	6,898	7,379	187.69	7,291	11,068
187.18	6,905	7,448	187.70	7,299	11,141
187.19	6,913	7,517	187.71	7,306	11,214
187.20	6,920	7,586	187.72	7,314	11,287
187.21	6,928	7,656	187.73	7,322	11,361
187.22	6,936	7,725	187.74	7,329	11,434
187.23	6,943	7,794	187.75	7,337	11,507
187.24	6,951	7,864	187.76	7,344	11,581
187.25	6,958	7,933	187.77	7,352	11,654
187.26	6,966	8,003	187.78	7,359	11,728
187.27	6,973	8,073	187.79	7,367	11,801
187.28	6,981	8,142	187.80	7,375	11,875
187.29	6,989	8,212	187.81	7,382	11,949
187.30	6,996	8,282	187.82	7,390	12,023
187.31	7,004	8,352	187.83	7,397	12,097
187.32	7,011	8,422	187.84	7,405	12,171
187.33	7,019	8,492	187.85	7,412	12,245
187.34	7,026	8,563	187.86	7,420	12,319
187.35	7,034	8,633	187.87	7,428	12,393
187.36	7,042	8,703	187.88	7,435	12,467
187.37	7,049	8,774	187.89	7,443	12,542
187.38	7,057	8,844	187.90	7,450	12,616
187.39	7,064	8,915	187.91	7,458	12,691
187.40	7,072	8,986	187.92	7,465	12,765
187.41	7,079	9,056	187.93	7,473	12,840
187.42	7,087	9,127	187.94	7,481	12,915
187.43	7,095	9,198	187.95	7,488	12,990
187.44	7,102	9,269	187.96	7,496	13,065
187.45	7,110	9,340	187.97	7,503	13,140
187.46	7,117	9,411	187.98	7,511	13,215
187.47	7,125	9,483	187.99	7,518	13,290
187.48	7,132	9,554	188.00	7,526	13,365
187.49	7,140	9,625	188.01	7,534	13,440
187.50	7,148	9,697	188.02	7,542	13,516
187.51	7,155	9,768	188.03	7,550	13,591
187.52	7,163	9,840	188.04	7,557	13,667
187.53	7,170	9,911	188.05	7,565	13,742
187.54	7,178	9,983	188.06	7,573	13,818
187.55	7,185	10,055	188.07	7,581	13,894

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	7,589	13,970	188.60	7,997	18,022
188.09	7,597	14,046	188.61	8,005	18,102
188.10	7,604	14,122	188.62	8,013	18,182
188.11	7,612	14,198	188.63	8,021	18,262
188.12	7,620	14,274	188.64	8,028	18,342
188.13	7,628	14,350	188.65	8,036	18,423
188.14	7,636	14,426	188.66	8,044	18,503
188.15	7,644	14,503	188.67	8,052	18,584
188.16	7,652	14,579	188.68	8,060	18,664
188.17	7,659	14,656	188.69	8,068	18,745
188.18	7,667	14,732	188.70	8,075	18,826
188.19	7,675	14,809	188.71	8,083	18,906
188.20	7,683	14,886	188.72	8,091	18,987
188.21	7,691	14,963	188.73	8,099	19,068
188.22	7,699	15,040	188.74	8,107	19,149
188.23	7,707	15,117	188.75	8,115	19,230
188.24	7,714	15,194	188.76	8,123	19,311
188.25	7,722	15,271	188.77	8,130	19,393
188.26	7,730	15,348	188.78	8,138	19,474
188.27	7,738	15,426	188.79	8,146	19,555
188.28	7,746	15,503	188.80	8,154	19,637
188.29	7,754	15,581	188.81	8,162	19,719
188.30	7,762	15,658	188.82	8,170	19,800
188.31	7,769	15,736	188.83	8,178	19,882
188.32	7,777	15,814	188.84	8,185	19,964
188.33	7,785	15,891	188.85	8,193	20,046
188.34	7,793	15,969	188.86	8,201	20,128
188.35	7,801	16,047	188.87	8,209	20,210
188.36	7,809	16,125	188.88	8,217	20,292
188.37	7,816	16,203	188.89	8,225	20,374
188.38	7,824	16,282	188.90	8,233	20,456
188.39	7,832	16,360	188.91	8,240	20,539
188.40	7,840	16,438	188.92	8,248	20,621
188.41	7,848	16,517	188.93	8,256	20,704
188.42	7,856	16,595	188.94	8,264	20,786
188.43	7,864	16,674	188.95	8,272	20,869
188.44	7,871	16,752	188.96	8,280	20,952
188.45	7,879	16,831	188.97	8,287	21,035
188.46	7,887	16,910	188.98	8,295	21,117
188.47	7,895	16,989	188.99	8,303	21,200
188.48	7,903	17,068	189.00	8,311	21,284
188.49	7,911	17,147	189.01	8,314	21,367
188.50	7,919	17,226	189.02	8,317	21,450
188.51	7,926	17,305	189.03	8,320	21,533
188.52	7,934	17,385	189.04	8,323	21,616
188.53	7,942	17,464	189.05	8,326	21,699
188.54	7,950	17,543	189.06	8,329	21,783
188.55	7,958	17,623	189.07	8,332	21,866
188.56	7,966	17,703	189.08	8,335	21,949
188.57	7,973	17,782	189.09	8,338	22,033
188.58	7,981	17,862	189.10	8,341	22,116
188.59	7,989	17,942	189.11	8,345	22,200

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	8,348	22,283	189.64	8,506	26,665
189.13	8,351	22,367	189.65	8,509	26,750
189.14	8,354	22,450	189.66	8,512	26,835
189.15	8,357	22,534	189.67	8,515	26,920
189.16	8,360	22,617	189.68	8,518	27,005
189.17	8,363	22,701	189.69	8,521	27,091
189.18	8,366	22,784	189.70	8,524	27,176
189.19	8,369	22,868	189.71	8,528	27,261
189.20	8,372	22,952	189.72	8,531	27,346
189.21	8,375	23,036	189.73	8,534	27,432
189.22	8,378	23,119	189.74	8,537	27,517
189.23	8,381	23,203	189.75	8,540	27,603
189.24	8,384	23,287	189.76	8,543	27,688
189.25	8,387	23,371	189.77	8,546	27,773
189.26	8,390	23,455	189.78	8,549	27,859
189.27	8,393	23,539	189.79	8,552	27,944
189.28	8,396	23,623	189.80	8,555	28,030
189.29	8,399	23,707	189.81	8,558	28,115
189.30	8,403	23,791	189.82	8,561	28,201
189.31	8,406	23,875	189.83	8,564	28,287
189.32	8,409	23,959	189.84	8,567	28,372
189.33	8,412	24,043	189.85	8,570	28,458
189.34	8,415	24,127	189.86	8,573	28,544
189.35	8,418	24,211	189.87	8,576	28,629
189.36	8,421	24,295	189.88	8,579	28,715
189.37	8,424	24,379	189.89	8,582	28,801
189.38	8,427	24,464	189.90	8,586	28,887
189.39	8,430	24,548	189.91	8,589	28,973
189.40	8,433	24,632	189.92	8,592	29,059
189.41	8,436	24,717	189.93	8,595	29,145
189.42	8,439	24,801	189.94	8,598	29,231
189.43	8,442	24,885	189.95	8,601	29,317
189.44	8,445	24,970	189.96	8,604	29,403
189.45	8,448	25,054	189.97	8,607	29,489
189.46	8,451	25,139	189.98	8,610	29,575
189.47	8,454	25,223	189.99	8,613	29,661
189.48	8,457	25,308	190.00	8,616	29,747
189.49	8,460	25,393			
189.50	8,464	25,477			
189.51	8,467	25,562			
189.52	8,470	25,646			
189.53	8,473	25,731			
189.54	8,476	25,816			
189.55	8,479	25,901			
189.56	8,482	25,985			
189.57	8,485	26,070			
189.58	8,488	26,155			
189.59	8,491	26,240			
189.60	8,494	26,325			
189.61	8,497	26,410			
189.62	8,500	26,495			
189.63	8,503	26,580			

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth > 1.56" for Current 2 yr event
 Inflow = 5.52 cfs @ 12.20 hrs, Volume= 0.746 af
 Outflow = 2.18 cfs @ 12.66 hrs, Volume= 0.677 af, Atten= 61%, Lag= 27.7 min
 Primary = 2.18 cfs @ 12.66 hrs, Volume= 0.677 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 176.77' @ 12.66 hrs Surf.Area= 11,418 sf Storage= 8,306 cf

Plug-Flow detention time= 160.6 min calculated for 0.676 af (91% of inflow)
 Center-of-Mass det. time= 94.2 min (1,038.0 - 943.8)

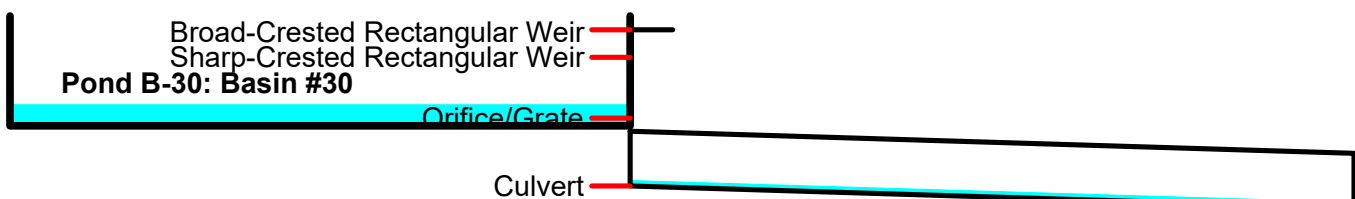
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	53,558 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	10,254	0	0
177.00	11,773	11,014	11,014
178.00	13,346	12,560	23,573
179.00	14,978	14,162	37,735
180.00	16,667	15,823	53,558

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 ' S= 0.0094 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.28'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	179.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

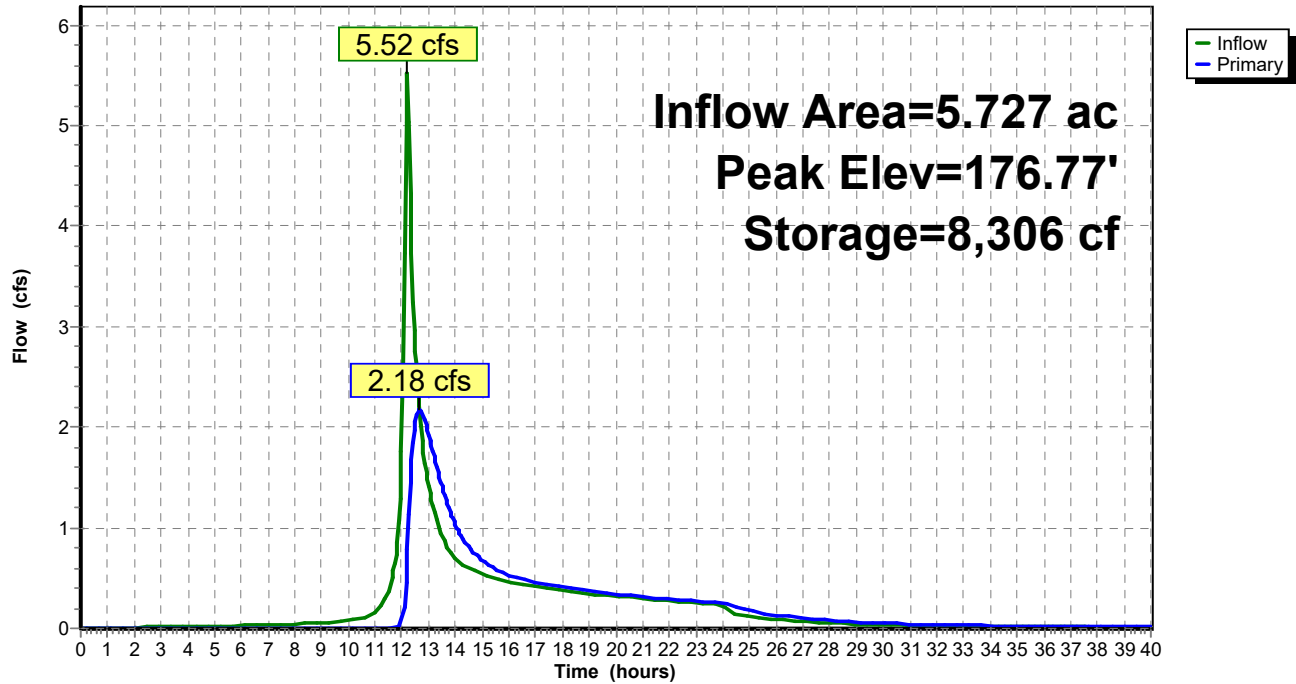
Primary OutFlow Max=2.18 cfs @ 12.66 hrs HW=176.77' (Free Discharge)

1=Culvert (Passes 2.18 cfs of 20.94 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.18 cfs @ 2.24 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	0	176.00	0.00
0.50	0.00	0	176.00	0.00
0.60	0.00	0	176.00	0.00
0.70	0.00	0	176.00	0.00
0.80	0.00	0	176.00	0.00
0.90	0.00	0	176.00	0.00
1.00	0.00	0	176.00	0.00
1.10	0.00	0	176.00	0.00
1.20	0.00	0	176.00	0.00
1.30	0.00	0	176.00	0.00
1.40	0.00	0	176.00	0.00
1.50	0.00	1	176.00	0.00
1.60	0.00	2	176.00	0.00
1.70	0.00	3	176.00	0.00
1.80	0.00	5	176.00	0.00
1.90	0.01	6	176.00	0.00
2.00	0.01	8	176.00	0.00
2.10	0.01	11	176.00	0.00
2.20	0.01	13	176.00	0.00
2.30	0.01	16	176.00	0.00
2.40	0.01	19	176.00	0.00
2.50	0.01	22	176.00	0.00
2.60	0.01	26	176.00	0.00
2.70	0.01	30	176.00	0.00
2.80	0.01	34	176.00	0.00
2.90	0.01	38	176.00	0.00
3.00	0.01	42	176.00	0.00
3.10	0.01	47	176.00	0.00
3.20	0.01	52	176.01	0.00
3.30	0.01	57	176.01	0.00
3.40	0.01	62	176.01	0.00
3.50	0.02	68	176.01	0.00
3.60	0.02	73	176.01	0.00
3.70	0.02	79	176.01	0.00
3.80	0.02	85	176.01	0.00
3.90	0.02	92	176.01	0.00
4.00	0.02	98	176.01	0.00
4.10	0.02	105	176.01	0.00
4.20	0.02	111	176.01	0.00
4.30	0.02	118	176.01	0.00
4.40	0.02	125	176.01	0.00
4.50	0.02	133	176.01	0.00
4.60	0.02	140	176.01	0.00
4.70	0.02	148	176.01	0.00
4.80	0.02	155	176.02	0.00
4.90	0.02	163	176.02	0.00
5.00	0.02	171	176.02	0.00
5.10	0.02	180	176.02	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	188	176.02	0.00
5.30	0.02	196	176.02	0.00
5.40	0.02	205	176.02	0.00
5.50	0.02	214	176.02	0.00
5.60	0.03	223	176.02	0.00
5.70	0.03	232	176.02	0.00
5.80	0.03	241	176.02	0.00
5.90	0.03	250	176.02	0.00
6.00	0.03	260	176.03	0.00
6.10	0.03	270	176.03	0.00
6.20	0.03	279	176.03	0.00
6.30	0.03	290	176.03	0.00
6.40	0.03	300	176.03	0.00
6.50	0.03	311	176.03	0.00
6.60	0.03	322	176.03	0.00
6.70	0.03	333	176.03	0.00
6.80	0.03	345	176.03	0.00
6.90	0.03	357	176.03	0.00
7.00	0.03	370	176.04	0.00
7.10	0.04	382	176.04	0.00
7.20	0.04	396	176.04	0.00
7.30	0.04	409	176.04	0.00
7.40	0.04	423	176.04	0.00
7.50	0.04	437	176.04	0.00
7.60	0.04	451	176.04	0.00
7.70	0.04	466	176.05	0.00
7.80	0.04	481	176.05	0.00
7.90	0.04	497	176.05	0.00
8.00	0.04	512	176.05	0.00
8.10	0.05	529	176.05	0.00
8.20	0.05	545	176.05	0.00
8.30	0.05	562	176.05	0.00
8.40	0.05	579	176.06	0.00
8.50	0.05	596	176.06	0.00
8.60	0.05	614	176.06	0.00
8.70	0.05	632	176.06	0.00
8.80	0.05	651	176.06	0.00
8.90	0.05	670	176.06	0.00
9.00	0.05	689	176.07	0.00
9.10	0.06	709	176.07	0.00
9.20	0.06	729	176.07	0.00
9.30	0.06	750	176.07	0.00
9.40	0.06	773	176.07	0.00
9.50	0.07	797	176.08	0.00
9.60	0.07	821	176.08	0.00
9.70	0.07	847	176.08	0.00
9.80	0.08	875	176.08	0.00
9.90	0.08	903	176.09	0.00
10.00	0.08	932	176.09	0.00
10.10	0.09	963	176.09	0.00
10.20	0.09	995	176.10	0.00
10.30	0.09	1,028	176.10	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	1,062	176.10	0.00
10.50	0.10	1,097	176.11	0.00
10.60	0.11	1,134	176.11	0.00
10.70	0.12	1,174	176.11	0.00
10.80	0.13	1,218	176.12	0.00
10.90	0.15	1,268	176.12	0.00
11.00	0.17	1,325	176.13	0.00
11.10	0.19	1,389	176.13	0.00
11.20	0.22	1,462	176.14	0.00
11.30	0.26	1,548	176.15	0.00
11.40	0.30	1,647	176.16	0.00
11.50	0.34	1,761	176.17	0.00
11.60	0.42	1,895	176.18	0.00
11.70	0.58	2,076	176.20	0.00
11.80	0.73	2,309	176.22	0.00
11.90	1.04	2,623	176.25	0.00
12.00	1.76	3,104	176.30	0.02
12.10	3.73	4,022	176.38	0.21
12.20	5.52	5,593	176.53	0.78
12.30	4.33	6,982	176.65	1.44
12.40	3.25	7,737	176.72	1.85
12.50	2.76	8,102	176.75	2.06
12.60	2.43	8,278	176.76	2.16
12.70	2.02	8,295	176.77	2.17
12.80	1.75	8,197	176.76	2.12
12.90	1.56	8,044	176.74	2.03
13.00	1.41	7,866	176.73	1.92
13.10	1.27	7,675	176.71	1.82
13.20	1.15	7,477	176.69	1.71
13.30	1.06	7,280	176.68	1.60
13.40	0.98	7,089	176.66	1.50
13.50	0.92	6,908	176.64	1.40
13.60	0.85	6,736	176.63	1.32
13.70	0.79	6,570	176.61	1.23
13.80	0.74	6,416	176.60	1.16
13.90	0.71	6,273	176.59	1.09
14.00	0.69	6,144	176.57	1.03
14.10	0.67	6,027	176.56	0.97
14.20	0.65	5,923	176.55	0.93
14.30	0.63	5,828	176.55	0.88
14.40	0.61	5,741	176.54	0.85
14.50	0.60	5,662	176.53	0.81
14.60	0.59	5,590	176.52	0.78
14.70	0.57	5,524	176.52	0.75
14.80	0.56	5,463	176.51	0.72
14.90	0.55	5,405	176.51	0.70
15.00	0.53	5,351	176.50	0.68
15.10	0.52	5,300	176.50	0.66
15.20	0.51	5,251	176.49	0.64
15.30	0.50	5,206	176.49	0.62
15.40	0.49	5,164	176.49	0.60
15.50	0.49	5,126	176.48	0.59

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	5,092	176.48	0.57
15.70	0.48	5,060	176.48	0.56
15.80	0.47	5,030	176.47	0.55
15.90	0.47	5,003	176.47	0.54
16.00	0.46	4,977	176.47	0.53
16.10	0.46	4,953	176.47	0.52
16.20	0.45	4,931	176.46	0.51
16.30	0.45	4,910	176.46	0.50
16.40	0.44	4,890	176.46	0.50
16.50	0.44	4,871	176.46	0.49
16.60	0.43	4,853	176.46	0.48
16.70	0.43	4,836	176.46	0.48
16.80	0.43	4,820	176.45	0.47
16.90	0.42	4,804	176.45	0.46
17.00	0.42	4,788	176.45	0.46
17.10	0.41	4,773	176.45	0.45
17.20	0.41	4,759	176.45	0.45
17.30	0.40	4,745	176.45	0.44
17.40	0.40	4,731	176.45	0.44
17.50	0.39	4,717	176.45	0.43
17.60	0.39	4,703	176.44	0.43
17.70	0.39	4,690	176.44	0.42
17.80	0.38	4,676	176.44	0.42
17.90	0.38	4,663	176.44	0.41
18.00	0.37	4,649	176.44	0.41
18.10	0.37	4,636	176.44	0.40
18.20	0.36	4,622	176.44	0.40
18.30	0.36	4,609	176.44	0.39
18.40	0.35	4,596	176.43	0.39
18.50	0.35	4,584	176.43	0.39
18.60	0.35	4,572	176.43	0.38
18.70	0.35	4,560	176.43	0.38
18.80	0.34	4,549	176.43	0.37
18.90	0.34	4,539	176.43	0.37
19.00	0.34	4,528	176.43	0.37
19.10	0.34	4,519	176.43	0.36
19.20	0.34	4,509	176.43	0.36
19.30	0.33	4,500	176.43	0.36
19.40	0.33	4,491	176.42	0.36
19.50	0.33	4,482	176.42	0.35
19.60	0.33	4,474	176.42	0.35
19.70	0.32	4,465	176.42	0.35
19.80	0.32	4,457	176.42	0.34
19.90	0.32	4,449	176.42	0.34
20.00	0.32	4,442	176.42	0.34
20.10	0.32	4,434	176.42	0.34
20.20	0.31	4,427	176.42	0.33
20.30	0.31	4,419	176.42	0.33
20.40	0.31	4,412	176.42	0.33
20.50	0.31	4,404	176.42	0.33
20.60	0.30	4,397	176.42	0.32
20.70	0.30	4,390	176.42	0.32

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.30	4,383	176.41	0.32
20.90	0.30	4,376	176.41	0.32
21.00	0.30	4,369	176.41	0.32
21.10	0.29	4,362	176.41	0.31
21.20	0.29	4,355	176.41	0.31
21.30	0.29	4,348	176.41	0.31
21.40	0.29	4,341	176.41	0.31
21.50	0.28	4,334	176.41	0.30
21.60	0.28	4,328	176.41	0.30
21.70	0.28	4,321	176.41	0.30
21.80	0.28	4,314	176.41	0.30
21.90	0.28	4,307	176.41	0.29
22.00	0.27	4,300	176.41	0.29
22.10	0.27	4,294	176.41	0.29
22.20	0.27	4,287	176.41	0.29
22.30	0.27	4,280	176.41	0.29
22.40	0.26	4,273	176.40	0.28
22.50	0.26	4,267	176.40	0.28
22.60	0.26	4,260	176.40	0.28
22.70	0.26	4,253	176.40	0.28
22.80	0.26	4,246	176.40	0.27
22.90	0.25	4,240	176.40	0.27
23.00	0.25	4,233	176.40	0.27
23.10	0.25	4,226	176.40	0.27
23.20	0.25	4,219	176.40	0.27
23.30	0.24	4,213	176.40	0.26
23.40	0.24	4,206	176.40	0.26
23.50	0.24	4,199	176.40	0.26
23.60	0.24	4,192	176.40	0.26
23.70	0.24	4,184	176.40	0.26
23.80	0.23	4,177	176.40	0.25
23.90	0.23	4,170	176.40	0.25
24.00	0.23	4,163	176.39	0.25
24.10	0.22	4,156	176.39	0.25
24.20	0.18	4,139	176.39	0.24
24.30	0.15	4,112	176.39	0.24
24.40	0.14	4,082	176.39	0.23
24.50	0.14	4,051	176.38	0.22
24.60	0.13	4,022	176.38	0.21
24.70	0.12	3,993	176.38	0.20
24.80	0.12	3,966	176.38	0.19
24.90	0.12	3,939	176.37	0.19
25.00	0.11	3,915	176.37	0.18
25.10	0.11	3,891	176.37	0.17
25.20	0.11	3,868	176.37	0.17
25.30	0.10	3,847	176.37	0.16
25.40	0.10	3,826	176.36	0.16
25.50	0.10	3,807	176.36	0.15
25.60	0.09	3,788	176.36	0.14
25.70	0.09	3,770	176.36	0.14
25.80	0.09	3,753	176.36	0.14
25.90	0.09	3,736	176.35	0.13

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.08	3,719	176.35	0.13
26.10	0.08	3,703	176.35	0.13
26.20	0.08	3,687	176.35	0.12
26.30	0.08	3,672	176.35	0.12
26.40	0.08	3,657	176.35	0.12
26.50	0.07	3,643	176.35	0.11
26.60	0.07	3,629	176.35	0.11
26.70	0.07	3,616	176.34	0.11
26.80	0.07	3,602	176.34	0.10
26.90	0.07	3,590	176.34	0.10
27.00	0.06	3,577	176.34	0.10
27.10	0.06	3,565	176.34	0.10
27.20	0.06	3,553	176.34	0.09
27.30	0.06	3,542	176.34	0.09
27.40	0.06	3,531	176.34	0.09
27.50	0.06	3,521	176.34	0.09
27.60	0.06	3,510	176.33	0.08
27.70	0.06	3,501	176.33	0.08
27.80	0.05	3,491	176.33	0.08
27.90	0.05	3,481	176.33	0.08
28.00	0.05	3,472	176.33	0.08
28.10	0.05	3,463	176.33	0.07
28.20	0.05	3,455	176.33	0.07
28.30	0.05	3,446	176.33	0.07
28.40	0.05	3,438	176.33	0.07
28.50	0.04	3,430	176.33	0.07
28.60	0.04	3,422	176.33	0.07
28.70	0.04	3,415	176.33	0.06
28.80	0.04	3,407	176.32	0.06
28.90	0.04	3,400	176.32	0.06
29.00	0.04	3,393	176.32	0.06
29.10	0.04	3,387	176.32	0.06
29.20	0.04	3,380	176.32	0.06
29.30	0.04	3,374	176.32	0.05
29.40	0.04	3,368	176.32	0.05
29.50	0.04	3,362	176.32	0.05
29.60	0.03	3,356	176.32	0.05
29.70	0.03	3,350	176.32	0.05
29.80	0.03	3,344	176.32	0.05
29.90	0.03	3,338	176.32	0.05
30.00	0.03	3,333	176.32	0.05
30.10	0.03	3,327	176.32	0.05
30.20	0.03	3,321	176.32	0.05
30.30	0.03	3,315	176.32	0.05
30.40	0.03	3,310	176.32	0.05
30.50	0.03	3,304	176.31	0.04
30.60	0.03	3,298	176.31	0.04
30.70	0.03	3,293	176.31	0.04
30.80	0.03	3,287	176.31	0.04
30.90	0.03	3,281	176.31	0.04
31.00	0.03	3,276	176.31	0.04
31.10	0.03	3,270	176.31	0.04

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.03	3,265	176.31	0.04
31.30	0.02	3,259	176.31	0.04
31.40	0.02	3,254	176.31	0.04
31.50	0.02	3,249	176.31	0.04
31.60	0.02	3,244	176.31	0.04
31.70	0.02	3,238	176.31	0.04
31.80	0.02	3,233	176.31	0.04
31.90	0.02	3,228	176.31	0.04
32.00	0.02	3,223	176.31	0.04
32.10	0.02	3,218	176.31	0.03
32.20	0.02	3,213	176.31	0.03
32.30	0.02	3,208	176.31	0.03
32.40	0.02	3,204	176.31	0.03
32.50	0.02	3,199	176.31	0.03
32.60	0.02	3,194	176.30	0.03
32.70	0.02	3,190	176.30	0.03
32.80	0.02	3,185	176.30	0.03
32.90	0.02	3,181	176.30	0.03
33.00	0.02	3,176	176.30	0.03
33.10	0.02	3,172	176.30	0.03
33.20	0.02	3,168	176.30	0.03
33.30	0.02	3,164	176.30	0.03
33.40	0.02	3,160	176.30	0.03
33.50	0.02	3,156	176.30	0.03
33.60	0.02	3,152	176.30	0.03
33.70	0.02	3,148	176.30	0.03
33.80	0.02	3,144	176.30	0.03
33.90	0.02	3,141	176.30	0.03
34.00	0.02	3,137	176.30	0.02
34.10	0.01	3,134	176.30	0.02
34.20	0.01	3,130	176.30	0.02
34.30	0.01	3,127	176.30	0.02
34.40	0.01	3,124	176.30	0.02
34.50	0.01	3,121	176.30	0.02
34.60	0.01	3,118	176.30	0.02
34.70	0.01	3,114	176.30	0.02
34.80	0.01	3,112	176.30	0.02
34.90	0.01	3,109	176.30	0.02
35.00	0.01	3,106	176.30	0.02
35.10	0.01	3,103	176.30	0.02
35.20	0.01	3,100	176.30	0.02
35.30	0.01	3,097	176.30	0.02
35.40	0.01	3,095	176.30	0.02
35.50	0.01	3,092	176.30	0.02
35.60	0.01	3,090	176.29	0.02
35.70	0.01	3,087	176.29	0.02
35.80	0.01	3,085	176.29	0.02
35.90	0.01	3,082	176.29	0.02
36.00	0.01	3,080	176.29	0.02
36.10	0.01	3,078	176.29	0.02
36.20	0.01	3,075	176.29	0.02
36.30	0.01	3,073	176.29	0.02

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	3,071	176.29	0.02
36.50	0.01	3,069	176.29	0.02
36.60	0.01	3,067	176.29	0.02
36.70	0.01	3,064	176.29	0.02
36.80	0.01	3,062	176.29	0.02
36.90	0.01	3,060	176.29	0.02
37.00	0.01	3,058	176.29	0.02
37.10	0.01	3,056	176.29	0.02
37.20	0.01	3,055	176.29	0.01
37.30	0.01	3,053	176.29	0.01
37.40	0.01	3,051	176.29	0.01
37.50	0.01	3,049	176.29	0.01
37.60	0.01	3,047	176.29	0.01
37.70	0.01	3,046	176.29	0.01
37.80	0.01	3,044	176.29	0.01
37.90	0.01	3,042	176.29	0.01
38.00	0.01	3,040	176.29	0.01
38.10	0.01	3,039	176.29	0.01
38.20	0.01	3,037	176.29	0.01
38.30	0.01	3,036	176.29	0.01
38.40	0.01	3,034	176.29	0.01
38.50	0.01	3,033	176.29	0.01
38.60	0.01	3,031	176.29	0.01
38.70	0.01	3,030	176.29	0.01
38.80	0.01	3,028	176.29	0.01
38.90	0.01	3,027	176.29	0.01
39.00	0.01	3,025	176.29	0.01
39.10	0.01	3,024	176.29	0.01
39.20	0.01	3,023	176.29	0.01
39.30	0.01	3,021	176.29	0.01
39.40	0.01	3,020	176.29	0.01
39.50	0.01	3,019	176.29	0.01
39.60	0.01	3,017	176.29	0.01
39.70	0.01	3,016	176.29	0.01
39.80	0.01	3,015	176.29	0.01
39.90	0.01	3,014	176.29	0.01
40.00	0.01	3,012	176.29	0.01

Stage-Discharge for Pond B-30: Basin #30

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.75	177.04	3.40	177.56	4.87
176.01	0.00	176.53	0.80	177.05	3.44	177.57	4.90
176.02	0.00	176.54	0.85	177.06	3.47	177.58	4.92
176.03	0.00	176.55	0.90	177.07	3.51	177.59	4.95
176.04	0.00	176.56	0.95	177.08	3.54	177.60	4.97
176.05	0.00	176.57	1.00	177.09	3.57	177.61	4.99
176.06	0.00	176.58	1.05	177.10	3.60	177.62	5.02
176.07	0.00	176.59	1.11	177.11	3.64	177.63	5.04
176.08	0.00	176.60	1.16	177.12	3.67	177.64	5.06
176.09	0.00	176.61	1.22	177.13	3.70	177.65	5.09
176.10	0.00	176.62	1.27	177.14	3.73	177.66	5.11
176.11	0.00	176.63	1.33	177.15	3.76	177.67	5.13
176.12	0.00	176.64	1.39	177.16	3.80	177.68	5.15
176.13	0.00	176.65	1.44	177.17	3.83	177.69	5.18
176.14	0.00	176.66	1.50	177.18	3.86	177.70	5.20
176.15	0.00	176.67	1.56	177.19	3.89	177.71	5.22
176.16	0.00	176.68	1.62	177.20	3.92	177.72	5.24
176.17	0.00	176.69	1.69	177.21	3.95	177.73	5.26
176.18	0.00	176.70	1.75	177.22	3.98	177.74	5.29
176.19	0.00	176.71	1.81	177.23	4.01	177.75	5.31
176.20	0.00	176.72	1.87	177.24	4.04	177.76	5.33
176.21	0.00	176.73	1.94	177.25	4.06	177.77	5.35
176.22	0.00	176.74	2.00	177.26	4.09	177.78	5.37
176.23	0.00	176.75	2.07	177.27	4.12	177.79	5.40
176.24	0.00	176.76	2.13	177.28	4.15	177.80	5.42
176.25	0.00	176.77	2.20	177.29	4.18	177.81	5.44
176.26	0.00	176.78	2.27	177.30	4.21	177.82	5.46
176.27	0.00	176.79	2.33	177.31	4.23	177.83	5.48
176.28	0.00	176.80	2.39	177.32	4.26	177.84	5.50
176.29	0.01	176.81	2.44	177.33	4.29	177.85	5.52
176.30	0.02	176.82	2.50	177.34	4.32	177.86	5.54
176.31	0.03	176.83	2.55	177.35	4.34	177.87	5.57
176.32	0.05	176.84	2.60	177.36	4.37	177.88	5.59
176.33	0.07	176.85	2.64	177.37	4.40	177.89	5.61
176.34	0.09	176.86	2.69	177.38	4.42	177.90	5.63
176.35	0.12	176.87	2.74	177.39	4.45	177.91	5.65
176.36	0.15	176.88	2.78	177.40	4.48	177.92	5.67
176.37	0.17	176.89	2.82	177.41	4.50	177.93	5.69
176.38	0.20	176.90	2.87	177.42	4.53	177.94	5.71
176.39	0.23	176.91	2.91	177.43	4.55	177.95	5.73
176.40	0.27	176.92	2.95	177.44	4.58	177.96	5.75
176.41	0.30	176.93	2.99	177.45	4.60	177.97	5.77
176.42	0.34	176.94	3.03	177.46	4.63	177.98	5.79
176.43	0.37	176.95	3.07	177.47	4.65	177.99	5.81
176.44	0.41	176.96	3.11	177.48	4.68	178.00	5.83
176.45	0.45	176.97	3.15	177.49	4.70	178.01	5.85
176.46	0.49	176.98	3.19	177.50	4.73	178.02	5.87
176.47	0.53	176.99	3.22	177.51	4.75	178.03	5.89
176.48	0.57	177.00	3.26	177.52	4.78	178.04	5.91
176.49	0.62	177.01	3.30	177.53	4.80	178.05	5.93
176.50	0.66	177.02	3.33	177.54	4.83	178.06	5.95
176.51	0.71	177.03	3.37	177.55	4.85	178.07	5.97

Stage-Discharge for Pond B-30: Basin #30 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	5.99	178.60	7.33	179.12	13.93	179.64	29.67
178.09	6.01	178.61	7.41	179.13	14.10	179.65	30.55
178.10	6.03	178.62	7.50	179.14	14.26	179.66	31.46
178.11	6.05	178.63	7.58	179.15	14.42	179.67	32.38
178.12	6.07	178.64	7.67	179.16	14.59	179.68	33.33
178.13	6.08	178.65	7.76	179.17	14.75	179.69	34.30
178.14	6.10	178.66	7.85	179.18	14.92	179.70	35.30
178.15	6.12	178.67	7.95	179.19	15.09	179.71	36.35
178.16	6.14	178.68	8.05	179.20	15.26	179.72	37.43
178.17	6.16	178.69	8.15	179.21	15.43	179.73	38.54
178.18	6.18	178.70	8.25	179.22	15.60	179.74	39.67
178.19	6.20	178.71	8.35	179.23	15.77	179.75	40.83
178.20	6.22	178.72	8.46	179.24	15.94	179.76	42.01
178.21	6.24	178.73	8.56	179.25	16.12	179.77	43.22
178.22	6.25	178.74	8.67	179.26	16.29	179.78	44.46
178.23	6.27	178.75	8.78	179.27	16.46	179.79	45.72
178.24	6.29	178.76	8.90	179.28	16.64	179.80	47.00
178.25	6.31	178.77	9.01	179.29	16.82	179.81	48.31
178.26	6.33	178.78	9.13	179.30	17.00	179.82	49.65
178.27	6.35	178.79	9.25	179.31	17.17	179.83	51.01
178.28	6.36	178.80	9.37	179.32	17.35	179.84	52.39
178.29	6.38	178.81	9.49	179.33	17.53	179.85	53.80
178.30	6.40	178.82	9.61	179.34	17.72	179.86	55.23
178.31	6.42	178.83	9.74	179.35	17.90	179.87	56.69
178.32	6.44	178.84	9.86	179.36	18.08	179.88	58.18
178.33	6.45	178.85	9.99	179.37	18.26	179.89	59.68
178.34	6.47	178.86	10.12	179.38	18.45	179.90	61.22
178.35	6.49	178.87	10.25	179.39	18.63	179.91	62.80
178.36	6.51	178.88	10.38	179.40	18.82	179.92	64.41
178.37	6.53	178.89	10.52	179.41	19.01	179.93	66.05
178.38	6.54	178.90	10.65	179.42	19.19	179.94	67.71
178.39	6.56	178.91	10.79	179.43	19.38	179.95	69.40
178.40	6.58	178.92	10.93	179.44	19.57	179.96	71.12
178.41	6.60	178.93	11.06	179.45	19.76	179.97	72.87
178.42	6.61	178.94	11.21	179.46	19.95	179.98	74.64
178.43	6.63	178.95	11.35	179.47	20.14	179.99	76.43
178.44	6.65	178.96	11.49	179.48	20.34	180.00	78.26
178.45	6.67	178.97	11.63	179.49	20.53		
178.46	6.68	178.98	11.78	179.50	20.72		
178.47	6.70	178.99	11.93	179.51	21.03		
178.48	6.72	179.00	12.07	179.52	21.44		
178.49	6.74	179.01	12.22	179.53	21.92		
178.50	6.75	179.02	12.37	179.54	22.44		
178.51	6.78	179.03	12.52	179.55	23.01		
178.52	6.82	179.04	12.68	179.56	23.62		
178.53	6.87	179.05	12.83	179.57	24.27		
178.54	6.93	179.06	12.98	179.58	24.95		
178.55	6.98	179.07	13.14	179.59	25.67		
178.56	7.05	179.08	13.30	179.60	26.41		
178.57	7.11	179.09	13.45	179.61	27.19		
178.58	7.18	179.10	13.61	179.62	27.99		
178.59	7.26	179.11	13.77	179.63	28.82		

Stage-Area-Storage for Pond B-30: Basin #30

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	10,254	0	176.52	11,044	5,537
176.01	10,269	103	176.53	11,059	5,648
176.02	10,284	205	176.54	11,074	5,759
176.03	10,300	308	176.55	11,089	5,869
176.04	10,315	411	176.56	11,105	5,980
176.05	10,330	515	176.57	11,120	6,092
176.06	10,345	618	176.58	11,135	6,203
176.07	10,360	722	176.59	11,150	6,314
176.08	10,376	825	176.60	11,165	6,426
176.09	10,391	929	176.61	11,181	6,538
176.10	10,406	1,033	176.62	11,196	6,649
176.11	10,421	1,137	176.63	11,211	6,761
176.12	10,436	1,241	176.64	11,226	6,874
176.13	10,451	1,346	176.65	11,241	6,986
176.14	10,467	1,450	176.66	11,257	7,098
176.15	10,482	1,555	176.67	11,272	7,211
176.16	10,497	1,660	176.68	11,287	7,324
176.17	10,512	1,765	176.69	11,302	7,437
176.18	10,527	1,870	176.70	11,317	7,550
176.19	10,543	1,976	176.71	11,332	7,663
176.20	10,558	2,081	176.72	11,348	7,777
176.21	10,573	2,187	176.73	11,363	7,890
176.22	10,588	2,293	176.74	11,378	8,004
176.23	10,603	2,399	176.75	11,393	8,118
176.24	10,619	2,505	176.76	11,408	8,232
176.25	10,634	2,611	176.77	11,424	8,346
176.26	10,649	2,717	176.78	11,439	8,460
176.27	10,664	2,824	176.79	11,454	8,575
176.28	10,679	2,931	176.80	11,469	8,689
176.29	10,695	3,038	176.81	11,484	8,804
176.30	10,710	3,145	176.82	11,500	8,919
176.31	10,725	3,252	176.83	11,515	9,034
176.32	10,740	3,359	176.84	11,530	9,149
176.33	10,755	3,467	176.85	11,545	9,265
176.34	10,770	3,574	176.86	11,560	9,380
176.35	10,786	3,682	176.87	11,576	9,496
176.36	10,801	3,790	176.88	11,591	9,612
176.37	10,816	3,898	176.89	11,606	9,728
176.38	10,831	4,006	176.90	11,621	9,844
176.39	10,846	4,115	176.91	11,636	9,960
176.40	10,862	4,223	176.92	11,651	10,077
176.41	10,877	4,332	176.93	11,667	10,193
176.42	10,892	4,441	176.94	11,682	10,310
176.43	10,907	4,550	176.95	11,697	10,427
176.44	10,922	4,659	176.96	11,712	10,544
176.45	10,938	4,768	176.97	11,727	10,661
176.46	10,953	4,878	176.98	11,743	10,778
176.47	10,968	4,987	176.99	11,758	10,896
176.48	10,983	5,097	177.00	11,773	11,014
176.49	10,998	5,207	177.01	11,789	11,131
176.50	11,014	5,317	177.02	11,804	11,249
176.51	11,029	5,427	177.03	11,820	11,367

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	11,836	11,486	177.56	12,654	17,853
177.05	11,852	11,604	177.57	12,670	17,980
177.06	11,867	11,723	177.58	12,685	18,106
177.07	11,883	11,841	177.59	12,701	18,233
177.08	11,899	11,960	177.60	12,717	18,360
177.09	11,915	12,079	177.61	12,733	18,488
177.10	11,930	12,199	177.62	12,748	18,615
177.11	11,946	12,318	177.63	12,764	18,743
177.12	11,962	12,438	177.64	12,780	18,870
177.13	11,977	12,557	177.65	12,795	18,998
177.14	11,993	12,677	177.66	12,811	19,126
177.15	12,009	12,797	177.67	12,827	19,254
177.16	12,025	12,917	177.68	12,843	19,383
177.17	12,040	13,038	177.69	12,858	19,511
177.18	12,056	13,158	177.70	12,874	19,640
177.19	12,072	13,279	177.71	12,890	19,769
177.20	12,088	13,400	177.72	12,906	19,898
177.21	12,103	13,521	177.73	12,921	20,027
177.22	12,119	13,642	177.74	12,937	20,156
177.23	12,135	13,763	177.75	12,953	20,286
177.24	12,151	13,884	177.76	12,968	20,415
177.25	12,166	14,006	177.77	12,984	20,545
177.26	12,182	14,128	177.78	13,000	20,675
177.27	12,198	14,250	177.79	13,016	20,805
177.28	12,213	14,372	177.80	13,031	20,935
177.29	12,229	14,494	177.81	13,047	21,066
177.30	12,245	14,616	177.82	13,063	21,196
177.31	12,261	14,739	177.83	13,079	21,327
177.32	12,276	14,861	177.84	13,094	21,458
177.33	12,292	14,984	177.85	13,110	21,589
177.34	12,308	15,107	177.86	13,126	21,720
177.35	12,324	15,230	177.87	13,142	21,851
177.36	12,339	15,354	177.88	13,157	21,983
177.37	12,355	15,477	177.89	13,173	22,114
177.38	12,371	15,601	177.90	13,189	22,246
177.39	12,386	15,725	177.91	13,204	22,378
177.40	12,402	15,849	177.92	13,220	22,510
177.41	12,418	15,973	177.93	13,236	22,643
177.42	12,434	16,097	177.94	13,252	22,775
177.43	12,449	16,221	177.95	13,267	22,908
177.44	12,465	16,346	177.96	13,283	23,040
177.45	12,481	16,471	177.97	13,299	23,173
177.46	12,497	16,596	177.98	13,315	23,306
177.47	12,512	16,721	177.99	13,330	23,440
177.48	12,528	16,846	178.00	13,346	23,573
177.49	12,544	16,971	178.01	13,362	23,707
177.50	12,560	17,097	178.02	13,379	23,840
177.51	12,575	17,222	178.03	13,395	23,974
177.52	12,591	17,348	178.04	13,411	24,108
177.53	12,607	17,474	178.05	13,428	24,242
177.54	12,622	17,600	178.06	13,444	24,377
177.55	12,638	17,727	178.07	13,460	24,511

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	13,477	24,646	178.60	14,325	31,874
178.09	13,493	24,781	178.61	14,342	32,018
178.10	13,509	24,916	178.62	14,358	32,161
178.11	13,526	25,051	178.63	14,374	32,305
178.12	13,542	25,186	178.64	14,390	32,449
178.13	13,558	25,322	178.65	14,407	32,593
178.14	13,574	25,457	178.66	14,423	32,737
178.15	13,591	25,593	178.67	14,439	32,881
178.16	13,607	25,729	178.68	14,456	33,026
178.17	13,623	25,865	178.69	14,472	33,170
178.18	13,640	26,002	178.70	14,488	33,315
178.19	13,656	26,138	178.71	14,505	33,460
178.20	13,672	26,275	178.72	14,521	33,605
178.21	13,689	26,412	178.73	14,537	33,750
178.22	13,705	26,549	178.74	14,554	33,896
178.23	13,721	26,686	178.75	14,570	34,042
178.24	13,738	26,823	178.76	14,586	34,187
178.25	13,754	26,961	178.77	14,603	34,333
178.26	13,770	27,098	178.78	14,619	34,479
178.27	13,787	27,236	178.79	14,635	34,626
178.28	13,803	27,374	178.80	14,652	34,772
178.29	13,819	27,512	178.81	14,668	34,919
178.30	13,836	27,650	178.82	14,684	35,065
178.31	13,852	27,789	178.83	14,701	35,212
178.32	13,868	27,927	178.84	14,717	35,359
178.33	13,885	28,066	178.85	14,733	35,507
178.34	13,901	28,205	178.86	14,750	35,654
178.35	13,917	28,344	178.87	14,766	35,802
178.36	13,934	28,483	178.88	14,782	35,949
178.37	13,950	28,623	178.89	14,798	36,097
178.38	13,966	28,762	178.90	14,815	36,245
178.39	13,982	28,902	178.91	14,831	36,394
178.40	13,999	29,042	178.92	14,847	36,542
178.41	14,015	29,182	178.93	14,864	36,691
178.42	14,031	29,322	178.94	14,880	36,839
178.43	14,048	29,463	178.95	14,896	36,988
178.44	14,064	29,603	178.96	14,913	37,137
178.45	14,080	29,744	178.97	14,929	37,286
178.46	14,097	29,885	178.98	14,945	37,436
178.47	14,113	30,026	178.99	14,962	37,585
178.48	14,129	30,167	179.00	14,978	37,735
178.49	14,146	30,308	179.01	14,995	37,885
178.50	14,162	30,450	179.02	15,012	38,035
178.51	14,178	30,592	179.03	15,029	38,185
178.52	14,195	30,734	179.04	15,046	38,335
178.53	14,211	30,876	179.05	15,062	38,486
178.54	14,227	31,018	179.06	15,079	38,637
178.55	14,244	31,160	179.07	15,096	38,788
178.56	14,260	31,303	179.08	15,113	38,939
178.57	14,276	31,445	179.09	15,130	39,090
178.58	14,293	31,588	179.10	15,147	39,241
178.59	14,309	31,731	179.11	15,164	39,393

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	15,181	39,545	179.64	16,059	47,667
179.13	15,198	39,696	179.65	16,076	47,828
179.14	15,214	39,848	179.66	16,093	47,988
179.15	15,231	40,001	179.67	16,110	48,149
179.16	15,248	40,153	179.68	16,127	48,311
179.17	15,265	40,306	179.69	16,143	48,472
179.18	15,282	40,458	179.70	16,160	48,633
179.19	15,299	40,611	179.71	16,177	48,795
179.20	15,316	40,764	179.72	16,194	48,957
179.21	15,333	40,918	179.73	16,211	49,119
179.22	15,350	41,071	179.74	16,228	49,281
179.23	15,366	41,225	179.75	16,245	49,444
179.24	15,383	41,378	179.76	16,262	49,606
179.25	15,400	41,532	179.77	16,279	49,769
179.26	15,417	41,686	179.78	16,295	49,932
179.27	15,434	41,841	179.79	16,312	50,095
179.28	15,451	41,995	179.80	16,329	50,258
179.29	15,468	42,150	179.81	16,346	50,421
179.30	15,485	42,304	179.82	16,363	50,585
179.31	15,502	42,459	179.83	16,380	50,749
179.32	15,518	42,614	179.84	16,397	50,912
179.33	15,535	42,770	179.85	16,414	51,076
179.34	15,552	42,925	179.86	16,431	51,241
179.35	15,569	43,081	179.87	16,447	51,405
179.36	15,586	43,237	179.88	16,464	51,570
179.37	15,603	43,392	179.89	16,481	51,734
179.38	15,620	43,549	179.90	16,498	51,899
179.39	15,637	43,705	179.91	16,515	52,064
179.40	15,654	43,861	179.92	16,532	52,230
179.41	15,670	44,018	179.93	16,549	52,395
179.42	15,687	44,175	179.94	16,566	52,561
179.43	15,704	44,332	179.95	16,583	52,726
179.44	15,721	44,489	179.96	16,599	52,892
179.45	15,738	44,646	179.97	16,616	53,058
179.46	15,755	44,804	179.98	16,633	53,224
179.47	15,772	44,961	179.99	16,650	53,391
179.48	15,789	45,119	180.00	16,667	53,558
179.49	15,806	45,277			
179.50	15,823	45,435			
179.51	15,839	45,593			
179.52	15,856	45,752			
179.53	15,873	45,911			
179.54	15,890	46,069			
179.55	15,907	46,228			
179.56	15,924	46,388			
179.57	15,941	46,547			
179.58	15,958	46,706			
179.59	15,975	46,866			
179.60	15,991	47,026			
179.61	16,008	47,186			
179.62	16,025	47,346			
179.63	16,042	47,506			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 2.68" for Current 2 yr event
 Inflow = 2.42 cfs @ 12.17 hrs, Volume= 0.206 af
 Outflow = 0.48 cfs @ 12.64 hrs, Volume= 0.141 af, Atten= 80%, Lag= 28.3 min
 Primary = 0.48 cfs @ 12.64 hrs, Volume= 0.141 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.09' @ 12.64 hrs Surf.Area= 3,309 sf Storage= 5,444 cf

Plug-Flow detention time= 387.2 min calculated for 0.141 af (69% of inflow)
 Center-of-Mass det. time= 287.0 min (1,057.3 - 770.4)

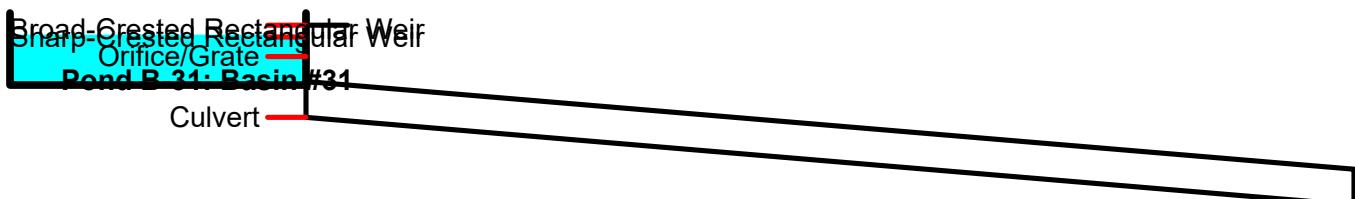
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	8,773 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	1,944	0	0
194.00	2,566	2,255	2,255
195.00	3,245	2,906	5,161
196.00	3,980	3,613	8,773

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.19'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

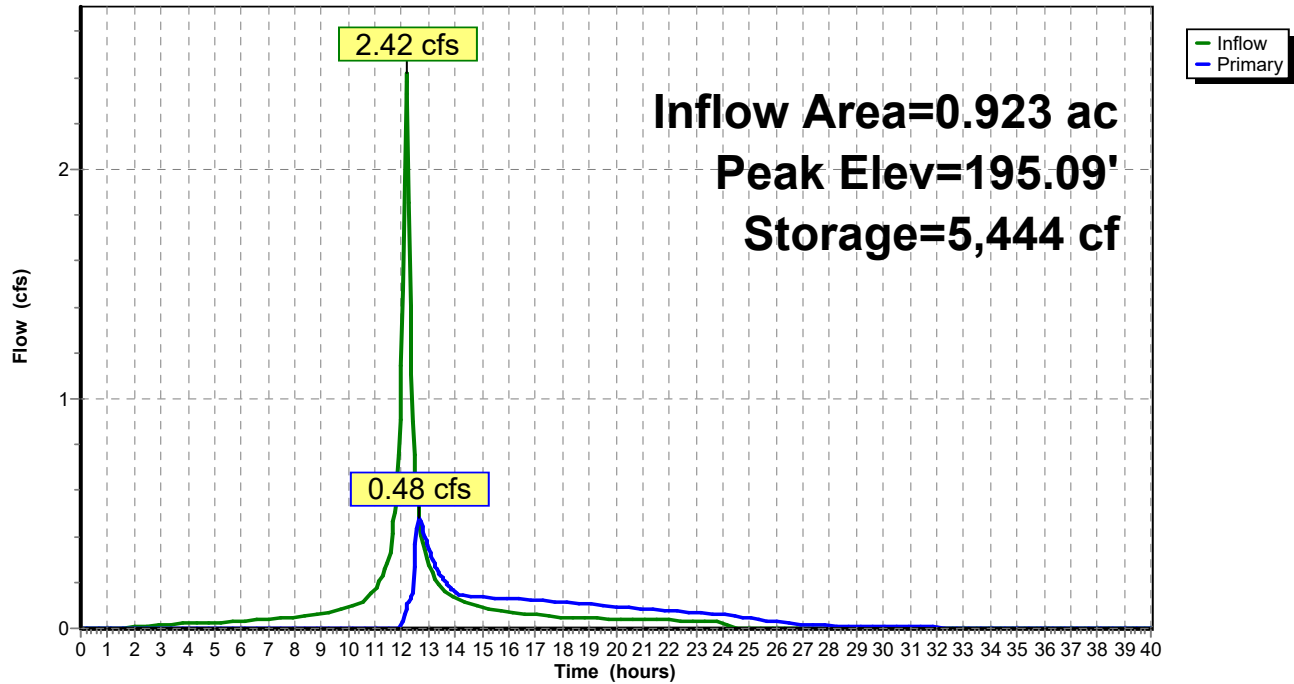
Primary OutFlow Max=0.48 cfs @ 12.64 hrs HW=195.09' (Free Discharge)

1=Culvert (Passes 0.48 cfs of 13.95 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.29 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.33 cfs @ 0.96 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-31: Basin #31

Hydrograph



Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	0	193.00	0.00
0.50	0.00	0	193.00	0.00
0.60	0.00	0	193.00	0.00
0.70	0.00	0	193.00	0.00
0.80	0.00	0	193.00	0.00
0.90	0.00	0	193.00	0.00
1.00	0.00	0	193.00	0.00
1.10	0.00	0	193.00	0.00
1.20	0.00	0	193.00	0.00
1.30	0.00	0	193.00	0.00
1.40	0.00	0	193.00	0.00
1.50	0.00	1	193.00	0.00
1.60	0.00	2	193.00	0.00
1.70	0.00	3	193.00	0.00
1.80	0.01	5	193.00	0.00
1.90	0.01	7	193.00	0.00
2.00	0.01	9	193.00	0.00
2.10	0.01	12	193.01	0.00
2.20	0.01	15	193.01	0.00
2.30	0.01	18	193.01	0.00
2.40	0.01	21	193.01	0.00
2.50	0.01	25	193.01	0.00
2.60	0.01	29	193.01	0.00
2.70	0.01	33	193.02	0.00
2.80	0.01	38	193.02	0.00
2.90	0.01	42	193.02	0.00
3.00	0.01	47	193.02	0.00
3.10	0.01	53	193.03	0.00
3.20	0.02	58	193.03	0.00
3.30	0.02	64	193.03	0.00
3.40	0.02	69	193.04	0.00
3.50	0.02	76	193.04	0.00
3.60	0.02	82	193.04	0.00
3.70	0.02	88	193.05	0.00
3.80	0.02	95	193.05	0.00
3.90	0.02	102	193.05	0.00
4.00	0.02	109	193.06	0.00
4.10	0.02	117	193.06	0.00
4.20	0.02	124	193.06	0.00
4.30	0.02	132	193.07	0.00
4.40	0.02	140	193.07	0.00
4.50	0.02	148	193.08	0.00
4.60	0.02	156	193.08	0.00
4.70	0.02	165	193.08	0.00
4.80	0.02	173	193.09	0.00
4.90	0.02	182	193.09	0.00
5.00	0.03	191	193.10	0.00
5.10	0.03	200	193.10	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	209	193.11	0.00
5.30	0.03	219	193.11	0.00
5.40	0.03	229	193.12	0.00
5.50	0.03	238	193.12	0.00
5.60	0.03	248	193.13	0.00
5.70	0.03	259	193.13	0.00
5.80	0.03	269	193.14	0.00
5.90	0.03	279	193.14	0.00
6.00	0.03	290	193.15	0.00
6.10	0.03	301	193.15	0.00
6.20	0.03	312	193.16	0.00
6.30	0.03	323	193.16	0.00
6.40	0.03	335	193.17	0.00
6.50	0.03	347	193.17	0.00
6.60	0.03	359	193.18	0.00
6.70	0.04	372	193.19	0.00
6.80	0.04	385	193.19	0.00
6.90	0.04	398	193.20	0.00
7.00	0.04	412	193.21	0.00
7.10	0.04	426	193.21	0.00
7.20	0.04	441	193.22	0.00
7.30	0.04	456	193.23	0.00
7.40	0.04	471	193.23	0.00
7.50	0.04	487	193.24	0.00
7.60	0.05	503	193.25	0.00
7.70	0.05	520	193.26	0.00
7.80	0.05	537	193.26	0.00
7.90	0.05	554	193.27	0.00
8.00	0.05	571	193.28	0.00
8.10	0.05	589	193.29	0.00
8.20	0.05	608	193.30	0.00
8.30	0.05	626	193.31	0.00
8.40	0.05	646	193.32	0.00
8.50	0.05	665	193.33	0.00
8.60	0.06	685	193.33	0.00
8.70	0.06	705	193.34	0.00
8.80	0.06	726	193.35	0.00
8.90	0.06	747	193.36	0.00
9.00	0.06	768	193.37	0.00
9.10	0.06	790	193.38	0.00
9.20	0.06	813	193.39	0.00
9.30	0.07	837	193.40	0.00
9.40	0.07	862	193.42	0.00
9.50	0.08	888	193.43	0.00
9.60	0.08	916	193.44	0.00
9.70	0.08	945	193.45	0.00
9.80	0.09	975	193.47	0.00
9.90	0.09	1,007	193.48	0.00
10.00	0.09	1,040	193.50	0.00
10.10	0.10	1,074	193.51	0.00
10.20	0.10	1,109	193.53	0.00
10.30	0.10	1,146	193.54	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,184	193.56	0.00
10.50	0.11	1,223	193.58	0.00
10.60	0.12	1,265	193.59	0.00
10.70	0.13	1,309	193.61	0.00
10.80	0.14	1,358	193.63	0.00
10.90	0.16	1,411	193.66	0.00
11.00	0.17	1,470	193.68	0.00
11.10	0.19	1,534	193.71	0.00
11.20	0.21	1,606	193.74	0.00
11.30	0.24	1,688	193.77	0.00
11.40	0.27	1,778	193.81	0.00
11.50	0.29	1,879	193.85	0.00
11.60	0.35	1,993	193.90	0.00
11.70	0.46	2,142	193.96	0.00
11.80	0.56	2,325	194.03	0.00
11.90	0.76	2,559	194.12	0.00
12.00	1.15	2,893	194.24	0.01
12.10	1.94	3,425	194.43	0.06
12.20	2.33	4,208	194.70	0.10
12.30	1.41	4,838	194.90	0.13
12.40	0.90	5,197	195.01	0.16
12.50	0.66	5,378	195.07	0.37
12.60	0.54	5,440	195.09	0.47
12.70	0.41	5,437	195.08	0.47
12.80	0.35	5,411	195.08	0.42
12.90	0.31	5,386	195.07	0.38
13.00	0.28	5,362	195.06	0.35
13.10	0.25	5,340	195.05	0.32
13.20	0.23	5,318	195.05	0.28
13.30	0.21	5,299	195.04	0.26
13.40	0.19	5,282	195.04	0.24
13.50	0.18	5,265	195.03	0.22
13.60	0.16	5,249	195.03	0.21
13.70	0.15	5,232	195.02	0.19
13.80	0.14	5,218	195.02	0.18
13.90	0.13	5,206	195.01	0.16
14.00	0.13	5,196	195.01	0.15
14.10	0.13	5,188	195.01	0.15
14.20	0.12	5,179	195.01	0.15
14.30	0.12	5,170	195.00	0.14
14.40	0.11	5,161	195.00	0.14
14.50	0.11	5,152	195.00	0.14
14.60	0.11	5,141	194.99	0.14
14.70	0.10	5,129	194.99	0.14
14.80	0.10	5,115	194.99	0.14
14.90	0.09	5,100	194.98	0.14
15.00	0.09	5,084	194.98	0.14
15.10	0.08	5,066	194.97	0.14
15.20	0.08	5,047	194.96	0.13
15.30	0.08	5,027	194.96	0.13
15.40	0.08	5,008	194.95	0.13
15.50	0.08	4,987	194.95	0.13

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.08	4,967	194.94	0.13
15.70	0.07	4,947	194.93	0.13
15.80	0.07	4,926	194.93	0.13
15.90	0.07	4,905	194.92	0.13
16.00	0.07	4,884	194.91	0.13
16.10	0.07	4,863	194.91	0.13
16.20	0.07	4,842	194.90	0.13
16.30	0.07	4,820	194.89	0.13
16.40	0.07	4,799	194.89	0.13
16.50	0.07	4,777	194.88	0.13
16.60	0.06	4,755	194.87	0.12
16.70	0.06	4,733	194.87	0.12
16.80	0.06	4,711	194.86	0.12
16.90	0.06	4,689	194.85	0.12
17.00	0.06	4,667	194.85	0.12
17.10	0.06	4,644	194.84	0.12
17.20	0.06	4,622	194.83	0.12
17.30	0.06	4,599	194.82	0.12
17.40	0.06	4,576	194.82	0.12
17.50	0.05	4,553	194.81	0.12
17.60	0.05	4,530	194.80	0.12
17.70	0.05	4,507	194.79	0.12
17.80	0.05	4,484	194.79	0.12
17.90	0.05	4,461	194.78	0.11
18.00	0.05	4,437	194.77	0.11
18.10	0.05	4,414	194.76	0.11
18.20	0.05	4,391	194.76	0.11
18.30	0.05	4,367	194.75	0.11
18.40	0.05	4,344	194.74	0.11
18.50	0.05	4,321	194.73	0.11
18.60	0.04	4,298	194.73	0.11
18.70	0.04	4,276	194.72	0.11
18.80	0.04	4,253	194.71	0.11
18.90	0.04	4,231	194.70	0.11
19.00	0.04	4,209	194.70	0.10
19.10	0.04	4,188	194.69	0.10
19.20	0.04	4,166	194.68	0.10
19.30	0.04	4,145	194.68	0.10
19.40	0.04	4,124	194.67	0.10
19.50	0.04	4,104	194.66	0.10
19.60	0.04	4,083	194.66	0.10
19.70	0.04	4,063	194.65	0.10
19.80	0.04	4,043	194.64	0.10
19.90	0.04	4,023	194.64	0.10
20.00	0.04	4,004	194.63	0.09
20.10	0.04	3,984	194.62	0.09
20.20	0.04	3,965	194.62	0.09
20.30	0.04	3,947	194.61	0.09
20.40	0.04	3,928	194.60	0.09
20.50	0.04	3,910	194.60	0.09
20.60	0.04	3,891	194.59	0.09
20.70	0.04	3,873	194.59	0.09

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	3,856	194.58	0.09
20.90	0.04	3,838	194.57	0.09
21.00	0.04	3,821	194.57	0.09
21.10	0.04	3,804	194.56	0.08
21.20	0.04	3,787	194.56	0.08
21.30	0.04	3,771	194.55	0.08
21.40	0.04	3,754	194.55	0.08
21.50	0.04	3,738	194.54	0.08
21.60	0.04	3,722	194.53	0.08
21.70	0.04	3,707	194.53	0.08
21.80	0.04	3,691	194.52	0.08
21.90	0.04	3,676	194.52	0.08
22.00	0.04	3,661	194.51	0.08
22.10	0.04	3,646	194.51	0.08
22.20	0.03	3,632	194.50	0.08
22.30	0.03	3,618	194.50	0.07
22.40	0.03	3,603	194.49	0.07
22.50	0.03	3,590	194.49	0.07
22.60	0.03	3,576	194.48	0.07
22.70	0.03	3,562	194.48	0.07
22.80	0.03	3,549	194.47	0.07
22.90	0.03	3,536	194.47	0.07
23.00	0.03	3,523	194.47	0.07
23.10	0.03	3,511	194.46	0.07
23.20	0.03	3,498	194.46	0.07
23.30	0.03	3,486	194.45	0.07
23.40	0.03	3,474	194.45	0.06
23.50	0.03	3,463	194.44	0.06
23.60	0.03	3,451	194.44	0.06
23.70	0.03	3,440	194.44	0.06
23.80	0.03	3,429	194.43	0.06
23.90	0.03	3,418	194.43	0.06
24.00	0.03	3,407	194.43	0.06
24.10	0.03	3,397	194.42	0.06
24.20	0.01	3,382	194.42	0.06
24.30	0.00	3,363	194.41	0.06
24.40	0.00	3,344	194.40	0.05
24.50	0.00	3,325	194.40	0.05
24.60	0.00	3,306	194.39	0.05
24.70	0.00	3,288	194.38	0.05
24.80	0.00	3,271	194.38	0.05
24.90	0.00	3,254	194.37	0.05
25.00	0.00	3,238	194.37	0.04
25.10	0.00	3,223	194.36	0.04
25.20	0.00	3,208	194.35	0.04
25.30	0.00	3,194	194.35	0.04
25.40	0.00	3,181	194.34	0.04
25.50	0.00	3,168	194.34	0.03
25.60	0.00	3,155	194.34	0.03
25.70	0.00	3,144	194.33	0.03
25.80	0.00	3,133	194.33	0.03
25.90	0.00	3,122	194.32	0.03

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,112	194.32	0.03
26.10	0.00	3,102	194.32	0.03
26.20	0.00	3,093	194.31	0.03
26.30	0.00	3,084	194.31	0.02
26.40	0.00	3,075	194.31	0.02
26.50	0.00	3,067	194.30	0.02
26.60	0.00	3,059	194.30	0.02
26.70	0.00	3,052	194.30	0.02
26.80	0.00	3,045	194.30	0.02
26.90	0.00	3,038	194.29	0.02
27.00	0.00	3,031	194.29	0.02
27.10	0.00	3,025	194.29	0.02
27.20	0.00	3,019	194.29	0.02
27.30	0.00	3,013	194.28	0.02
27.40	0.00	3,007	194.28	0.02
27.50	0.00	3,002	194.28	0.01
27.60	0.00	2,997	194.28	0.01
27.70	0.00	2,992	194.28	0.01
27.80	0.00	2,987	194.28	0.01
27.90	0.00	2,982	194.27	0.01
28.00	0.00	2,978	194.27	0.01
28.10	0.00	2,973	194.27	0.01
28.20	0.00	2,969	194.27	0.01
28.30	0.00	2,965	194.27	0.01
28.40	0.00	2,961	194.27	0.01
28.50	0.00	2,957	194.26	0.01
28.60	0.00	2,954	194.26	0.01
28.70	0.00	2,950	194.26	0.01
28.80	0.00	2,947	194.26	0.01
28.90	0.00	2,944	194.26	0.01
29.00	0.00	2,940	194.26	0.01
29.10	0.00	2,937	194.26	0.01
29.20	0.00	2,934	194.26	0.01
29.30	0.00	2,931	194.25	0.01
29.40	0.00	2,928	194.25	0.01
29.50	0.00	2,926	194.25	0.01
29.60	0.00	2,923	194.25	0.01
29.70	0.00	2,920	194.25	0.01
29.80	0.00	2,918	194.25	0.01
29.90	0.00	2,915	194.25	0.01
30.00	0.00	2,913	194.25	0.01
30.10	0.00	2,910	194.25	0.01
30.20	0.00	2,908	194.25	0.01
30.30	0.00	2,906	194.25	0.01
30.40	0.00	2,904	194.24	0.01
30.50	0.00	2,901	194.24	0.01
30.60	0.00	2,899	194.24	0.01
30.70	0.00	2,897	194.24	0.01
30.80	0.00	2,895	194.24	0.01
30.90	0.00	2,893	194.24	0.01
31.00	0.00	2,891	194.24	0.01
31.10	0.00	2,890	194.24	0.01

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,888	194.24	0.00
31.30	0.00	2,886	194.24	0.00
31.40	0.00	2,884	194.24	0.00
31.50	0.00	2,883	194.24	0.00
31.60	0.00	2,881	194.24	0.00
31.70	0.00	2,880	194.24	0.00
31.80	0.00	2,878	194.24	0.00
31.90	0.00	2,877	194.23	0.00
32.00	0.00	2,875	194.23	0.00
32.10	0.00	2,874	194.23	0.00
32.20	0.00	2,872	194.23	0.00
32.30	0.00	2,871	194.23	0.00
32.40	0.00	2,870	194.23	0.00
32.50	0.00	2,868	194.23	0.00
32.60	0.00	2,867	194.23	0.00
32.70	0.00	2,866	194.23	0.00
32.80	0.00	2,865	194.23	0.00
32.90	0.00	2,864	194.23	0.00
33.00	0.00	2,862	194.23	0.00
33.10	0.00	2,861	194.23	0.00
33.20	0.00	2,860	194.23	0.00
33.30	0.00	2,859	194.23	0.00
33.40	0.00	2,858	194.23	0.00
33.50	0.00	2,857	194.23	0.00
33.60	0.00	2,856	194.23	0.00
33.70	0.00	2,855	194.23	0.00
33.80	0.00	2,854	194.23	0.00
33.90	0.00	2,853	194.23	0.00
34.00	0.00	2,852	194.23	0.00
34.10	0.00	2,851	194.23	0.00
34.20	0.00	2,850	194.23	0.00
34.30	0.00	2,849	194.22	0.00
34.40	0.00	2,848	194.22	0.00
34.50	0.00	2,847	194.22	0.00
34.60	0.00	2,846	194.22	0.00
34.70	0.00	2,845	194.22	0.00
34.80	0.00	2,845	194.22	0.00
34.90	0.00	2,844	194.22	0.00
35.00	0.00	2,843	194.22	0.00
35.10	0.00	2,842	194.22	0.00
35.20	0.00	2,841	194.22	0.00
35.30	0.00	2,840	194.22	0.00
35.40	0.00	2,839	194.22	0.00
35.50	0.00	2,839	194.22	0.00
35.60	0.00	2,838	194.22	0.00
35.70	0.00	2,837	194.22	0.00
35.80	0.00	2,836	194.22	0.00
35.90	0.00	2,836	194.22	0.00
36.00	0.00	2,835	194.22	0.00
36.10	0.00	2,834	194.22	0.00
36.20	0.00	2,833	194.22	0.00
36.30	0.00	2,833	194.22	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,832	194.22	0.00
36.50	0.00	2,831	194.22	0.00
36.60	0.00	2,830	194.22	0.00
36.70	0.00	2,830	194.22	0.00
36.80	0.00	2,829	194.22	0.00
36.90	0.00	2,828	194.22	0.00
37.00	0.00	2,828	194.22	0.00
37.10	0.00	2,827	194.22	0.00
37.20	0.00	2,826	194.22	0.00
37.30	0.00	2,826	194.22	0.00
37.40	0.00	2,825	194.22	0.00
37.50	0.00	2,824	194.22	0.00
37.60	0.00	2,824	194.22	0.00
37.70	0.00	2,823	194.22	0.00
37.80	0.00	2,823	194.22	0.00
37.90	0.00	2,822	194.21	0.00
38.00	0.00	2,821	194.21	0.00
38.10	0.00	2,821	194.21	0.00
38.20	0.00	2,820	194.21	0.00
38.30	0.00	2,820	194.21	0.00
38.40	0.00	2,819	194.21	0.00
38.50	0.00	2,819	194.21	0.00
38.60	0.00	2,818	194.21	0.00
38.70	0.00	2,818	194.21	0.00
38.80	0.00	2,817	194.21	0.00
38.90	0.00	2,816	194.21	0.00
39.00	0.00	2,816	194.21	0.00
39.10	0.00	2,815	194.21	0.00
39.20	0.00	2,815	194.21	0.00
39.30	0.00	2,814	194.21	0.00
39.40	0.00	2,814	194.21	0.00
39.50	0.00	2,813	194.21	0.00
39.60	0.00	2,813	194.21	0.00
39.70	0.00	2,813	194.21	0.00
39.80	0.00	2,812	194.21	0.00
39.90	0.00	2,812	194.21	0.00
40.00	0.00	2,811	194.21	0.00

Stage-Discharge for Pond B-31: Basin #31

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	0.00	194.56	0.08
193.01	0.00	193.53	0.00	194.05	0.00	194.57	0.09
193.02	0.00	193.54	0.00	194.06	0.00	194.58	0.09
193.03	0.00	193.55	0.00	194.07	0.00	194.59	0.09
193.04	0.00	193.56	0.00	194.08	0.00	194.60	0.09
193.05	0.00	193.57	0.00	194.09	0.00	194.61	0.09
193.06	0.00	193.58	0.00	194.10	0.00	194.62	0.09
193.07	0.00	193.59	0.00	194.11	0.00	194.63	0.10
193.08	0.00	193.60	0.00	194.12	0.00	194.64	0.10
193.09	0.00	193.61	0.00	194.13	0.00	194.65	0.10
193.10	0.00	193.62	0.00	194.14	0.00	194.66	0.10
193.11	0.00	193.63	0.00	194.15	0.00	194.67	0.10
193.12	0.00	193.64	0.00	194.16	0.00	194.68	0.10
193.13	0.00	193.65	0.00	194.17	0.00	194.69	0.10
193.14	0.00	193.66	0.00	194.18	0.00	194.70	0.10
193.15	0.00	193.67	0.00	194.19	0.00	194.71	0.11
193.16	0.00	193.68	0.00	194.20	0.00	194.72	0.11
193.17	0.00	193.69	0.00	194.21	0.00	194.73	0.11
193.18	0.00	193.70	0.00	194.22	0.00	194.74	0.11
193.19	0.00	193.71	0.00	194.23	0.00	194.75	0.11
193.20	0.00	193.72	0.00	194.24	0.00	194.76	0.11
193.21	0.00	193.73	0.00	194.25	0.01	194.77	0.11
193.22	0.00	193.74	0.00	194.26	0.01	194.78	0.11
193.23	0.00	193.75	0.00	194.27	0.01	194.79	0.12
193.24	0.00	193.76	0.00	194.28	0.01	194.80	0.12
193.25	0.00	193.77	0.00	194.29	0.02	194.81	0.12
193.26	0.00	193.78	0.00	194.30	0.02	194.82	0.12
193.27	0.00	193.79	0.00	194.31	0.02	194.83	0.12
193.28	0.00	193.80	0.00	194.32	0.03	194.84	0.12
193.29	0.00	193.81	0.00	194.33	0.03	194.85	0.12
193.30	0.00	193.82	0.00	194.34	0.03	194.86	0.12
193.31	0.00	193.83	0.00	194.35	0.04	194.87	0.12
193.32	0.00	193.84	0.00	194.36	0.04	194.88	0.13
193.33	0.00	193.85	0.00	194.37	0.05	194.89	0.13
193.34	0.00	193.86	0.00	194.38	0.05	194.90	0.13
193.35	0.00	193.87	0.00	194.39	0.05	194.91	0.13
193.36	0.00	193.88	0.00	194.40	0.05	194.92	0.13
193.37	0.00	193.89	0.00	194.41	0.06	194.93	0.13
193.38	0.00	193.90	0.00	194.42	0.06	194.94	0.13
193.39	0.00	193.91	0.00	194.43	0.06	194.95	0.13
193.40	0.00	193.92	0.00	194.44	0.06	194.96	0.13
193.41	0.00	193.93	0.00	194.45	0.06	194.97	0.13
193.42	0.00	193.94	0.00	194.46	0.07	194.98	0.14
193.43	0.00	193.95	0.00	194.47	0.07	194.99	0.14
193.44	0.00	193.96	0.00	194.48	0.07	195.00	0.14
193.45	0.00	193.97	0.00	194.49	0.07	195.01	0.15
193.46	0.00	193.98	0.00	194.50	0.07	195.02	0.18
193.47	0.00	193.99	0.00	194.51	0.08	195.03	0.21
193.48	0.00	194.00	0.00	194.52	0.08	195.04	0.25
193.49	0.00	194.01	0.00	194.53	0.08	195.05	0.29
193.50	0.00	194.02	0.00	194.54	0.08	195.06	0.34
193.51	0.00	194.03	0.00	194.55	0.08	195.07	0.39

Stage-Discharge for Pond B-31: Basin #31 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	0.44	195.60	9.80
195.09	0.50	195.61	10.52
195.10	0.56	195.62	11.27
195.11	0.62	195.63	12.04
195.12	0.69	195.64	12.84
195.13	0.76	195.65	13.67
195.14	0.83	195.66	14.52
195.15	0.91	195.67	15.39
195.16	0.98	195.68	16.29
195.17	1.06	195.69	17.21
195.18	1.14	195.70	18.15
195.19	1.23	195.71	19.15
195.20	1.31	195.72	20.18
195.21	1.40	195.73	21.24
195.22	1.49	195.74	22.32
195.23	1.58	195.75	23.43
195.24	1.68	195.76	24.56
195.25	1.78	195.77	25.72
195.26	1.87	195.78	26.91
195.27	1.97	195.79	28.12
195.28	2.07	195.80	29.35
195.29	2.18	195.81	30.62
195.30	2.28	195.82	31.90
195.31	2.39	195.83	33.22
195.32	2.50	195.84	34.55
195.33	2.61	195.85	35.92
195.34	2.72	195.86	37.30
195.35	2.83	195.87	38.72
195.36	2.94	195.88	40.15
195.37	3.06	195.89	41.62
195.38	3.18	195.90	43.10
195.39	3.30	195.91	44.64
195.40	3.42	195.92	46.21
195.41	3.54	195.93	47.80
195.42	3.66	195.94	49.42
195.43	3.78	195.95	51.07
195.44	3.91	195.96	52.74
195.45	4.04	195.97	54.44
195.46	4.16	195.98	56.17
195.47	4.29	195.99	57.92
195.48	4.42	196.00	59.71
195.49	4.56		
195.50	4.69		
195.51	4.94		
195.52	5.29		
195.53	5.70		
195.54	6.17		
195.55	6.68		
195.56	7.24		
195.57	7.83		
195.58	8.45		
195.59	9.11		

Stage-Area-Storage for Pond B-31: Basin #31

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	1,944	0	193.52	2,267	1,095
193.01	1,950	19	193.53	2,274	1,118
193.02	1,956	39	193.54	2,280	1,140
193.03	1,963	59	193.55	2,286	1,163
193.04	1,969	78	193.56	2,292	1,186
193.05	1,975	98	193.57	2,299	1,209
193.06	1,981	118	193.58	2,305	1,232
193.07	1,988	138	193.59	2,311	1,255
193.08	1,994	158	193.60	2,317	1,278
193.09	2,000	177	193.61	2,323	1,302
193.10	2,006	198	193.62	2,330	1,325
193.11	2,012	218	193.63	2,336	1,348
193.12	2,019	238	193.64	2,342	1,372
193.13	2,025	258	193.65	2,348	1,395
193.14	2,031	278	193.66	2,355	1,419
193.15	2,037	299	193.67	2,361	1,442
193.16	2,044	319	193.68	2,367	1,466
193.17	2,050	339	193.69	2,373	1,489
193.18	2,056	360	193.70	2,379	1,513
193.19	2,062	381	193.71	2,386	1,537
193.20	2,068	401	193.72	2,392	1,561
193.21	2,075	422	193.73	2,398	1,585
193.22	2,081	443	193.74	2,404	1,609
193.23	2,087	464	193.75	2,411	1,633
193.24	2,093	484	193.76	2,417	1,657
193.25	2,100	505	193.77	2,423	1,681
193.26	2,106	526	193.78	2,429	1,706
193.27	2,112	548	193.79	2,435	1,730
193.28	2,118	569	193.80	2,442	1,754
193.29	2,124	590	193.81	2,448	1,779
193.30	2,131	611	193.82	2,454	1,803
193.31	2,137	633	193.83	2,460	1,828
193.32	2,143	654	193.84	2,466	1,852
193.33	2,149	675	193.85	2,473	1,877
193.34	2,155	697	193.86	2,479	1,902
193.35	2,162	718	193.87	2,485	1,927
193.36	2,168	740	193.88	2,491	1,952
193.37	2,174	762	193.89	2,498	1,977
193.38	2,180	784	193.90	2,504	2,002
193.39	2,187	805	193.91	2,510	2,027
193.40	2,193	827	193.92	2,516	2,052
193.41	2,199	849	193.93	2,522	2,077
193.42	2,205	871	193.94	2,529	2,102
193.43	2,211	893	193.95	2,535	2,127
193.44	2,218	916	193.96	2,541	2,153
193.45	2,224	938	193.97	2,547	2,178
193.46	2,230	960	193.98	2,554	2,204
193.47	2,236	982	193.99	2,560	2,229
193.48	2,243	1,005	194.00	2,566	2,255
193.49	2,249	1,027	194.01	2,573	2,281
193.50	2,255	1,050	194.02	2,580	2,306
193.51	2,261	1,072	194.03	2,586	2,332

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	2,593	2,358	194.56	2,946	3,798
194.05	2,600	2,384	194.57	2,953	3,828
194.06	2,607	2,410	194.58	2,960	3,857
194.07	2,614	2,436	194.59	2,967	3,887
194.08	2,620	2,462	194.60	2,973	3,917
194.09	2,627	2,489	194.61	2,980	3,947
194.10	2,634	2,515	194.62	2,987	3,976
194.11	2,641	2,541	194.63	2,994	4,006
194.12	2,647	2,568	194.64	3,001	4,036
194.13	2,654	2,594	194.65	3,007	4,066
194.14	2,661	2,621	194.66	3,014	4,096
194.15	2,668	2,648	194.67	3,021	4,127
194.16	2,675	2,674	194.68	3,028	4,157
194.17	2,681	2,701	194.69	3,035	4,187
194.18	2,688	2,728	194.70	3,041	4,218
194.19	2,695	2,755	194.71	3,048	4,248
194.20	2,702	2,782	194.72	3,055	4,279
194.21	2,709	2,809	194.73	3,062	4,309
194.22	2,715	2,836	194.74	3,068	4,340
194.23	2,722	2,863	194.75	3,075	4,370
194.24	2,729	2,890	194.76	3,082	4,401
194.25	2,736	2,918	194.77	3,089	4,432
194.26	2,743	2,945	194.78	3,096	4,463
194.27	2,749	2,973	194.79	3,102	4,494
194.28	2,756	3,000	194.80	3,109	4,525
194.29	2,763	3,028	194.81	3,116	4,556
194.30	2,770	3,055	194.82	3,123	4,587
194.31	2,776	3,083	194.83	3,130	4,619
194.32	2,783	3,111	194.84	3,136	4,650
194.33	2,790	3,139	194.85	3,143	4,681
194.34	2,797	3,167	194.86	3,150	4,713
194.35	2,804	3,195	194.87	3,157	4,744
194.36	2,810	3,223	194.88	3,164	4,776
194.37	2,817	3,251	194.89	3,170	4,808
194.38	2,824	3,279	194.90	3,177	4,839
194.39	2,831	3,307	194.91	3,184	4,871
194.40	2,838	3,336	194.92	3,191	4,903
194.41	2,844	3,364	194.93	3,197	4,935
194.42	2,851	3,393	194.94	3,204	4,967
194.43	2,858	3,421	194.95	3,211	4,999
194.44	2,865	3,450	194.96	3,218	5,031
194.45	2,872	3,478	194.97	3,225	5,063
194.46	2,878	3,507	194.98	3,231	5,096
194.47	2,885	3,536	194.99	3,238	5,128
194.48	2,892	3,565	195.00	3,245	5,161
194.49	2,899	3,594	195.01	3,252	5,193
194.50	2,906	3,623	195.02	3,260	5,226
194.51	2,912	3,652	195.03	3,267	5,258
194.52	2,919	3,681	195.04	3,274	5,291
194.53	2,926	3,710	195.05	3,282	5,324
194.54	2,933	3,740	195.06	3,289	5,357
194.55	2,939	3,769	195.07	3,296	5,389

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	3,304	5,422	195.60	3,686	7,240
195.09	3,311	5,456	195.61	3,693	7,277
195.10	3,318	5,489	195.62	3,701	7,314
195.11	3,326	5,522	195.63	3,708	7,351
195.12	3,333	5,555	195.64	3,715	7,388
195.13	3,341	5,589	195.65	3,723	7,425
195.14	3,348	5,622	195.66	3,730	7,462
195.15	3,355	5,656	195.67	3,737	7,500
195.16	3,363	5,689	195.68	3,745	7,537
195.17	3,370	5,723	195.69	3,752	7,575
195.18	3,377	5,757	195.70	3,759	7,612
195.19	3,385	5,790	195.71	3,767	7,650
195.20	3,392	5,824	195.72	3,774	7,687
195.21	3,399	5,858	195.73	3,782	7,725
195.22	3,407	5,892	195.74	3,789	7,763
195.23	3,414	5,926	195.75	3,796	7,801
195.24	3,421	5,960	195.76	3,804	7,839
195.25	3,429	5,995	195.77	3,811	7,877
195.26	3,436	6,029	195.78	3,818	7,915
195.27	3,443	6,063	195.79	3,826	7,953
195.28	3,451	6,098	195.80	3,833	7,992
195.29	3,458	6,132	195.81	3,840	8,030
195.30	3,466	6,167	195.82	3,848	8,069
195.31	3,473	6,202	195.83	3,855	8,107
195.32	3,480	6,237	195.84	3,862	8,146
195.33	3,488	6,271	195.85	3,870	8,184
195.34	3,495	6,306	195.86	3,877	8,223
195.35	3,502	6,341	195.87	3,884	8,262
195.36	3,510	6,376	195.88	3,892	8,301
195.37	3,517	6,411	195.89	3,899	8,340
195.38	3,524	6,447	195.90	3,907	8,379
195.39	3,532	6,482	195.91	3,914	8,418
195.40	3,539	6,517	195.92	3,921	8,457
195.41	3,546	6,553	195.93	3,929	8,496
195.42	3,554	6,588	195.94	3,936	8,536
195.43	3,561	6,624	195.95	3,943	8,575
195.44	3,568	6,659	195.96	3,951	8,614
195.45	3,576	6,695	195.97	3,958	8,654
195.46	3,583	6,731	195.98	3,965	8,694
195.47	3,590	6,767	195.99	3,973	8,733
195.48	3,598	6,803	196.00	3,980	8,773
195.49	3,605	6,839			
195.50	3,613	6,875			
195.51	3,620	6,911			
195.52	3,627	6,947			
195.53	3,635	6,984			
195.54	3,642	7,020			
195.55	3,649	7,056			
195.56	3,657	7,093			
195.57	3,664	7,130			
195.58	3,671	7,166			
195.59	3,679	7,203			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 1.71" for Current 2 yr event
 Inflow = 2.33 cfs @ 12.18 hrs, Volume= 0.191 af
 Outflow = 1.64 cfs @ 12.28 hrs, Volume= 0.152 af, Atten= 30%, Lag= 6.1 min
 Primary = 1.64 cfs @ 12.28 hrs, Volume= 0.152 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.87' @ 12.28 hrs Surf.Area= 3,471 sf Storage= 2,733 cf

Plug-Flow detention time= 159.6 min calculated for 0.152 af (80% of inflow)
 Center-of-Mass det. time= 72.9 min (883.7 - 810.8)

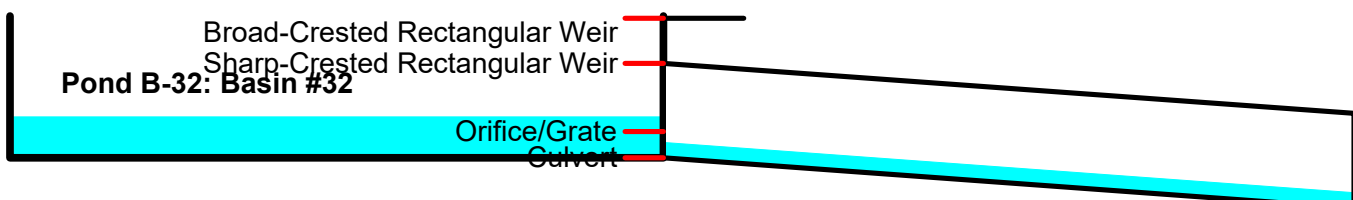
Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	11,936 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	2,830	0	0
196.00	3,569	3,200	3,200
197.00	4,349	3,959	7,159
198.00	5,206	4,778	11,936

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S= 0.0247 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.56'	36.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

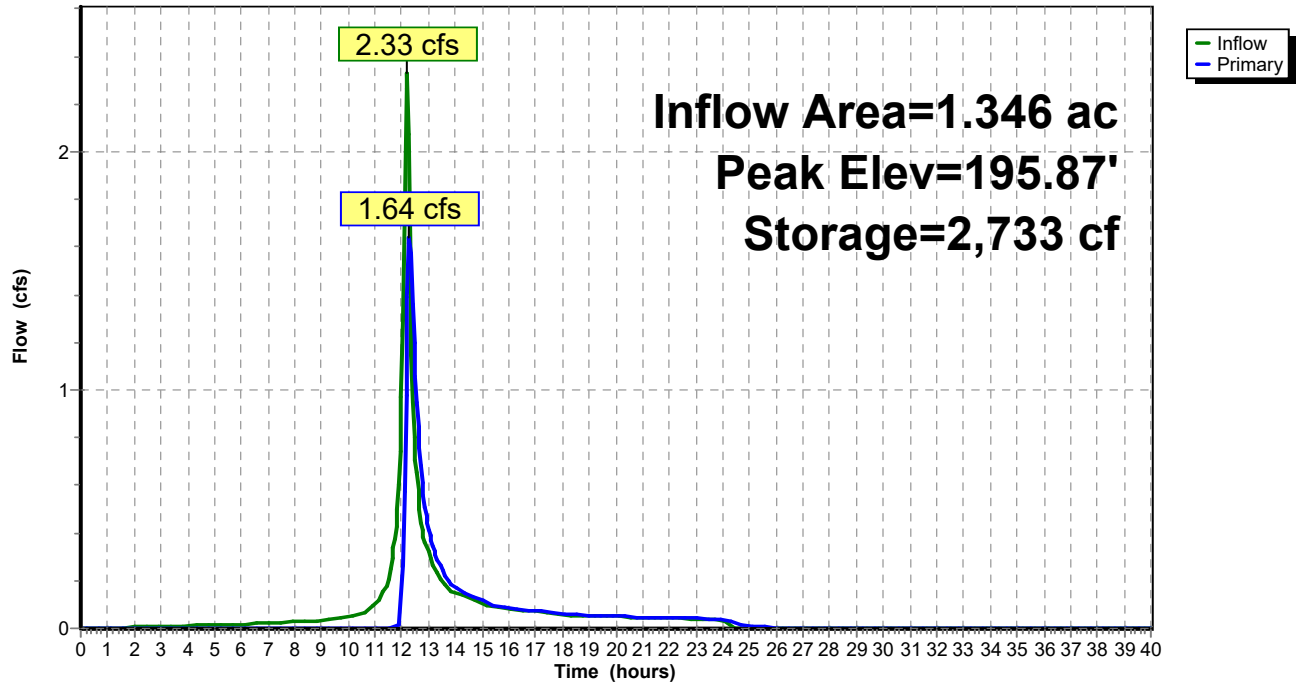
Primary OutFlow Max=1.63 cfs @ 12.28 hrs HW=195.87' (Free Discharge)

1=Culvert (Passes 1.63 cfs of 4.13 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.63 cfs @ 1.77 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-32: Basin #32

Hydrograph



Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	0	195.00	0.00
1.10	0.00	0	195.00	0.00
1.20	0.00	0	195.00	0.00
1.30	0.00	0	195.00	0.00
1.40	0.00	0	195.00	0.00
1.50	0.00	1	195.00	0.00
1.60	0.00	1	195.00	0.00
1.70	0.00	2	195.00	0.00
1.80	0.00	3	195.00	0.00
1.90	0.00	4	195.00	0.00
2.00	0.00	5	195.00	0.00
2.10	0.00	6	195.00	0.00
2.20	0.00	8	195.00	0.00
2.30	0.00	10	195.00	0.00
2.40	0.01	11	195.00	0.00
2.50	0.01	13	195.00	0.00
2.60	0.01	16	195.01	0.00
2.70	0.01	18	195.01	0.00
2.80	0.01	20	195.01	0.00
2.90	0.01	23	195.01	0.00
3.00	0.01	25	195.01	0.00
3.10	0.01	28	195.01	0.00
3.20	0.01	31	195.01	0.00
3.30	0.01	34	195.01	0.00
3.40	0.01	37	195.01	0.00
3.50	0.01	41	195.01	0.00
3.60	0.01	44	195.02	0.00
3.70	0.01	48	195.02	0.00
3.80	0.01	51	195.02	0.00
3.90	0.01	55	195.02	0.00
4.00	0.01	59	195.02	0.00
4.10	0.01	63	195.02	0.00
4.20	0.01	67	195.02	0.00
4.30	0.01	71	195.02	0.00
4.40	0.01	75	195.03	0.00
4.50	0.01	80	195.03	0.00
4.60	0.01	84	195.03	0.00
4.70	0.01	89	195.03	0.00
4.80	0.01	93	195.03	0.00
4.90	0.01	98	195.03	0.00
5.00	0.01	103	195.04	0.00
5.10	0.01	108	195.04	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	113	195.04	0.00
5.30	0.01	118	195.04	0.00
5.40	0.01	123	195.04	0.00
5.50	0.01	128	195.05	0.00
5.60	0.02	134	195.05	0.00
5.70	0.02	139	195.05	0.00
5.80	0.02	145	195.05	0.00
5.90	0.02	150	195.05	0.00
6.00	0.02	156	195.05	0.00
6.10	0.02	162	195.06	0.00
6.20	0.02	168	195.06	0.00
6.30	0.02	174	195.06	0.00
6.40	0.02	180	195.06	0.00
6.50	0.02	187	195.07	0.00
6.60	0.02	193	195.07	0.00
6.70	0.02	200	195.07	0.00
6.80	0.02	207	195.07	0.00
6.90	0.02	214	195.08	0.00
7.00	0.02	222	195.08	0.00
7.10	0.02	230	195.08	0.00
7.20	0.02	237	195.08	0.00
7.30	0.02	246	195.09	0.00
7.40	0.02	254	195.09	0.00
7.50	0.02	262	195.09	0.00
7.60	0.02	271	195.09	0.00
7.70	0.02	280	195.10	0.00
7.80	0.03	289	195.10	0.00
7.90	0.03	298	195.10	0.00
8.00	0.03	308	195.11	0.00
8.10	0.03	317	195.11	0.00
8.20	0.03	327	195.11	0.00
8.30	0.03	337	195.12	0.00
8.40	0.03	348	195.12	0.00
8.50	0.03	358	195.12	0.00
8.60	0.03	369	195.13	0.00
8.70	0.03	380	195.13	0.00
8.80	0.03	391	195.14	0.00
8.90	0.03	402	195.14	0.00
9.00	0.03	414	195.14	0.00
9.10	0.03	425	195.15	0.00
9.20	0.03	438	195.15	0.00
9.30	0.04	451	195.16	0.00
9.40	0.04	464	195.16	0.00
9.50	0.04	478	195.17	0.00
9.60	0.04	493	195.17	0.00
9.70	0.04	509	195.18	0.00
9.80	0.05	525	195.18	0.00
9.90	0.05	542	195.19	0.00
10.00	0.05	560	195.19	0.00
10.10	0.05	578	195.20	0.00
10.20	0.05	597	195.21	0.00
10.30	0.06	617	195.21	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	637	195.22	0.00
10.50	0.06	659	195.23	0.00
10.60	0.06	681	195.23	0.00
10.70	0.07	705	195.24	0.00
10.80	0.08	731	195.25	0.00
10.90	0.09	761	195.26	0.00
11.00	0.10	795	195.27	0.00
11.10	0.11	833	195.28	0.00
11.20	0.13	877	195.30	0.00
11.30	0.15	927	195.31	0.00
11.40	0.17	986	195.33	0.00
11.50	0.20	1,053	195.36	0.00
11.60	0.25	1,132	195.38	0.00
11.70	0.34	1,238	195.41	0.00
11.80	0.43	1,374	195.46	0.00
11.90	0.60	1,557	195.52	0.00
12.00	0.97	1,827	195.60	0.07
12.10	1.78	2,202	195.71	0.57
12.20	2.29	2,622	195.84	1.39
12.30	1.43	2,728	195.87	1.63
12.40	0.95	2,607	195.83	1.36
12.50	0.71	2,466	195.79	1.06
12.60	0.58	2,357	195.76	0.85
12.70	0.44	2,265	195.73	0.68
12.80	0.39	2,192	195.71	0.56
12.90	0.35	2,140	195.69	0.47
13.00	0.32	2,101	195.68	0.41
13.10	0.28	2,070	195.67	0.36
13.20	0.25	2,043	195.66	0.32
13.30	0.23	2,020	195.66	0.29
13.40	0.22	2,000	195.65	0.27
13.50	0.20	1,982	195.65	0.25
13.60	0.18	1,966	195.64	0.22
13.70	0.17	1,951	195.64	0.21
13.80	0.16	1,938	195.63	0.19
13.90	0.15	1,928	195.63	0.18
14.00	0.15	1,921	195.63	0.17
14.10	0.14	1,914	195.63	0.16
14.20	0.14	1,908	195.62	0.16
14.30	0.14	1,902	195.62	0.15
14.40	0.13	1,897	195.62	0.14
14.50	0.13	1,892	195.62	0.14
14.60	0.12	1,887	195.62	0.13
14.70	0.12	1,882	195.62	0.13
14.80	0.11	1,878	195.61	0.12
14.90	0.11	1,873	195.61	0.12
15.00	0.10	1,868	195.61	0.12
15.10	0.10	1,864	195.61	0.11
15.20	0.09	1,859	195.61	0.11
15.30	0.09	1,855	195.61	0.10
15.40	0.09	1,852	195.61	0.10
15.50	0.09	1,849	195.61	0.10

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	1,847	195.60	0.09
15.70	0.09	1,845	195.60	0.09
15.80	0.09	1,843	195.60	0.09
15.90	0.08	1,842	195.60	0.09
16.00	0.08	1,840	195.60	0.09
16.10	0.08	1,839	195.60	0.09
16.20	0.08	1,838	195.60	0.08
16.30	0.08	1,836	195.60	0.08
16.40	0.08	1,835	195.60	0.08
16.50	0.08	1,834	195.60	0.08
16.60	0.08	1,833	195.60	0.08
16.70	0.07	1,831	195.60	0.08
16.80	0.07	1,830	195.60	0.08
16.90	0.07	1,829	195.60	0.08
17.00	0.07	1,827	195.60	0.07
17.10	0.07	1,826	195.60	0.07
17.20	0.07	1,824	195.60	0.07
17.30	0.07	1,822	195.60	0.07
17.40	0.06	1,821	195.60	0.07
17.50	0.06	1,819	195.60	0.07
17.60	0.06	1,817	195.60	0.07
17.70	0.06	1,815	195.60	0.07
17.80	0.06	1,814	195.59	0.06
17.90	0.06	1,812	195.59	0.06
18.00	0.06	1,810	195.59	0.06
18.10	0.06	1,808	195.59	0.06
18.20	0.05	1,806	195.59	0.06
18.30	0.05	1,804	195.59	0.06
18.40	0.05	1,803	195.59	0.06
18.50	0.05	1,802	195.59	0.06
18.60	0.05	1,801	195.59	0.06
18.70	0.05	1,800	195.59	0.06
18.80	0.05	1,799	195.59	0.05
18.90	0.05	1,798	195.59	0.05
19.00	0.05	1,797	195.59	0.05
19.10	0.05	1,797	195.59	0.05
19.20	0.05	1,796	195.59	0.05
19.30	0.05	1,796	195.59	0.05
19.40	0.05	1,795	195.59	0.05
19.50	0.05	1,795	195.59	0.05
19.60	0.05	1,794	195.59	0.05
19.70	0.05	1,794	195.59	0.05
19.80	0.05	1,793	195.59	0.05
19.90	0.05	1,793	195.59	0.05
20.00	0.05	1,792	195.59	0.05
20.10	0.05	1,792	195.59	0.05
20.20	0.05	1,791	195.59	0.05
20.30	0.05	1,791	195.59	0.05
20.40	0.05	1,790	195.59	0.05
20.50	0.05	1,790	195.59	0.05
20.60	0.05	1,789	195.59	0.05
20.70	0.05	1,789	195.59	0.05

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	1,789	195.59	0.05
20.90	0.05	1,788	195.59	0.05
21.00	0.05	1,788	195.59	0.05
21.10	0.05	1,787	195.59	0.05
21.20	0.05	1,787	195.59	0.05
21.30	0.04	1,786	195.59	0.05
21.40	0.04	1,786	195.59	0.05
21.50	0.04	1,785	195.59	0.05
21.60	0.04	1,785	195.59	0.05
21.70	0.04	1,784	195.59	0.04
21.80	0.04	1,784	195.59	0.04
21.90	0.04	1,783	195.59	0.04
22.00	0.04	1,783	195.59	0.04
22.10	0.04	1,782	195.59	0.04
22.20	0.04	1,782	195.58	0.04
22.30	0.04	1,782	195.58	0.04
22.40	0.04	1,781	195.58	0.04
22.50	0.04	1,781	195.58	0.04
22.60	0.04	1,780	195.58	0.04
22.70	0.04	1,780	195.58	0.04
22.80	0.04	1,779	195.58	0.04
22.90	0.04	1,779	195.58	0.04
23.00	0.04	1,778	195.58	0.04
23.10	0.04	1,778	195.58	0.04
23.20	0.04	1,777	195.58	0.04
23.30	0.04	1,777	195.58	0.04
23.40	0.04	1,776	195.58	0.04
23.50	0.04	1,776	195.58	0.04
23.60	0.04	1,775	195.58	0.04
23.70	0.04	1,775	195.58	0.04
23.80	0.04	1,774	195.58	0.04
23.90	0.04	1,774	195.58	0.04
24.00	0.04	1,774	195.58	0.04
24.10	0.03	1,774	195.58	0.04
24.20	0.01	1,768	195.58	0.03
24.30	0.00	1,759	195.58	0.03
24.40	0.00	1,750	195.58	0.02
24.50	0.00	1,744	195.57	0.02
24.60	0.00	1,738	195.57	0.01
24.70	0.00	1,734	195.57	0.01
24.80	0.00	1,731	195.57	0.01
24.90	0.00	1,728	195.57	0.01
25.00	0.00	1,725	195.57	0.01
25.10	0.00	1,722	195.57	0.01
25.20	0.00	1,720	195.57	0.01
25.30	0.00	1,718	195.57	0.01
25.40	0.00	1,716	195.56	0.00
25.50	0.00	1,715	195.56	0.00
25.60	0.00	1,713	195.56	0.00
25.70	0.00	1,712	195.56	0.00
25.80	0.00	1,711	195.56	0.00
25.90	0.00	1,710	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,709	195.56	0.00
26.10	0.00	1,708	195.56	0.00
26.20	0.00	1,707	195.56	0.00
26.30	0.00	1,707	195.56	0.00
26.40	0.00	1,706	195.56	0.00
26.50	0.00	1,706	195.56	0.00
26.60	0.00	1,705	195.56	0.00
26.70	0.00	1,705	195.56	0.00
26.80	0.00	1,704	195.56	0.00
26.90	0.00	1,704	195.56	0.00
27.00	0.00	1,704	195.56	0.00
27.10	0.00	1,703	195.56	0.00
27.20	0.00	1,703	195.56	0.00
27.30	0.00	1,703	195.56	0.00
27.40	0.00	1,703	195.56	0.00
27.50	0.00	1,702	195.56	0.00
27.60	0.00	1,702	195.56	0.00
27.70	0.00	1,702	195.56	0.00
27.80	0.00	1,702	195.56	0.00
27.90	0.00	1,702	195.56	0.00
28.00	0.00	1,702	195.56	0.00
28.10	0.00	1,702	195.56	0.00
28.20	0.00	1,701	195.56	0.00
28.30	0.00	1,701	195.56	0.00
28.40	0.00	1,701	195.56	0.00
28.50	0.00	1,701	195.56	0.00
28.60	0.00	1,701	195.56	0.00
28.70	0.00	1,701	195.56	0.00
28.80	0.00	1,701	195.56	0.00
28.90	0.00	1,701	195.56	0.00
29.00	0.00	1,701	195.56	0.00
29.10	0.00	1,701	195.56	0.00
29.20	0.00	1,701	195.56	0.00
29.30	0.00	1,701	195.56	0.00
29.40	0.00	1,701	195.56	0.00
29.50	0.00	1,701	195.56	0.00
29.60	0.00	1,701	195.56	0.00
29.70	0.00	1,701	195.56	0.00
29.80	0.00	1,701	195.56	0.00
29.90	0.00	1,701	195.56	0.00
30.00	0.00	1,701	195.56	0.00
30.10	0.00	1,701	195.56	0.00
30.20	0.00	1,701	195.56	0.00
30.30	0.00	1,701	195.56	0.00
30.40	0.00	1,701	195.56	0.00
30.50	0.00	1,701	195.56	0.00
30.60	0.00	1,701	195.56	0.00
30.70	0.00	1,701	195.56	0.00
30.80	0.00	1,701	195.56	0.00
30.90	0.00	1,701	195.56	0.00
31.00	0.00	1,701	195.56	0.00
31.10	0.00	1,701	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,701	195.56	0.00
31.30	0.00	1,701	195.56	0.00
31.40	0.00	1,701	195.56	0.00
31.50	0.00	1,701	195.56	0.00
31.60	0.00	1,701	195.56	0.00
31.70	0.00	1,701	195.56	0.00
31.80	0.00	1,701	195.56	0.00
31.90	0.00	1,701	195.56	0.00
32.00	0.00	1,701	195.56	0.00
32.10	0.00	1,701	195.56	0.00
32.20	0.00	1,701	195.56	0.00
32.30	0.00	1,701	195.56	0.00
32.40	0.00	1,701	195.56	0.00
32.50	0.00	1,701	195.56	0.00
32.60	0.00	1,701	195.56	0.00
32.70	0.00	1,701	195.56	0.00
32.80	0.00	1,701	195.56	0.00
32.90	0.00	1,701	195.56	0.00
33.00	0.00	1,701	195.56	0.00
33.10	0.00	1,701	195.56	0.00
33.20	0.00	1,701	195.56	0.00
33.30	0.00	1,701	195.56	0.00
33.40	0.00	1,701	195.56	0.00
33.50	0.00	1,701	195.56	0.00
33.60	0.00	1,701	195.56	0.00
33.70	0.00	1,701	195.56	0.00
33.80	0.00	1,701	195.56	0.00
33.90	0.00	1,701	195.56	0.00
34.00	0.00	1,701	195.56	0.00
34.10	0.00	1,701	195.56	0.00
34.20	0.00	1,701	195.56	0.00
34.30	0.00	1,701	195.56	0.00
34.40	0.00	1,701	195.56	0.00
34.50	0.00	1,701	195.56	0.00
34.60	0.00	1,701	195.56	0.00
34.70	0.00	1,701	195.56	0.00
34.80	0.00	1,701	195.56	0.00
34.90	0.00	1,701	195.56	0.00
35.00	0.00	1,701	195.56	0.00
35.10	0.00	1,701	195.56	0.00
35.20	0.00	1,701	195.56	0.00
35.30	0.00	1,701	195.56	0.00
35.40	0.00	1,701	195.56	0.00
35.50	0.00	1,701	195.56	0.00
35.60	0.00	1,701	195.56	0.00
35.70	0.00	1,701	195.56	0.00
35.80	0.00	1,701	195.56	0.00
35.90	0.00	1,701	195.56	0.00
36.00	0.00	1,701	195.56	0.00
36.10	0.00	1,701	195.56	0.00
36.20	0.00	1,701	195.56	0.00
36.30	0.00	1,701	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,701	195.56	0.00
36.50	0.00	1,701	195.56	0.00
36.60	0.00	1,701	195.56	0.00
36.70	0.00	1,701	195.56	0.00
36.80	0.00	1,701	195.56	0.00
36.90	0.00	1,701	195.56	0.00
37.00	0.00	1,701	195.56	0.00
37.10	0.00	1,701	195.56	0.00
37.20	0.00	1,701	195.56	0.00
37.30	0.00	1,701	195.56	0.00
37.40	0.00	1,701	195.56	0.00
37.50	0.00	1,701	195.56	0.00
37.60	0.00	1,701	195.56	0.00
37.70	0.00	1,701	195.56	0.00
37.80	0.00	1,701	195.56	0.00
37.90	0.00	1,701	195.56	0.00
38.00	0.00	1,701	195.56	0.00
38.10	0.00	1,701	195.56	0.00
38.20	0.00	1,701	195.56	0.00
38.30	0.00	1,701	195.56	0.00
38.40	0.00	1,701	195.56	0.00
38.50	0.00	1,701	195.56	0.00
38.60	0.00	1,701	195.56	0.00
38.70	0.00	1,701	195.56	0.00
38.80	0.00	1,701	195.56	0.00
38.90	0.00	1,701	195.56	0.00
39.00	0.00	1,701	195.56	0.00
39.10	0.00	1,701	195.56	0.00
39.20	0.00	1,701	195.56	0.00
39.30	0.00	1,701	195.56	0.00
39.40	0.00	1,701	195.56	0.00
39.50	0.00	1,701	195.56	0.00
39.60	0.00	1,701	195.56	0.00
39.70	0.00	1,701	195.56	0.00
39.80	0.00	1,701	195.56	0.00
39.90	0.00	1,701	195.56	0.00
40.00	0.00	1,701	195.56	0.00

Stage-Discharge for Pond B-32: Basin #32

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	3.20	196.56	6.23
195.01	0.00	195.53	0.00	196.05	3.30	196.57	6.27
195.02	0.00	195.54	0.00	196.06	3.40	196.58	6.31
195.03	0.00	195.55	0.00	196.07	3.50	196.59	6.35
195.04	0.00	195.56	0.00	196.08	3.58	196.60	6.39
195.05	0.00	195.57	0.01	196.09	3.67	196.61	6.43
195.06	0.00	195.58	0.03	196.10	3.74	196.62	6.47
195.07	0.00	195.59	0.05	196.11	3.82	196.63	6.51
195.08	0.00	195.60	0.08	196.12	3.89	196.64	6.55
195.09	0.00	195.61	0.11	196.13	3.97	196.65	6.59
195.10	0.00	195.62	0.14	196.14	4.04	196.66	6.63
195.11	0.00	195.63	0.18	196.15	4.10	196.67	6.67
195.12	0.00	195.64	0.22	196.16	4.17	196.68	6.71
195.13	0.00	195.65	0.26	196.17	4.24	196.69	6.75
195.14	0.00	195.66	0.30	196.18	4.30	196.70	6.79
195.15	0.00	195.67	0.35	196.19	4.36	196.71	6.83
195.16	0.00	195.68	0.40	196.20	4.43	196.72	6.87
195.17	0.00	195.69	0.45	196.21	4.49	196.73	6.91
195.18	0.00	195.70	0.50	196.22	4.55	196.74	6.94
195.19	0.00	195.71	0.56	196.23	4.61	196.75	6.98
195.20	0.00	195.72	0.62	196.24	4.66	196.76	7.02
195.21	0.00	195.73	0.67	196.25	4.72	196.77	7.06
195.22	0.00	195.74	0.74	196.26	4.78	196.78	7.09
195.23	0.00	195.75	0.80	196.27	4.83	196.79	7.13
195.24	0.00	195.76	0.86	196.28	4.89	196.80	7.17
195.25	0.00	195.77	0.93	196.29	4.94	196.81	7.20
195.26	0.00	195.78	0.99	196.30	5.00	196.82	7.24
195.27	0.00	195.79	1.06	196.31	5.05	196.83	7.28
195.28	0.00	195.80	1.13	196.32	5.10	196.84	7.31
195.29	0.00	195.81	1.20	196.33	5.16	196.85	7.35
195.30	0.00	195.82	1.28	196.34	5.21	196.86	7.38
195.31	0.00	195.83	1.35	196.35	5.26	196.87	7.42
195.32	0.00	195.84	1.43	196.36	5.31	196.88	7.45
195.33	0.00	195.85	1.50	196.37	5.36	196.89	7.49
195.34	0.00	195.86	1.58	196.38	5.41	196.90	7.52
195.35	0.00	195.87	1.66	196.39	5.46	196.91	7.56
195.36	0.00	195.88	1.74	196.40	5.50	196.92	7.59
195.37	0.00	195.89	1.83	196.41	5.55	196.93	7.63
195.38	0.00	195.90	1.91	196.42	5.60	196.94	7.66
195.39	0.00	195.91	1.99	196.43	5.65	196.95	7.70
195.40	0.00	195.92	2.08	196.44	5.69	196.96	7.73
195.41	0.00	195.93	2.17	196.45	5.74	196.97	7.76
195.42	0.00	195.94	2.26	196.46	5.79	196.98	7.80
195.43	0.00	195.95	2.35	196.47	5.83	196.99	7.83
195.44	0.00	195.96	2.44	196.48	5.88	197.00	7.86
195.45	0.00	195.97	2.53	196.49	5.92	197.01	7.91
195.46	0.00	195.98	2.62	196.50	5.97	197.02	7.97
195.47	0.00	195.99	2.72	196.51	6.01	197.03	8.03
195.48	0.00	196.00	2.81	196.52	6.05	197.04	8.10
195.49	0.00	196.01	2.91	196.53	6.10	197.05	8.17
195.50	0.00	196.02	3.00	196.54	6.14	197.06	8.25
195.51	0.00	196.03	3.10	196.55	6.18	197.07	8.34

Stage-Discharge for Pond B-32: Basin #32 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	8.42	197.60	15.55
197.09	8.51	197.61	15.72
197.10	8.60	197.62	15.90
197.11	8.70	197.63	16.07
197.12	8.79	197.64	16.25
197.13	8.89	197.65	16.42
197.14	9.00	197.66	16.60
197.15	9.10	197.67	16.78
197.16	9.21	197.68	16.95
197.17	9.32	197.69	17.13
197.18	9.43	197.70	17.31
197.19	9.55	197.71	17.50
197.20	9.66	197.72	17.68
197.21	9.78	197.73	17.86
197.22	9.90	197.74	18.05
197.23	10.02	197.75	18.23
197.24	10.15	197.76	18.42
197.25	10.27	197.77	18.60
197.26	10.40	197.78	18.79
197.27	10.53	197.79	18.98
197.28	10.66	197.80	19.17
197.29	10.79	197.81	19.36
197.30	10.92	197.82	19.55
197.31	11.06	197.83	19.74
197.32	11.19	197.84	19.93
197.33	11.33	197.85	20.12
197.34	11.47	197.86	20.32
197.35	11.61	197.87	20.51
197.36	11.76	197.88	20.71
197.37	11.90	197.89	20.80
197.38	12.05	197.90	20.85
197.39	12.19	197.91	20.91
197.40	12.34	197.92	20.96
197.41	12.49	197.93	21.01
197.42	12.64	197.94	21.07
197.43	12.79	197.95	21.12
197.44	12.95	197.96	21.29
197.45	13.10	197.97	21.56
197.46	13.26	197.98	21.89
197.47	13.41	197.99	22.28
197.48	13.57	198.00	22.70
197.49	13.73		
197.50	13.89		
197.51	14.05		
197.52	14.21		
197.53	14.38		
197.54	14.54		
197.55	14.71		
197.56	14.87		
197.57	15.04		
197.58	15.21		
197.59	15.38		

Stage-Area-Storage for Pond B-32: Basin #32

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	2,830	0	195.52	3,214	1,572
195.01	2,837	28	195.53	3,222	1,604
195.02	2,845	57	195.54	3,229	1,636
195.03	2,852	85	195.55	3,236	1,668
195.04	2,860	114	195.56	3,244	1,701
195.05	2,867	142	195.57	3,251	1,733
195.06	2,874	171	195.58	3,259	1,766
195.07	2,882	200	195.59	3,266	1,798
195.08	2,889	229	195.60	3,273	1,831
195.09	2,897	258	195.61	3,281	1,864
195.10	2,904	287	195.62	3,288	1,897
195.11	2,911	316	195.63	3,296	1,930
195.12	2,919	345	195.64	3,303	1,963
195.13	2,926	374	195.65	3,310	1,996
195.14	2,933	403	195.66	3,318	2,029
195.15	2,941	433	195.67	3,325	2,062
195.16	2,948	462	195.68	3,333	2,095
195.17	2,956	492	195.69	3,340	2,129
195.18	2,963	521	195.70	3,347	2,162
195.19	2,970	551	195.71	3,355	2,196
195.20	2,978	581	195.72	3,362	2,229
195.21	2,985	611	195.73	3,369	2,263
195.22	2,993	640	195.74	3,377	2,297
195.23	3,000	670	195.75	3,384	2,330
195.24	3,007	700	195.76	3,392	2,364
195.25	3,015	731	195.77	3,399	2,398
195.26	3,022	761	195.78	3,406	2,432
195.27	3,030	791	195.79	3,414	2,466
195.28	3,037	821	195.80	3,421	2,500
195.29	3,044	852	195.81	3,429	2,535
195.30	3,052	882	195.82	3,436	2,569
195.31	3,059	913	195.83	3,443	2,603
195.32	3,066	943	195.84	3,451	2,638
195.33	3,074	974	195.85	3,458	2,672
195.34	3,081	1,005	195.86	3,466	2,707
195.35	3,089	1,036	195.87	3,473	2,742
195.36	3,096	1,067	195.88	3,480	2,777
195.37	3,103	1,098	195.89	3,488	2,811
195.38	3,111	1,129	195.90	3,495	2,846
195.39	3,118	1,160	195.91	3,502	2,881
195.40	3,126	1,191	195.92	3,510	2,916
195.41	3,133	1,222	195.93	3,517	2,951
195.42	3,140	1,254	195.94	3,525	2,987
195.43	3,148	1,285	195.95	3,532	3,022
195.44	3,155	1,317	195.96	3,539	3,057
195.45	3,163	1,348	195.97	3,547	3,093
195.46	3,170	1,380	195.98	3,554	3,128
195.47	3,177	1,412	195.99	3,562	3,164
195.48	3,185	1,444	196.00	3,569	3,200
195.49	3,192	1,475	196.01	3,577	3,235
195.50	3,200	1,507	196.02	3,585	3,271
195.51	3,207	1,539	196.03	3,592	3,307

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	3,600	3,343	196.56	4,006	5,320
196.05	3,608	3,379	196.57	4,014	5,361
196.06	3,616	3,415	196.58	4,021	5,401
196.07	3,624	3,451	196.59	4,029	5,441
196.08	3,631	3,488	196.60	4,037	5,481
196.09	3,639	3,524	196.61	4,045	5,522
196.10	3,647	3,560	196.62	4,053	5,562
196.11	3,655	3,597	196.63	4,060	5,603
196.12	3,663	3,633	196.64	4,068	5,643
196.13	3,670	3,670	196.65	4,076	5,684
196.14	3,678	3,707	196.66	4,084	5,725
196.15	3,686	3,744	196.67	4,092	5,766
196.16	3,694	3,781	196.68	4,099	5,807
196.17	3,702	3,818	196.69	4,107	5,848
196.18	3,709	3,855	196.70	4,115	5,889
196.19	3,717	3,892	196.71	4,123	5,930
196.20	3,725	3,929	196.72	4,131	5,971
196.21	3,733	3,966	196.73	4,138	6,013
196.22	3,741	4,004	196.74	4,146	6,054
196.23	3,748	4,041	196.75	4,154	6,096
196.24	3,756	4,079	196.76	4,162	6,137
196.25	3,764	4,116	196.77	4,170	6,179
196.26	3,772	4,154	196.78	4,177	6,221
196.27	3,780	4,192	196.79	4,185	6,262
196.28	3,787	4,229	196.80	4,193	6,304
196.29	3,795	4,267	196.81	4,201	6,346
196.30	3,803	4,305	196.82	4,209	6,388
196.31	3,811	4,343	196.83	4,216	6,430
196.32	3,819	4,382	196.84	4,224	6,473
196.33	3,826	4,420	196.85	4,232	6,515
196.34	3,834	4,458	196.86	4,240	6,557
196.35	3,842	4,496	196.87	4,248	6,600
196.36	3,850	4,535	196.88	4,255	6,642
196.37	3,858	4,573	196.89	4,263	6,685
196.38	3,865	4,612	196.90	4,271	6,728
196.39	3,873	4,651	196.91	4,279	6,770
196.40	3,881	4,690	196.92	4,287	6,813
196.41	3,889	4,728	196.93	4,294	6,856
196.42	3,897	4,767	196.94	4,302	6,899
196.43	3,904	4,806	196.95	4,310	6,942
196.44	3,912	4,845	196.96	4,318	6,985
196.45	3,920	4,885	196.97	4,326	7,028
196.46	3,928	4,924	196.98	4,333	7,072
196.47	3,936	4,963	196.99	4,341	7,115
196.48	3,943	5,002	197.00	4,349	7,159
196.49	3,951	5,042	197.01	4,358	7,202
196.50	3,959	5,082	197.02	4,366	7,246
196.51	3,967	5,121	197.03	4,375	7,289
196.52	3,975	5,161	197.04	4,383	7,333
196.53	3,982	5,201	197.05	4,392	7,377
196.54	3,990	5,240	197.06	4,400	7,421
196.55	3,998	5,280	197.07	4,409	7,465

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	4,418	7,509	197.60	4,863	9,922
197.09	4,426	7,553	197.61	4,872	9,971
197.10	4,435	7,598	197.62	4,880	10,020
197.11	4,443	7,642	197.63	4,889	10,068
197.12	4,452	7,687	197.64	4,897	10,117
197.13	4,460	7,731	197.65	4,906	10,166
197.14	4,469	7,776	197.66	4,915	10,215
197.15	4,478	7,820	197.67	4,923	10,265
197.16	4,486	7,865	197.68	4,932	10,314
197.17	4,495	7,910	197.69	4,940	10,363
197.18	4,503	7,955	197.70	4,949	10,413
197.19	4,512	8,000	197.71	4,957	10,462
197.20	4,520	8,045	197.72	4,966	10,512
197.21	4,529	8,091	197.73	4,975	10,562
197.22	4,538	8,136	197.74	4,983	10,611
197.23	4,546	8,181	197.75	4,992	10,661
197.24	4,555	8,227	197.76	5,000	10,711
197.25	4,563	8,273	197.77	5,009	10,761
197.26	4,572	8,318	197.78	5,017	10,811
197.27	4,580	8,364	197.79	5,026	10,862
197.28	4,589	8,410	197.80	5,035	10,912
197.29	4,598	8,456	197.81	5,043	10,962
197.30	4,606	8,502	197.82	5,052	11,013
197.31	4,615	8,548	197.83	5,060	11,063
197.32	4,623	8,594	197.84	5,069	11,114
197.33	4,632	8,640	197.85	5,077	11,165
197.34	4,640	8,687	197.86	5,086	11,216
197.35	4,649	8,733	197.87	5,095	11,266
197.36	4,658	8,780	197.88	5,103	11,317
197.37	4,666	8,826	197.89	5,112	11,369
197.38	4,675	8,873	197.90	5,120	11,420
197.39	4,683	8,920	197.91	5,129	11,471
197.40	4,692	8,967	197.92	5,137	11,522
197.41	4,700	9,014	197.93	5,146	11,574
197.42	4,709	9,061	197.94	5,155	11,625
197.43	4,718	9,108	197.95	5,163	11,677
197.44	4,726	9,155	197.96	5,172	11,728
197.45	4,735	9,202	197.97	5,180	11,780
197.46	4,743	9,250	197.98	5,189	11,832
197.47	4,752	9,297	197.99	5,197	11,884
197.48	4,760	9,345	198.00	5,206	11,936
197.49	4,769	9,392			
197.50	4,778	9,440			
197.51	4,786	9,488			
197.52	4,795	9,536			
197.53	4,803	9,584			
197.54	4,812	9,632			
197.55	4,820	9,680			
197.56	4,829	9,728			
197.57	4,837	9,777			
197.58	4,846	9,825			
197.59	4,855	9,874			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 2.15" for Current 2 yr event
 Inflow = 3.77 cfs @ 12.17 hrs, Volume= 0.315 af
 Outflow = 0.63 cfs @ 12.74 hrs, Volume= 0.229 af, Atten= 83%, Lag= 33.8 min
 Primary = 0.63 cfs @ 12.74 hrs, Volume= 0.229 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.36' @ 12.74 hrs Surf.Area= 4,433 sf Storage= 8,096 cf

Plug-Flow detention time= 450.1 min calculated for 0.229 af (73% of inflow)
 Center-of-Mass det. time= 352.4 min (1,140.3 - 787.9)

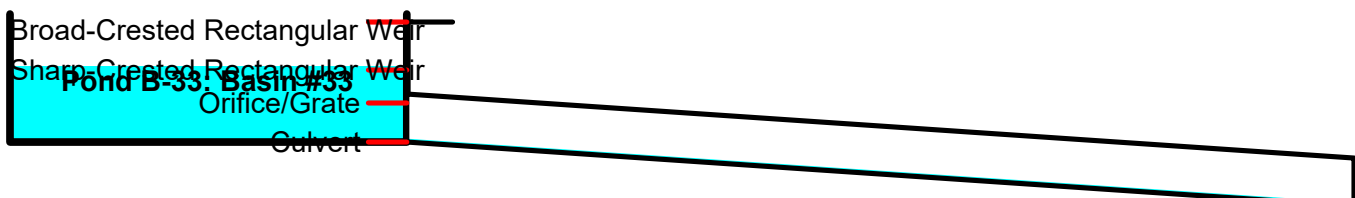
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	16,613 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	2,481	0	0
185.00	3,268	2,875	2,875
186.00	4,111	3,690	6,564
187.00	5,010	4,561	11,125
188.00	5,966	5,488	16,613

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	185.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

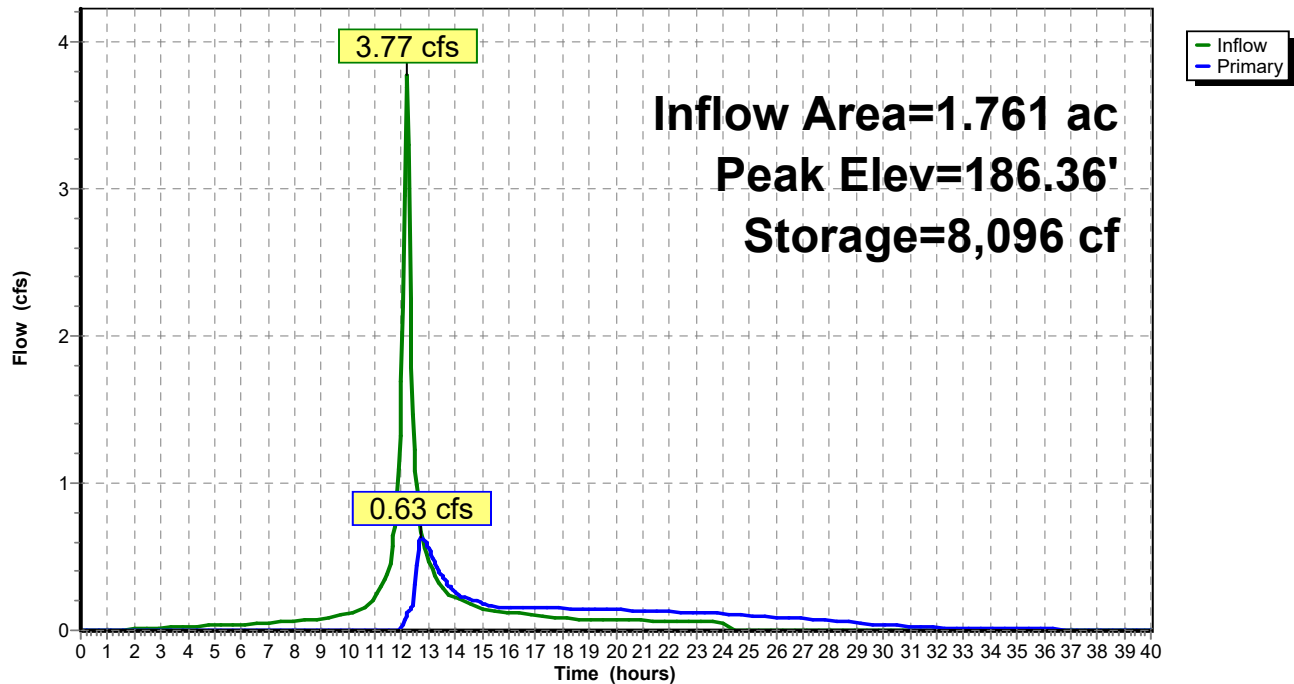
Primary OutFlow Max=0.63 cfs @ 12.74 hrs HW=186.36' (Free Discharge)

1=Culvert (Passes 0.63 cfs of 10.79 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.90 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.46 cfs @ 1.08 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.00	0	184.00	0.00
0.50	0.00	0	184.00	0.00
0.60	0.00	0	184.00	0.00
0.70	0.00	0	184.00	0.00
0.80	0.00	0	184.00	0.00
0.90	0.00	0	184.00	0.00
1.00	0.00	0	184.00	0.00
1.10	0.00	0	184.00	0.00
1.20	0.00	0	184.00	0.00
1.30	0.00	0	184.00	0.00
1.40	0.00	1	184.00	0.00
1.50	0.00	1	184.00	0.00
1.60	0.00	3	184.00	0.00
1.70	0.01	4	184.00	0.00
1.80	0.01	6	184.00	0.00
1.90	0.01	9	184.00	0.00
2.00	0.01	12	184.00	0.00
2.10	0.01	15	184.01	0.00
2.20	0.01	18	184.01	0.00
2.30	0.01	22	184.01	0.00
2.40	0.01	27	184.01	0.00
2.50	0.01	31	184.01	0.00
2.60	0.01	36	184.01	0.00
2.70	0.02	42	184.02	0.00
2.80	0.02	47	184.02	0.00
2.90	0.02	53	184.02	0.00
3.00	0.02	59	184.02	0.00
3.10	0.02	66	184.03	0.00
3.20	0.02	73	184.03	0.00
3.30	0.02	80	184.03	0.00
3.40	0.02	87	184.03	0.00
3.50	0.02	95	184.04	0.00
3.60	0.02	103	184.04	0.00
3.70	0.02	111	184.04	0.00
3.80	0.02	119	184.05	0.00
3.90	0.02	128	184.05	0.00
4.00	0.03	137	184.05	0.00
4.10	0.03	146	184.06	0.00
4.20	0.03	155	184.06	0.00
4.30	0.03	165	184.07	0.00
4.40	0.03	175	184.07	0.00
4.50	0.03	185	184.07	0.00
4.60	0.03	196	184.08	0.00
4.70	0.03	206	184.08	0.00
4.80	0.03	217	184.09	0.00
4.90	0.03	228	184.09	0.00
5.00	0.03	239	184.09	0.00
5.10	0.03	251	184.10	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	262	184.10	0.00
5.30	0.03	274	184.11	0.00
5.40	0.03	286	184.11	0.00
5.50	0.03	299	184.12	0.00
5.60	0.03	311	184.12	0.00
5.70	0.04	324	184.13	0.00
5.80	0.04	337	184.13	0.00
5.90	0.04	350	184.14	0.00
6.00	0.04	363	184.14	0.00
6.10	0.04	376	184.15	0.00
6.20	0.04	390	184.15	0.00
6.30	0.04	404	184.16	0.00
6.40	0.04	419	184.16	0.00
6.50	0.04	434	184.17	0.00
6.60	0.04	450	184.18	0.00
6.70	0.05	466	184.18	0.00
6.80	0.05	482	184.19	0.00
6.90	0.05	499	184.20	0.00
7.00	0.05	516	184.20	0.00
7.10	0.05	534	184.21	0.00
7.20	0.05	552	184.22	0.00
7.30	0.05	571	184.22	0.00
7.40	0.05	590	184.23	0.00
7.50	0.06	610	184.24	0.00
7.60	0.06	630	184.24	0.00
7.70	0.06	651	184.25	0.00
7.80	0.06	672	184.26	0.00
7.90	0.06	694	184.27	0.00
8.00	0.06	716	184.28	0.00
8.10	0.06	738	184.28	0.00
8.20	0.06	761	184.29	0.00
8.30	0.07	785	184.30	0.00
8.40	0.07	809	184.31	0.00
8.50	0.07	833	184.32	0.00
8.60	0.07	858	184.33	0.00
8.70	0.07	883	184.34	0.00
8.80	0.07	909	184.35	0.00
8.90	0.07	936	184.36	0.00
9.00	0.08	962	184.37	0.00
9.10	0.08	990	184.38	0.00
9.20	0.08	1,018	184.39	0.00
9.30	0.09	1,048	184.40	0.00
9.40	0.09	1,080	184.41	0.00
9.50	0.09	1,113	184.42	0.00
9.60	0.10	1,147	184.43	0.00
9.70	0.10	1,183	184.45	0.00
9.80	0.11	1,221	184.46	0.00
9.90	0.11	1,261	184.47	0.00
10.00	0.12	1,302	184.49	0.00
10.10	0.12	1,345	184.50	0.00
10.20	0.13	1,389	184.52	0.00
10.30	0.13	1,435	184.53	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,483	184.55	0.00
10.50	0.14	1,532	184.57	0.00
10.60	0.15	1,584	184.58	0.00
10.70	0.16	1,639	184.60	0.00
10.80	0.18	1,701	184.62	0.00
10.90	0.20	1,769	184.65	0.00
11.00	0.22	1,844	184.67	0.00
11.10	0.24	1,927	184.70	0.00
11.20	0.28	2,020	184.73	0.00
11.30	0.32	2,127	184.76	0.00
11.40	0.36	2,248	184.80	0.00
11.50	0.40	2,383	184.85	0.00
11.60	0.48	2,538	184.90	0.00
11.70	0.64	2,743	184.96	0.00
11.80	0.79	2,999	185.04	0.00
11.90	1.09	3,333	185.14	0.00
12.00	1.69	3,820	185.28	0.01
12.10	2.95	4,621	185.50	0.07
12.20	3.66	5,846	185.82	0.12
12.30	2.25	6,860	186.07	0.14
12.40	1.46	7,461	186.21	0.15
12.50	1.08	7,836	186.30	0.31
12.60	0.88	8,033	186.34	0.55
12.70	0.67	8,094	186.36	0.63
12.80	0.58	8,090	186.36	0.63
12.90	0.52	8,068	186.35	0.60
13.00	0.47	8,039	186.35	0.56
13.10	0.42	8,007	186.34	0.51
13.20	0.38	7,974	186.33	0.47
13.30	0.35	7,943	186.32	0.43
13.40	0.32	7,915	186.32	0.39
13.50	0.29	7,889	186.31	0.37
13.60	0.27	7,862	186.31	0.34
13.70	0.25	7,836	186.30	0.31
13.80	0.23	7,813	186.29	0.29
13.90	0.23	7,794	186.29	0.27
14.00	0.22	7,779	186.29	0.26
14.10	0.21	7,767	186.28	0.24
14.20	0.21	7,756	186.28	0.23
14.30	0.20	7,746	186.28	0.23
14.40	0.19	7,736	186.28	0.22
14.50	0.18	7,725	186.27	0.21
14.60	0.18	7,714	186.27	0.21
14.70	0.17	7,703	186.27	0.20
14.80	0.16	7,691	186.27	0.20
14.90	0.16	7,679	186.26	0.19
15.00	0.15	7,667	186.26	0.18
15.10	0.14	7,655	186.26	0.18
15.20	0.14	7,643	186.26	0.17
15.30	0.13	7,631	186.25	0.16
15.40	0.13	7,621	186.25	0.16
15.50	0.13	7,611	186.25	0.16

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	7,601	186.25	0.16
15.70	0.13	7,590	186.24	0.16
15.80	0.12	7,578	186.24	0.16
15.90	0.12	7,566	186.24	0.16
16.00	0.12	7,553	186.23	0.16
16.10	0.12	7,540	186.23	0.16
16.20	0.12	7,526	186.23	0.16
16.30	0.12	7,512	186.22	0.16
16.40	0.11	7,497	186.22	0.16
16.50	0.11	7,481	186.22	0.16
16.60	0.11	7,465	186.21	0.15
16.70	0.11	7,448	186.21	0.15
16.80	0.11	7,431	186.21	0.15
16.90	0.10	7,413	186.20	0.15
17.00	0.10	7,395	186.20	0.15
17.10	0.10	7,376	186.19	0.15
17.20	0.10	7,357	186.19	0.15
17.30	0.10	7,337	186.18	0.15
17.40	0.09	7,316	186.18	0.15
17.50	0.09	7,295	186.17	0.15
17.60	0.09	7,274	186.17	0.15
17.70	0.09	7,252	186.16	0.15
17.80	0.09	7,229	186.16	0.15
17.90	0.08	7,206	186.15	0.15
18.00	0.08	7,183	186.15	0.15
18.10	0.08	7,159	186.14	0.15
18.20	0.08	7,134	186.14	0.15
18.30	0.08	7,110	186.13	0.15
18.40	0.08	7,085	186.12	0.15
18.50	0.08	7,060	186.12	0.15
18.60	0.08	7,035	186.11	0.15
18.70	0.08	7,011	186.11	0.15
18.80	0.08	6,986	186.10	0.14
18.90	0.08	6,961	186.10	0.14
19.00	0.08	6,937	186.09	0.14
19.10	0.07	6,912	186.08	0.14
19.20	0.07	6,887	186.08	0.14
19.30	0.07	6,863	186.07	0.14
19.40	0.07	6,838	186.07	0.14
19.50	0.07	6,814	186.06	0.14
19.60	0.07	6,790	186.05	0.14
19.70	0.07	6,765	186.05	0.14
19.80	0.07	6,741	186.04	0.14
19.90	0.07	6,717	186.04	0.14
20.00	0.07	6,692	186.03	0.14
20.10	0.07	6,668	186.03	0.14
20.20	0.07	6,644	186.02	0.14
20.30	0.07	6,620	186.01	0.14
20.40	0.07	6,596	186.01	0.14
20.50	0.07	6,572	186.00	0.14
20.60	0.07	6,547	186.00	0.13
20.70	0.07	6,524	185.99	0.13

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	6,500	185.98	0.13
20.90	0.07	6,476	185.98	0.13
21.00	0.07	6,452	185.97	0.13
21.10	0.07	6,428	185.97	0.13
21.20	0.06	6,404	185.96	0.13
21.30	0.06	6,380	185.96	0.13
21.40	0.06	6,357	185.95	0.13
21.50	0.06	6,333	185.94	0.13
21.60	0.06	6,310	185.94	0.13
21.70	0.06	6,286	185.93	0.13
21.80	0.06	6,262	185.93	0.13
21.90	0.06	6,239	185.92	0.13
22.00	0.06	6,216	185.91	0.13
22.10	0.06	6,192	185.91	0.13
22.20	0.06	6,169	185.90	0.12
22.30	0.06	6,146	185.90	0.12
22.40	0.06	6,123	185.89	0.12
22.50	0.06	6,100	185.89	0.12
22.60	0.06	6,076	185.88	0.12
22.70	0.06	6,053	185.87	0.12
22.80	0.06	6,030	185.87	0.12
22.90	0.06	6,008	185.86	0.12
23.00	0.06	5,985	185.86	0.12
23.10	0.06	5,962	185.85	0.12
23.20	0.06	5,939	185.85	0.12
23.30	0.05	5,916	185.84	0.12
23.40	0.05	5,894	185.83	0.12
23.50	0.05	5,871	185.83	0.12
23.60	0.05	5,849	185.82	0.12
23.70	0.05	5,826	185.82	0.12
23.80	0.05	5,804	185.81	0.11
23.90	0.05	5,782	185.81	0.11
24.00	0.05	5,760	185.80	0.11
24.10	0.05	5,738	185.79	0.11
24.20	0.01	5,708	185.79	0.11
24.30	0.00	5,671	185.78	0.11
24.40	0.00	5,632	185.77	0.11
24.50	0.00	5,593	185.76	0.11
24.60	0.00	5,554	185.75	0.11
24.70	0.00	5,516	185.74	0.11
24.80	0.00	5,478	185.73	0.10
24.90	0.00	5,441	185.72	0.10
25.00	0.00	5,404	185.71	0.10
25.10	0.00	5,368	185.70	0.10
25.20	0.00	5,332	185.69	0.10
25.30	0.00	5,296	185.68	0.10
25.40	0.00	5,261	185.67	0.10
25.50	0.00	5,226	185.66	0.10
25.60	0.00	5,192	185.65	0.09
25.70	0.00	5,159	185.65	0.09
25.80	0.00	5,125	185.64	0.09
25.90	0.00	5,093	185.63	0.09

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,060	185.62	0.09
26.10	0.00	5,028	185.61	0.09
26.20	0.00	4,997	185.60	0.09
26.30	0.00	4,966	185.59	0.09
26.40	0.00	4,936	185.59	0.08
26.50	0.00	4,906	185.58	0.08
26.60	0.00	4,876	185.57	0.08
26.70	0.00	4,847	185.56	0.08
26.80	0.00	4,818	185.56	0.08
26.90	0.00	4,790	185.55	0.08
27.00	0.00	4,762	185.54	0.08
27.10	0.00	4,735	185.53	0.07
27.20	0.00	4,709	185.53	0.07
27.30	0.00	4,682	185.52	0.07
27.40	0.00	4,657	185.51	0.07
27.50	0.00	4,631	185.50	0.07
27.60	0.00	4,606	185.50	0.07
27.70	0.00	4,582	185.49	0.07
27.80	0.00	4,558	185.48	0.07
27.90	0.00	4,535	185.48	0.06
28.00	0.00	4,512	185.47	0.06
28.10	0.00	4,489	185.47	0.06
28.20	0.00	4,467	185.46	0.06
28.30	0.00	4,446	185.45	0.06
28.40	0.00	4,425	185.45	0.06
28.50	0.00	4,404	185.44	0.06
28.60	0.00	4,384	185.44	0.06
28.70	0.00	4,365	185.43	0.05
28.80	0.00	4,345	185.43	0.05
28.90	0.00	4,327	185.42	0.05
29.00	0.00	4,309	185.42	0.05
29.10	0.00	4,291	185.41	0.05
29.20	0.00	4,274	185.41	0.05
29.30	0.00	4,257	185.40	0.05
29.40	0.00	4,241	185.40	0.04
29.50	0.00	4,225	185.39	0.04
29.60	0.00	4,210	185.39	0.04
29.70	0.00	4,196	185.39	0.04
29.80	0.00	4,181	185.38	0.04
29.90	0.00	4,168	185.38	0.04
30.00	0.00	4,155	185.37	0.04
30.10	0.00	4,142	185.37	0.03
30.20	0.00	4,130	185.37	0.03
30.30	0.00	4,118	185.36	0.03
30.40	0.00	4,106	185.36	0.03
30.50	0.00	4,095	185.36	0.03
30.60	0.00	4,085	185.35	0.03
30.70	0.00	4,075	185.35	0.03
30.80	0.00	4,065	185.35	0.03
30.90	0.00	4,055	185.35	0.03
31.00	0.00	4,046	185.34	0.03
31.10	0.00	4,037	185.34	0.02

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,028	185.34	0.02
31.30	0.00	4,020	185.34	0.02
31.40	0.00	4,012	185.33	0.02
31.50	0.00	4,004	185.33	0.02
31.60	0.00	3,996	185.33	0.02
31.70	0.00	3,989	185.33	0.02
31.80	0.00	3,982	185.33	0.02
31.90	0.00	3,975	185.32	0.02
32.00	0.00	3,969	185.32	0.02
32.10	0.00	3,962	185.32	0.02
32.20	0.00	3,956	185.32	0.02
32.30	0.00	3,950	185.32	0.02
32.40	0.00	3,944	185.31	0.02
32.50	0.00	3,939	185.31	0.02
32.60	0.00	3,933	185.31	0.02
32.70	0.00	3,928	185.31	0.01
32.80	0.00	3,923	185.31	0.01
32.90	0.00	3,917	185.31	0.01
33.00	0.00	3,913	185.31	0.01
33.10	0.00	3,908	185.30	0.01
33.20	0.00	3,903	185.30	0.01
33.30	0.00	3,898	185.30	0.01
33.40	0.00	3,894	185.30	0.01
33.50	0.00	3,890	185.30	0.01
33.60	0.00	3,885	185.30	0.01
33.70	0.00	3,881	185.30	0.01
33.80	0.00	3,877	185.30	0.01
33.90	0.00	3,874	185.29	0.01
34.00	0.00	3,870	185.29	0.01
34.10	0.00	3,866	185.29	0.01
34.20	0.00	3,863	185.29	0.01
34.30	0.00	3,859	185.29	0.01
34.40	0.00	3,856	185.29	0.01
34.50	0.00	3,852	185.29	0.01
34.60	0.00	3,849	185.29	0.01
34.70	0.00	3,846	185.29	0.01
34.80	0.00	3,843	185.29	0.01
34.90	0.00	3,840	185.28	0.01
35.00	0.00	3,837	185.28	0.01
35.10	0.00	3,834	185.28	0.01
35.20	0.00	3,832	185.28	0.01
35.30	0.00	3,829	185.28	0.01
35.40	0.00	3,826	185.28	0.01
35.50	0.00	3,824	185.28	0.01
35.60	0.00	3,821	185.28	0.01
35.70	0.00	3,819	185.28	0.01
35.80	0.00	3,817	185.28	0.01
35.90	0.00	3,814	185.28	0.01
36.00	0.00	3,812	185.28	0.01
36.10	0.00	3,810	185.28	0.01
36.20	0.00	3,808	185.28	0.01
36.30	0.00	3,805	185.28	0.01

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,803	185.27	0.01
36.50	0.00	3,801	185.27	0.01
36.60	0.00	3,799	185.27	0.01
36.70	0.00	3,797	185.27	0.01
36.80	0.00	3,795	185.27	0.01
36.90	0.00	3,793	185.27	0.01
37.00	0.00	3,791	185.27	0.01
37.10	0.00	3,789	185.27	0.01
37.20	0.00	3,787	185.27	0.01
37.30	0.00	3,785	185.27	0.01
37.40	0.00	3,783	185.27	0.01
37.50	0.00	3,782	185.27	0.01
37.60	0.00	3,780	185.27	0.00
37.70	0.00	3,778	185.27	0.00
37.80	0.00	3,776	185.27	0.00
37.90	0.00	3,775	185.27	0.00
38.00	0.00	3,773	185.27	0.00
38.10	0.00	3,771	185.27	0.00
38.20	0.00	3,770	185.26	0.00
38.30	0.00	3,768	185.26	0.00
38.40	0.00	3,766	185.26	0.00
38.50	0.00	3,765	185.26	0.00
38.60	0.00	3,763	185.26	0.00
38.70	0.00	3,762	185.26	0.00
38.80	0.00	3,760	185.26	0.00
38.90	0.00	3,759	185.26	0.00
39.00	0.00	3,757	185.26	0.00
39.10	0.00	3,756	185.26	0.00
39.20	0.00	3,755	185.26	0.00
39.30	0.00	3,753	185.26	0.00
39.40	0.00	3,752	185.26	0.00
39.50	0.00	3,750	185.26	0.00
39.60	0.00	3,749	185.26	0.00
39.70	0.00	3,748	185.26	0.00
39.80	0.00	3,747	185.26	0.00
39.90	0.00	3,745	185.26	0.00
40.00	0.00	3,744	185.26	0.00

Stage-Discharge for Pond B-33: Basin #33

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.00	185.04	0.00	185.56	0.08
184.01	0.00	184.53	0.00	185.05	0.00	185.57	0.08
184.02	0.00	184.54	0.00	185.06	0.00	185.58	0.08
184.03	0.00	184.55	0.00	185.07	0.00	185.59	0.08
184.04	0.00	184.56	0.00	185.08	0.00	185.60	0.09
184.05	0.00	184.57	0.00	185.09	0.00	185.61	0.09
184.06	0.00	184.58	0.00	185.10	0.00	185.62	0.09
184.07	0.00	184.59	0.00	185.11	0.00	185.63	0.09
184.08	0.00	184.60	0.00	185.12	0.00	185.64	0.09
184.09	0.00	184.61	0.00	185.13	0.00	185.65	0.09
184.10	0.00	184.62	0.00	185.14	0.00	185.66	0.10
184.11	0.00	184.63	0.00	185.15	0.00	185.67	0.10
184.12	0.00	184.64	0.00	185.16	0.00	185.68	0.10
184.13	0.00	184.65	0.00	185.17	0.00	185.69	0.10
184.14	0.00	184.66	0.00	185.18	0.00	185.70	0.10
184.15	0.00	184.67	0.00	185.19	0.00	185.71	0.10
184.16	0.00	184.68	0.00	185.20	0.00	185.72	0.10
184.17	0.00	184.69	0.00	185.21	0.00	185.73	0.10
184.18	0.00	184.70	0.00	185.22	0.00	185.74	0.11
184.19	0.00	184.71	0.00	185.23	0.00	185.75	0.11
184.20	0.00	184.72	0.00	185.24	0.00	185.76	0.11
184.21	0.00	184.73	0.00	185.25	0.00	185.77	0.11
184.22	0.00	184.74	0.00	185.26	0.00	185.78	0.11
184.23	0.00	184.75	0.00	185.27	0.00	185.79	0.11
184.24	0.00	184.76	0.00	185.28	0.01	185.80	0.11
184.25	0.00	184.77	0.00	185.29	0.01	185.81	0.11
184.26	0.00	184.78	0.00	185.30	0.01	185.82	0.12
184.27	0.00	184.79	0.00	185.31	0.01	185.83	0.12
184.28	0.00	184.80	0.00	185.32	0.02	185.84	0.12
184.29	0.00	184.81	0.00	185.33	0.02	185.85	0.12
184.30	0.00	184.82	0.00	185.34	0.02	185.86	0.12
184.31	0.00	184.83	0.00	185.35	0.03	185.87	0.12
184.32	0.00	184.84	0.00	185.36	0.03	185.88	0.12
184.33	0.00	184.85	0.00	185.37	0.03	185.89	0.12
184.34	0.00	184.86	0.00	185.38	0.04	185.90	0.12
184.35	0.00	184.87	0.00	185.39	0.04	185.91	0.13
184.36	0.00	184.88	0.00	185.40	0.05	185.92	0.13
184.37	0.00	184.89	0.00	185.41	0.05	185.93	0.13
184.38	0.00	184.90	0.00	185.42	0.05	185.94	0.13
184.39	0.00	184.91	0.00	185.43	0.05	185.95	0.13
184.40	0.00	184.92	0.00	185.44	0.06	185.96	0.13
184.41	0.00	184.93	0.00	185.45	0.06	185.97	0.13
184.42	0.00	184.94	0.00	185.46	0.06	185.98	0.13
184.43	0.00	184.95	0.00	185.47	0.06	185.99	0.13
184.44	0.00	184.96	0.00	185.48	0.06	186.00	0.13
184.45	0.00	184.97	0.00	185.49	0.07	186.01	0.14
184.46	0.00	184.98	0.00	185.50	0.07	186.02	0.14
184.47	0.00	184.99	0.00	185.51	0.07	186.03	0.14
184.48	0.00	185.00	0.00	185.52	0.07	186.04	0.14
184.49	0.00	185.01	0.00	185.53	0.07	186.05	0.14
184.50	0.00	185.02	0.00	185.54	0.08	186.06	0.14
184.51	0.00	185.03	0.00	185.55	0.08	186.07	0.14

Stage-Discharge for Pond B-33: Basin #33 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.14	186.60	2.85	187.12	10.37	187.64	14.46
186.09	0.14	186.61	2.96	187.13	10.54	187.65	14.49
186.10	0.14	186.62	3.08	187.14	10.71	187.66	14.51
186.11	0.15	186.63	3.19	187.15	10.89	187.67	14.54
186.12	0.15	186.64	3.31	187.16	11.06	187.68	14.56
186.13	0.15	186.65	3.43	187.17	11.23	187.69	14.59
186.14	0.15	186.66	3.55	187.18	11.41	187.70	14.61
186.15	0.15	186.67	3.68	187.19	11.58	187.71	14.64
186.16	0.15	186.68	3.80	187.20	11.76	187.72	14.66
186.17	0.15	186.69	3.93	187.21	11.94	187.73	14.69
186.18	0.15	186.70	4.05	187.22	12.12	187.74	14.71
186.19	0.15	186.71	4.18	187.23	12.29	187.75	14.74
186.20	0.15	186.72	4.31	187.24	12.47	187.76	14.88
186.21	0.15	186.73	4.44	187.25	12.65	187.77	15.12
186.22	0.16	186.74	4.57	187.26	12.83	187.78	15.42
186.23	0.16	186.75	4.70	187.27	13.02	187.79	15.77
186.24	0.16	186.76	4.84	187.28	13.20	187.80	16.17
186.25	0.16	186.77	4.97	187.29	13.38	187.81	16.61
186.26	0.17	186.78	5.11	187.30	13.57	187.82	17.08
186.27	0.20	186.79	5.25	187.31	13.61	187.83	17.59
186.28	0.23	186.80	5.39	187.32	13.64	187.84	18.13
186.29	0.27	186.81	5.53	187.33	13.67	187.85	18.70
186.30	0.31	186.82	5.67	187.34	13.69	187.86	19.30
186.31	0.35	186.83	5.81	187.35	13.72	187.87	19.92
186.32	0.41	186.84	5.95	187.36	13.75	187.88	20.57
186.33	0.46	186.85	6.10	187.37	13.77	187.89	21.25
186.34	0.52	186.86	6.24	187.38	13.80	187.90	21.95
186.35	0.58	186.87	6.39	187.39	13.83	187.91	22.67
186.36	0.64	186.88	6.54	187.40	13.85	187.92	23.42
186.37	0.71	186.89	6.69	187.41	13.88	187.93	24.19
186.38	0.78	186.90	6.84	187.42	13.90	187.94	24.98
186.39	0.85	186.91	6.99	187.43	13.93	187.95	25.79
186.40	0.92	186.92	7.14	187.44	13.96	187.96	26.66
186.41	1.00	186.93	7.29	187.45	13.98	187.97	27.55
186.42	1.08	186.94	7.45	187.46	14.01	187.98	28.47
186.43	1.16	186.95	7.60	187.47	14.03	187.99	29.42
186.44	1.25	186.96	7.76	187.48	14.06	188.00	30.39
186.45	1.33	186.97	7.91	187.49	14.08		
186.46	1.42	186.98	8.07	187.50	14.11		
186.47	1.51	186.99	8.23	187.51	14.14		
186.48	1.60	187.00	8.39	187.52	14.16		
186.49	1.70	187.01	8.55	187.53	14.19		
186.50	1.79	187.02	8.71	187.54	14.21		
186.51	1.89	187.03	8.87	187.55	14.24		
186.52	1.99	187.04	9.04	187.56	14.26		
186.53	2.09	187.05	9.20	187.57	14.29		
186.54	2.19	187.06	9.37	187.58	14.31		
186.55	2.30	187.07	9.53	187.59	14.34		
186.56	2.41	187.08	9.70	187.60	14.36		
186.57	2.51	187.09	9.87	187.61	14.39		
186.58	2.62	187.10	10.03	187.62	14.41		
186.59	2.73	187.11	10.20	187.63	14.44		

Stage-Area-Storage for Pond B-33: Basin #33

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	2,481	0	184.52	2,890	1,397
184.01	2,489	25	184.53	2,898	1,425
184.02	2,497	50	184.54	2,906	1,454
184.03	2,505	75	184.55	2,914	1,484
184.04	2,512	100	184.56	2,922	1,513
184.05	2,520	125	184.57	2,930	1,542
184.06	2,528	150	184.58	2,937	1,571
184.07	2,536	176	184.59	2,945	1,601
184.08	2,544	201	184.60	2,953	1,630
184.09	2,552	226	184.61	2,961	1,660
184.10	2,560	252	184.62	2,969	1,689
184.11	2,568	278	184.63	2,977	1,719
184.12	2,575	303	184.64	2,985	1,749
184.13	2,583	329	184.65	2,993	1,779
184.14	2,591	355	184.66	3,000	1,809
184.15	2,599	381	184.67	3,008	1,839
184.16	2,607	407	184.68	3,016	1,869
184.17	2,615	433	184.69	3,024	1,899
184.18	2,623	459	184.70	3,032	1,930
184.19	2,631	486	184.71	3,040	1,960
184.20	2,638	512	184.72	3,048	1,990
184.21	2,646	538	184.73	3,056	2,021
184.22	2,654	565	184.74	3,063	2,051
184.23	2,662	591	184.75	3,071	2,082
184.24	2,670	618	184.76	3,079	2,113
184.25	2,678	645	184.77	3,087	2,144
184.26	2,686	672	184.78	3,095	2,175
184.27	2,693	699	184.79	3,103	2,206
184.28	2,701	726	184.80	3,111	2,237
184.29	2,709	753	184.81	3,118	2,268
184.30	2,717	780	184.82	3,126	2,299
184.31	2,725	807	184.83	3,134	2,330
184.32	2,733	834	184.84	3,142	2,362
184.33	2,741	862	184.85	3,150	2,393
184.34	2,749	889	184.86	3,158	2,425
184.35	2,756	917	184.87	3,166	2,456
184.36	2,764	944	184.88	3,174	2,488
184.37	2,772	972	184.89	3,181	2,520
184.38	2,780	1,000	184.90	3,189	2,552
184.39	2,788	1,027	184.91	3,197	2,584
184.40	2,796	1,055	184.92	3,205	2,616
184.41	2,804	1,083	184.93	3,213	2,648
184.42	2,812	1,111	184.94	3,221	2,680
184.43	2,819	1,140	184.95	3,229	2,712
184.44	2,827	1,168	184.96	3,237	2,744
184.45	2,835	1,196	184.97	3,244	2,777
184.46	2,843	1,225	184.98	3,252	2,809
184.47	2,851	1,253	184.99	3,260	2,842
184.48	2,859	1,282	185.00	3,268	2,875
184.49	2,867	1,310	185.01	3,276	2,907
184.50	2,875	1,339	185.02	3,285	2,940
184.51	2,882	1,368	185.03	3,293	2,973

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	3,302	3,006	185.56	3,740	4,837
185.05	3,310	3,039	185.57	3,749	4,874
185.06	3,319	3,072	185.58	3,757	4,912
185.07	3,327	3,105	185.59	3,765	4,949
185.08	3,335	3,139	185.60	3,774	4,987
185.09	3,344	3,172	185.61	3,782	5,025
185.10	3,352	3,206	185.62	3,791	5,063
185.11	3,361	3,239	185.63	3,799	5,101
185.12	3,369	3,273	185.64	3,808	5,139
185.13	3,378	3,306	185.65	3,816	5,177
185.14	3,386	3,340	185.66	3,824	5,215
185.15	3,394	3,374	185.67	3,833	5,253
185.16	3,403	3,408	185.68	3,841	5,292
185.17	3,411	3,442	185.69	3,850	5,330
185.18	3,420	3,476	185.70	3,858	5,369
185.19	3,428	3,511	185.71	3,867	5,407
185.20	3,437	3,545	185.72	3,875	5,446
185.21	3,445	3,579	185.73	3,883	5,485
185.22	3,453	3,614	185.74	3,892	5,524
185.23	3,462	3,648	185.75	3,900	5,563
185.24	3,470	3,683	185.76	3,909	5,602
185.25	3,479	3,718	185.77	3,917	5,641
185.26	3,487	3,753	185.78	3,926	5,680
185.27	3,496	3,788	185.79	3,934	5,719
185.28	3,504	3,823	185.80	3,942	5,759
185.29	3,512	3,858	185.81	3,951	5,798
185.30	3,521	3,893	185.82	3,959	5,838
185.31	3,529	3,928	185.83	3,968	5,877
185.32	3,538	3,963	185.84	3,976	5,917
185.33	3,546	3,999	185.85	3,985	5,957
185.34	3,555	4,034	185.86	3,993	5,997
185.35	3,563	4,070	185.87	4,001	6,037
185.36	3,571	4,106	185.88	4,010	6,077
185.37	3,580	4,141	185.89	4,018	6,117
185.38	3,588	4,177	185.90	4,027	6,157
185.39	3,597	4,213	185.91	4,035	6,197
185.40	3,605	4,249	185.92	4,044	6,238
185.41	3,614	4,285	185.93	4,052	6,278
185.42	3,622	4,321	185.94	4,060	6,319
185.43	3,630	4,358	185.95	4,069	6,360
185.44	3,639	4,394	185.96	4,077	6,400
185.45	3,647	4,430	185.97	4,086	6,441
185.46	3,656	4,467	185.98	4,094	6,482
185.47	3,664	4,504	185.99	4,103	6,523
185.48	3,673	4,540	186.00	4,111	6,564
185.49	3,681	4,577	186.01	4,120	6,605
185.50	3,690	4,614	186.02	4,129	6,646
185.51	3,698	4,651	186.03	4,138	6,688
185.52	3,706	4,688	186.04	4,147	6,729
185.53	3,715	4,725	186.05	4,156	6,771
185.54	3,723	4,762	186.06	4,165	6,812
185.55	3,732	4,799	186.07	4,174	6,854

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	4,183	6,896	186.60	4,650	9,192
186.09	4,192	6,938	186.61	4,659	9,239
186.10	4,201	6,980	186.62	4,668	9,286
186.11	4,210	7,022	186.63	4,677	9,332
186.12	4,219	7,064	186.64	4,686	9,379
186.13	4,228	7,106	186.65	4,695	9,426
186.14	4,237	7,148	186.66	4,704	9,473
186.15	4,246	7,191	186.67	4,713	9,520
186.16	4,255	7,233	186.68	4,722	9,567
186.17	4,264	7,276	186.69	4,731	9,615
186.18	4,273	7,319	186.70	4,740	9,662
186.19	4,282	7,361	186.71	4,749	9,709
186.20	4,291	7,404	186.72	4,758	9,757
186.21	4,300	7,447	186.73	4,767	9,805
186.22	4,309	7,490	186.74	4,776	9,852
186.23	4,318	7,533	186.75	4,785	9,900
186.24	4,327	7,577	186.76	4,794	9,948
186.25	4,336	7,620	186.77	4,803	9,996
186.26	4,345	7,663	186.78	4,812	10,044
186.27	4,354	7,707	186.79	4,821	10,092
186.28	4,363	7,750	186.80	4,830	10,140
186.29	4,372	7,794	186.81	4,839	10,189
186.30	4,381	7,838	186.82	4,848	10,237
186.31	4,390	7,882	186.83	4,857	10,286
186.32	4,399	7,926	186.84	4,866	10,334
186.33	4,408	7,970	186.85	4,875	10,383
186.34	4,417	8,014	186.86	4,884	10,432
186.35	4,426	8,058	186.87	4,893	10,481
186.36	4,435	8,102	186.88	4,902	10,530
186.37	4,444	8,147	186.89	4,911	10,579
186.38	4,453	8,191	186.90	4,920	10,628
186.39	4,462	8,236	186.91	4,929	10,677
186.40	4,471	8,280	186.92	4,938	10,727
186.41	4,480	8,325	186.93	4,947	10,776
186.42	4,489	8,370	186.94	4,956	10,826
186.43	4,498	8,415	186.95	4,965	10,875
186.44	4,507	8,460	186.96	4,974	10,925
186.45	4,516	8,505	186.97	4,983	10,975
186.46	4,525	8,550	186.98	4,992	11,024
186.47	4,534	8,595	186.99	5,001	11,074
186.48	4,543	8,641	187.00	5,010	11,125
186.49	4,552	8,686	187.01	5,020	11,175
186.50	4,561	8,732	187.02	5,029	11,225
186.51	4,569	8,778	187.03	5,039	11,275
186.52	4,578	8,823	187.04	5,048	11,326
186.53	4,587	8,869	187.05	5,058	11,376
186.54	4,596	8,915	187.06	5,067	11,427
186.55	4,605	8,961	187.07	5,077	11,478
186.56	4,614	9,007	187.08	5,086	11,528
186.57	4,623	9,053	187.09	5,096	11,579
186.58	4,632	9,100	187.10	5,106	11,630
186.59	4,641	9,146	187.11	5,115	11,681

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	5,125	11,733	187.64	5,622	14,527
187.13	5,134	11,784	187.65	5,631	14,583
187.14	5,144	11,835	187.66	5,641	14,639
187.15	5,153	11,887	187.67	5,651	14,696
187.16	5,163	11,938	187.68	5,660	14,752
187.17	5,173	11,990	187.69	5,670	14,809
187.18	5,182	12,042	187.70	5,679	14,866
187.19	5,192	12,094	187.71	5,689	14,923
187.20	5,201	12,146	187.72	5,698	14,979
187.21	5,211	12,198	187.73	5,708	15,037
187.22	5,220	12,250	187.74	5,717	15,094
187.23	5,230	12,302	187.75	5,727	15,151
187.24	5,239	12,354	187.76	5,737	15,208
187.25	5,249	12,407	187.77	5,746	15,266
187.26	5,259	12,459	187.78	5,756	15,323
187.27	5,268	12,512	187.79	5,765	15,381
187.28	5,278	12,565	187.80	5,775	15,438
187.29	5,287	12,618	187.81	5,784	15,496
187.30	5,297	12,671	187.82	5,794	15,554
187.31	5,306	12,724	187.83	5,803	15,612
187.32	5,316	12,777	187.84	5,813	15,670
187.33	5,325	12,830	187.85	5,823	15,728
187.34	5,335	12,883	187.86	5,832	15,787
187.35	5,345	12,937	187.87	5,842	15,845
187.36	5,354	12,990	187.88	5,851	15,903
187.37	5,364	13,044	187.89	5,861	15,962
187.38	5,373	13,097	187.90	5,870	16,021
187.39	5,383	13,151	187.91	5,880	16,079
187.40	5,392	13,205	187.92	5,890	16,138
187.41	5,402	13,259	187.93	5,899	16,197
187.42	5,412	13,313	187.94	5,909	16,256
187.43	5,421	13,367	187.95	5,918	16,315
187.44	5,431	13,421	187.96	5,928	16,375
187.45	5,440	13,476	187.97	5,937	16,434
187.46	5,450	13,530	187.98	5,947	16,493
187.47	5,459	13,585	187.99	5,956	16,553
187.48	5,469	13,639	188.00	5,966	16,613
187.49	5,478	13,694			
187.50	5,488	13,749			
187.51	5,498	13,804			
187.52	5,507	13,859			
187.53	5,517	13,914			
187.54	5,526	13,969			
187.55	5,536	14,025			
187.56	5,545	14,080			
187.57	5,555	14,136			
187.58	5,564	14,191			
187.59	5,574	14,247			
187.60	5,584	14,303			
187.61	5,593	14,358			
187.62	5,603	14,414			
187.63	5,612	14,471			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 1.61" for Current 2 yr event
 Inflow = 2.92 cfs @ 12.18 hrs, Volume= 0.238 af
 Outflow = 0.15 cfs @ 14.77 hrs, Volume= 0.188 af, Atten= 95%, Lag= 155.4 min
 Primary = 0.15 cfs @ 14.77 hrs, Volume= 0.188 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.31' @ 14.77 hrs Surf.Area= 5,659 sf Storage= 6,586 cf

Plug-Flow detention time= 543.2 min calculated for 0.188 af (79% of inflow)
 Center-of-Mass det. time= 454.5 min (1,272.2 - 817.7)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	25,913 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	4,390	0	0
192.00	5,343	4,867	4,867
193.00	6,353	5,848	10,715
194.00	7,419	6,886	17,601
195.00	9,205	8,312	25,913

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.42'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.25'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

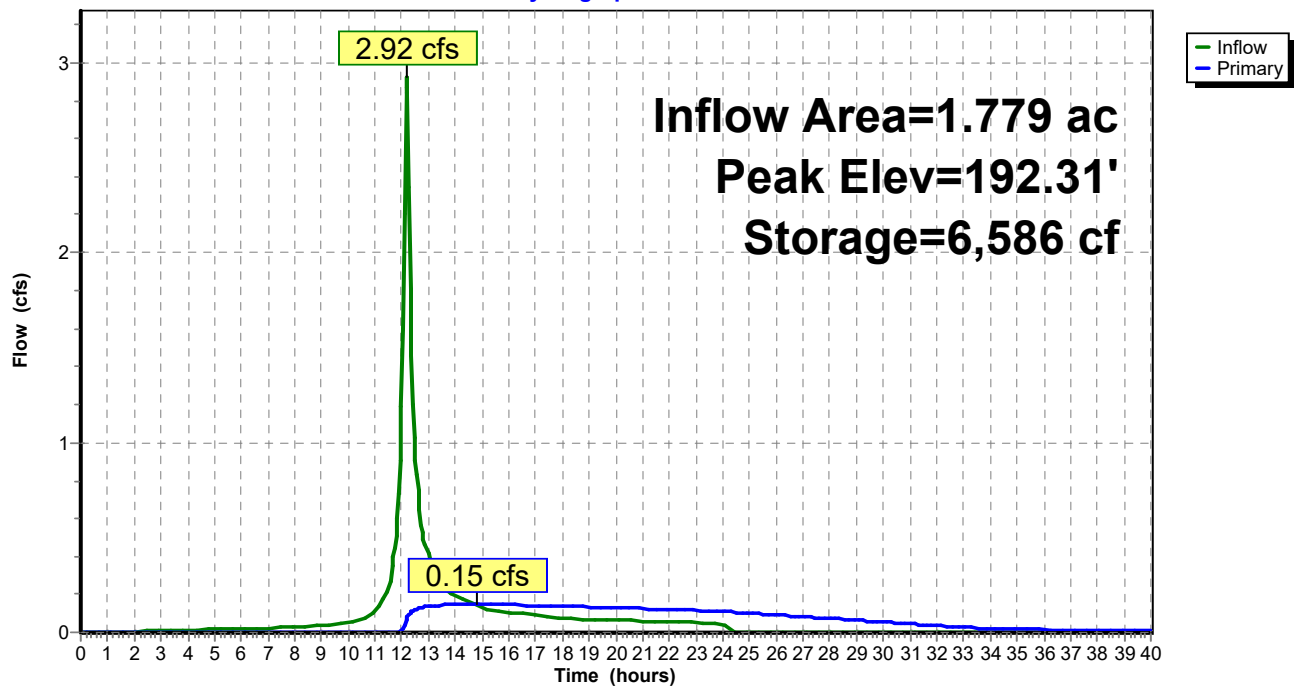
Primary OutFlow Max=0.15 cfs @ 14.77 hrs HW=192.31' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 10.02 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.28 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	0	191.00	0.00
1.30	0.00	0	191.00	0.00
1.40	0.00	0	191.00	0.00
1.50	0.00	1	191.00	0.00
1.60	0.00	1	191.00	0.00
1.70	0.00	2	191.00	0.00
1.80	0.00	3	191.00	0.00
1.90	0.00	4	191.00	0.00
2.00	0.00	5	191.00	0.00
2.10	0.00	7	191.00	0.00
2.20	0.00	9	191.00	0.00
2.30	0.01	10	191.00	0.00
2.40	0.01	12	191.00	0.00
2.50	0.01	15	191.00	0.00
2.60	0.01	17	191.00	0.00
2.70	0.01	19	191.00	0.00
2.80	0.01	22	191.01	0.00
2.90	0.01	25	191.01	0.00
3.00	0.01	28	191.01	0.00
3.10	0.01	31	191.01	0.00
3.20	0.01	34	191.01	0.00
3.30	0.01	37	191.01	0.00
3.40	0.01	41	191.01	0.00
3.50	0.01	44	191.01	0.00
3.60	0.01	48	191.01	0.00
3.70	0.01	52	191.01	0.00
3.80	0.01	56	191.01	0.00
3.90	0.01	60	191.01	0.00
4.00	0.01	64	191.01	0.00
4.10	0.01	68	191.02	0.00
4.20	0.01	73	191.02	0.00
4.30	0.01	77	191.02	0.00
4.40	0.01	82	191.02	0.00
4.50	0.01	87	191.02	0.00
4.60	0.01	92	191.02	0.00
4.70	0.01	97	191.02	0.00
4.80	0.01	102	191.02	0.00
4.90	0.01	107	191.02	0.00
5.00	0.01	112	191.03	0.00
5.10	0.02	118	191.03	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	123	191.03	0.00
5.30	0.02	129	191.03	0.00
5.40	0.02	134	191.03	0.00
5.50	0.02	140	191.03	0.00
5.60	0.02	146	191.03	0.00
5.70	0.02	152	191.03	0.00
5.80	0.02	158	191.04	0.00
5.90	0.02	164	191.04	0.00
6.00	0.02	170	191.04	0.00
6.10	0.02	176	191.04	0.00
6.20	0.02	183	191.04	0.00
6.30	0.02	190	191.04	0.00
6.40	0.02	196	191.04	0.00
6.50	0.02	204	191.05	0.00
6.60	0.02	211	191.05	0.00
6.70	0.02	218	191.05	0.00
6.80	0.02	226	191.05	0.00
6.90	0.02	234	191.05	0.00
7.00	0.02	242	191.05	0.00
7.10	0.02	250	191.06	0.00
7.20	0.02	259	191.06	0.00
7.30	0.02	268	191.06	0.00
7.40	0.03	277	191.06	0.00
7.50	0.03	286	191.06	0.00
7.60	0.03	295	191.07	0.00
7.70	0.03	305	191.07	0.00
7.80	0.03	315	191.07	0.00
7.90	0.03	325	191.07	0.00
8.00	0.03	335	191.08	0.00
8.10	0.03	346	191.08	0.00
8.20	0.03	357	191.08	0.00
8.30	0.03	368	191.08	0.00
8.40	0.03	379	191.09	0.00
8.50	0.03	391	191.09	0.00
8.60	0.03	402	191.09	0.00
8.70	0.03	414	191.09	0.00
8.80	0.03	426	191.10	0.00
8.90	0.03	439	191.10	0.00
9.00	0.04	451	191.10	0.00
9.10	0.04	464	191.10	0.00
9.20	0.04	477	191.11	0.00
9.30	0.04	491	191.11	0.00
9.40	0.04	506	191.11	0.00
9.50	0.04	522	191.12	0.00
9.60	0.05	538	191.12	0.00
9.70	0.05	555	191.12	0.00
9.80	0.05	573	191.13	0.00
9.90	0.05	591	191.13	0.00
10.00	0.05	610	191.14	0.00
10.10	0.06	630	191.14	0.00
10.20	0.06	651	191.15	0.00
10.30	0.06	673	191.15	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	695	191.16	0.00
10.50	0.07	718	191.16	0.00
10.60	0.07	742	191.17	0.00
10.70	0.08	769	191.17	0.00
10.80	0.09	798	191.18	0.00
10.90	0.10	831	191.19	0.00
11.00	0.11	868	191.19	0.00
11.10	0.13	911	191.20	0.00
11.20	0.15	960	191.21	0.00
11.30	0.17	1,018	191.23	0.00
11.40	0.20	1,086	191.24	0.00
11.50	0.23	1,164	191.26	0.00
11.60	0.29	1,256	191.28	0.00
11.70	0.40	1,381	191.30	0.00
11.80	0.51	1,543	191.34	0.00
11.90	0.73	1,764	191.39	0.00
12.00	1.19	2,100	191.46	0.00
12.10	2.21	2,688	191.58	0.04
12.20	2.87	3,634	191.76	0.08
12.30	1.81	4,444	191.92	0.10
12.40	1.20	4,938	192.01	0.11
12.50	0.90	5,268	192.07	0.12
12.60	0.74	5,521	192.12	0.13
12.70	0.57	5,708	192.16	0.13
12.80	0.49	5,850	192.18	0.13
12.90	0.45	5,971	192.20	0.14
13.00	0.40	6,075	192.22	0.14
13.10	0.36	6,163	192.24	0.14
13.20	0.33	6,237	192.25	0.14
13.30	0.30	6,299	192.26	0.14
13.40	0.28	6,352	192.27	0.14
13.50	0.25	6,397	192.28	0.14
13.60	0.23	6,433	192.29	0.14
13.70	0.21	6,461	192.29	0.14
13.80	0.20	6,484	192.29	0.14
13.90	0.20	6,504	192.30	0.14
14.00	0.19	6,522	192.30	0.14
14.10	0.19	6,538	192.30	0.14
14.20	0.18	6,551	192.31	0.15
14.30	0.17	6,563	192.31	0.15
14.40	0.17	6,572	192.31	0.15
14.50	0.16	6,579	192.31	0.15
14.60	0.16	6,584	192.31	0.15
14.70	0.15	6,586	192.31	0.15
14.80	0.14	6,586	192.31	0.15
14.90	0.14	6,585	192.31	0.15
15.00	0.13	6,581	192.31	0.15
15.10	0.13	6,575	192.31	0.15
15.20	0.12	6,566	192.31	0.15
15.30	0.12	6,557	192.31	0.15
15.40	0.12	6,547	192.31	0.15
15.50	0.11	6,536	192.30	0.14

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.11	6,525	192.30	0.14
15.70	0.11	6,513	192.30	0.14
15.80	0.11	6,501	192.30	0.14
15.90	0.11	6,488	192.30	0.14
16.00	0.11	6,475	192.29	0.14
16.10	0.11	6,461	192.29	0.14
16.20	0.10	6,447	192.29	0.14
16.30	0.10	6,433	192.29	0.14
16.40	0.10	6,418	192.28	0.14
16.50	0.10	6,402	192.28	0.14
16.60	0.10	6,386	192.28	0.14
16.70	0.10	6,369	192.27	0.14
16.80	0.09	6,352	192.27	0.14
16.90	0.09	6,335	192.27	0.14
17.00	0.09	6,317	192.26	0.14
17.10	0.09	6,298	192.26	0.14
17.20	0.09	6,279	192.26	0.14
17.30	0.09	6,260	192.25	0.14
17.40	0.08	6,240	192.25	0.14
17.50	0.08	6,219	192.25	0.14
17.60	0.08	6,199	192.24	0.14
17.70	0.08	6,177	192.24	0.14
17.80	0.08	6,156	192.24	0.14
17.90	0.08	6,133	192.23	0.14
18.00	0.07	6,111	192.23	0.14
18.10	0.07	6,087	192.22	0.14
18.20	0.07	6,064	192.22	0.14
18.30	0.07	6,040	192.22	0.14
18.40	0.07	6,016	192.21	0.14
18.50	0.07	5,992	192.21	0.14
18.60	0.07	5,968	192.20	0.14
18.70	0.07	5,944	192.20	0.13
18.80	0.07	5,921	192.19	0.13
18.90	0.07	5,897	192.19	0.13
19.00	0.07	5,873	192.19	0.13
19.10	0.07	5,849	192.18	0.13
19.20	0.07	5,825	192.18	0.13
19.30	0.07	5,802	192.17	0.13
19.40	0.07	5,778	192.17	0.13
19.50	0.07	5,754	192.16	0.13
19.60	0.06	5,730	192.16	0.13
19.70	0.06	5,707	192.15	0.13
19.80	0.06	5,683	192.15	0.13
19.90	0.06	5,659	192.15	0.13
20.00	0.06	5,636	192.14	0.13
20.10	0.06	5,612	192.14	0.13
20.20	0.06	5,589	192.13	0.13
20.30	0.06	5,565	192.13	0.13
20.40	0.06	5,541	192.12	0.13
20.50	0.06	5,518	192.12	0.13
20.60	0.06	5,494	192.12	0.13
20.70	0.06	5,471	192.11	0.13

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	5,447	192.11	0.13
20.90	0.06	5,424	192.10	0.12
21.00	0.06	5,400	192.10	0.12
21.10	0.06	5,377	192.09	0.12
21.20	0.06	5,353	192.09	0.12
21.30	0.06	5,330	192.09	0.12
21.40	0.06	5,307	192.08	0.12
21.50	0.06	5,283	192.08	0.12
21.60	0.06	5,260	192.07	0.12
21.70	0.06	5,237	192.07	0.12
21.80	0.06	5,213	192.06	0.12
21.90	0.06	5,190	192.06	0.12
22.00	0.06	5,167	192.06	0.12
22.10	0.05	5,144	192.05	0.12
22.20	0.05	5,120	192.05	0.12
22.30	0.05	5,097	192.04	0.12
22.40	0.05	5,074	192.04	0.12
22.50	0.05	5,051	192.03	0.12
22.60	0.05	5,028	192.03	0.12
22.70	0.05	5,005	192.03	0.12
22.80	0.05	4,982	192.02	0.12
22.90	0.05	4,959	192.02	0.12
23.00	0.05	4,936	192.01	0.11
23.10	0.05	4,913	192.01	0.11
23.20	0.05	4,890	192.00	0.11
23.30	0.05	4,867	192.00	0.11
23.40	0.05	4,844	192.00	0.11
23.50	0.05	4,821	191.99	0.11
23.60	0.05	4,798	191.99	0.11
23.70	0.05	4,776	191.98	0.11
23.80	0.05	4,753	191.98	0.11
23.90	0.05	4,730	191.97	0.11
24.00	0.05	4,708	191.97	0.11
24.10	0.04	4,686	191.97	0.11
24.20	0.01	4,656	191.96	0.11
24.30	0.00	4,619	191.95	0.11
24.40	0.00	4,581	191.95	0.11
24.50	0.00	4,543	191.94	0.11
24.60	0.00	4,505	191.93	0.10
24.70	0.00	4,468	191.92	0.10
24.80	0.00	4,430	191.92	0.10
24.90	0.00	4,394	191.91	0.10
25.00	0.00	4,357	191.90	0.10
25.10	0.00	4,321	191.90	0.10
25.20	0.00	4,285	191.89	0.10
25.30	0.00	4,249	191.88	0.10
25.40	0.00	4,214	191.88	0.10
25.50	0.00	4,179	191.87	0.10
25.60	0.00	4,145	191.86	0.10
25.70	0.00	4,110	191.86	0.09
25.80	0.00	4,077	191.85	0.09
25.90	0.00	4,043	191.84	0.09

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,010	191.84	0.09
26.10	0.00	3,977	191.83	0.09
26.20	0.00	3,944	191.82	0.09
26.30	0.00	3,912	191.82	0.09
26.40	0.00	3,880	191.81	0.09
26.50	0.00	3,849	191.81	0.09
26.60	0.00	3,818	191.80	0.09
26.70	0.00	3,787	191.79	0.09
26.80	0.00	3,756	191.79	0.08
26.90	0.00	3,726	191.78	0.08
27.00	0.00	3,696	191.78	0.08
27.10	0.00	3,667	191.77	0.08
27.20	0.00	3,637	191.77	0.08
27.30	0.00	3,609	191.76	0.08
27.40	0.00	3,580	191.75	0.08
27.50	0.00	3,552	191.75	0.08
27.60	0.00	3,524	191.74	0.08
27.70	0.00	3,497	191.74	0.08
27.80	0.00	3,470	191.73	0.07
27.90	0.00	3,443	191.73	0.07
28.00	0.00	3,417	191.72	0.07
28.10	0.00	3,390	191.72	0.07
28.20	0.00	3,365	191.71	0.07
28.30	0.00	3,339	191.71	0.07
28.40	0.00	3,314	191.70	0.07
28.50	0.00	3,290	191.70	0.07
28.60	0.00	3,265	191.69	0.07
28.70	0.00	3,241	191.69	0.07
28.80	0.00	3,218	191.68	0.07
28.90	0.00	3,194	191.68	0.06
29.00	0.00	3,171	191.67	0.06
29.10	0.00	3,149	191.67	0.06
29.20	0.00	3,127	191.66	0.06
29.30	0.00	3,105	191.66	0.06
29.40	0.00	3,083	191.66	0.06
29.50	0.00	3,062	191.65	0.06
29.60	0.00	3,041	191.65	0.06
29.70	0.00	3,021	191.64	0.06
29.80	0.00	3,000	191.64	0.06
29.90	0.00	2,981	191.64	0.05
30.00	0.00	2,961	191.63	0.05
30.10	0.00	2,942	191.63	0.05
30.20	0.00	2,923	191.62	0.05
30.30	0.00	2,905	191.62	0.05
30.40	0.00	2,887	191.62	0.05
30.50	0.00	2,869	191.61	0.05
30.60	0.00	2,852	191.61	0.05
30.70	0.00	2,835	191.61	0.05
30.80	0.00	2,818	191.60	0.05
30.90	0.00	2,802	191.60	0.04
31.00	0.00	2,786	191.60	0.04
31.10	0.00	2,770	191.59	0.04

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,755	191.59	0.04
31.30	0.00	2,740	191.59	0.04
31.40	0.00	2,726	191.58	0.04
31.50	0.00	2,712	191.58	0.04
31.60	0.00	2,698	191.58	0.04
31.70	0.00	2,685	191.58	0.04
31.80	0.00	2,672	191.57	0.04
31.90	0.00	2,659	191.57	0.03
32.00	0.00	2,647	191.57	0.03
32.10	0.00	2,635	191.57	0.03
32.20	0.00	2,623	191.56	0.03
32.30	0.00	2,612	191.56	0.03
32.40	0.00	2,601	191.56	0.03
32.50	0.00	2,590	191.56	0.03
32.60	0.00	2,579	191.55	0.03
32.70	0.00	2,569	191.55	0.03
32.80	0.00	2,559	191.55	0.03
32.90	0.00	2,549	191.55	0.03
33.00	0.00	2,539	191.55	0.03
33.10	0.00	2,530	191.54	0.03
33.20	0.00	2,521	191.54	0.02
33.30	0.00	2,512	191.54	0.02
33.40	0.00	2,503	191.54	0.02
33.50	0.00	2,495	191.54	0.02
33.60	0.00	2,487	191.54	0.02
33.70	0.00	2,479	191.53	0.02
33.80	0.00	2,471	191.53	0.02
33.90	0.00	2,463	191.53	0.02
34.00	0.00	2,456	191.53	0.02
34.10	0.00	2,448	191.53	0.02
34.20	0.00	2,441	191.53	0.02
34.30	0.00	2,434	191.52	0.02
34.40	0.00	2,428	191.52	0.02
34.50	0.00	2,421	191.52	0.02
34.60	0.00	2,415	191.52	0.02
34.70	0.00	2,408	191.52	0.02
34.80	0.00	2,402	191.52	0.02
34.90	0.00	2,396	191.52	0.02
35.00	0.00	2,390	191.52	0.02
35.10	0.00	2,384	191.51	0.02
35.20	0.00	2,379	191.51	0.02
35.30	0.00	2,373	191.51	0.02
35.40	0.00	2,368	191.51	0.02
35.50	0.00	2,362	191.51	0.01
35.60	0.00	2,357	191.51	0.01
35.70	0.00	2,352	191.51	0.01
35.80	0.00	2,347	191.51	0.01
35.90	0.00	2,342	191.51	0.01
36.00	0.00	2,337	191.50	0.01
36.10	0.00	2,332	191.50	0.01
36.20	0.00	2,328	191.50	0.01
36.30	0.00	2,323	191.50	0.01

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,319	191.50	0.01
36.50	0.00	2,314	191.50	0.01
36.60	0.00	2,310	191.50	0.01
36.70	0.00	2,306	191.50	0.01
36.80	0.00	2,302	191.50	0.01
36.90	0.00	2,298	191.50	0.01
37.00	0.00	2,294	191.50	0.01
37.10	0.00	2,290	191.49	0.01
37.20	0.00	2,286	191.49	0.01
37.30	0.00	2,282	191.49	0.01
37.40	0.00	2,278	191.49	0.01
37.50	0.00	2,275	191.49	0.01
37.60	0.00	2,271	191.49	0.01
37.70	0.00	2,268	191.49	0.01
37.80	0.00	2,264	191.49	0.01
37.90	0.00	2,261	191.49	0.01
38.00	0.00	2,258	191.49	0.01
38.10	0.00	2,254	191.49	0.01
38.20	0.00	2,251	191.49	0.01
38.30	0.00	2,248	191.49	0.01
38.40	0.00	2,245	191.49	0.01
38.50	0.00	2,242	191.49	0.01
38.60	0.00	2,239	191.48	0.01
38.70	0.00	2,237	191.48	0.01
38.80	0.00	2,234	191.48	0.01
38.90	0.00	2,231	191.48	0.01
39.00	0.00	2,228	191.48	0.01
39.10	0.00	2,226	191.48	0.01
39.20	0.00	2,223	191.48	0.01
39.30	0.00	2,221	191.48	0.01
39.40	0.00	2,218	191.48	0.01
39.50	0.00	2,216	191.48	0.01
39.60	0.00	2,213	191.48	0.01
39.70	0.00	2,211	191.48	0.01
39.80	0.00	2,208	191.48	0.01
39.90	0.00	2,206	191.48	0.01
40.00	0.00	2,204	191.48	0.01

Stage-Discharge for Pond B-34: Basin #34

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	1.59
191.01	0.00	191.53	0.02	192.05	0.12	192.57	1.69
191.02	0.00	191.54	0.02	192.06	0.12	192.58	1.78
191.03	0.00	191.55	0.03	192.07	0.12	192.59	1.88
191.04	0.00	191.56	0.03	192.08	0.12	192.60	1.98
191.05	0.00	191.57	0.03	192.09	0.12	192.61	2.08
191.06	0.00	191.58	0.04	192.10	0.12	192.62	2.18
191.07	0.00	191.59	0.04	192.11	0.13	192.63	2.29
191.08	0.00	191.60	0.05	192.12	0.13	192.64	2.40
191.09	0.00	191.61	0.05	192.13	0.13	192.65	2.50
191.10	0.00	191.62	0.05	192.14	0.13	192.66	2.61
191.11	0.00	191.63	0.05	192.15	0.13	192.67	2.72
191.12	0.00	191.64	0.06	192.16	0.13	192.68	2.84
191.13	0.00	191.65	0.06	192.17	0.13	192.69	2.95
191.14	0.00	191.66	0.06	192.18	0.13	192.70	3.07
191.15	0.00	191.67	0.06	192.19	0.13	192.71	3.18
191.16	0.00	191.68	0.06	192.20	0.13	192.72	3.30
191.17	0.00	191.69	0.07	192.21	0.14	192.73	3.42
191.18	0.00	191.70	0.07	192.22	0.14	192.74	3.54
191.19	0.00	191.71	0.07	192.23	0.14	192.75	3.67
191.20	0.00	191.72	0.07	192.24	0.14	192.76	3.79
191.21	0.00	191.73	0.07	192.25	0.14	192.77	3.92
191.22	0.00	191.74	0.08	192.26	0.14	192.78	4.04
191.23	0.00	191.75	0.08	192.27	0.14	192.79	4.17
191.24	0.00	191.76	0.08	192.28	0.14	192.80	4.30
191.25	0.00	191.77	0.08	192.29	0.14	192.81	4.43
191.26	0.00	191.78	0.08	192.30	0.14	192.82	4.56
191.27	0.00	191.79	0.08	192.31	0.15	192.83	4.70
191.28	0.00	191.80	0.09	192.32	0.15	192.84	4.83
191.29	0.00	191.81	0.09	192.33	0.15	192.85	4.97
191.30	0.00	191.82	0.09	192.34	0.16	192.86	5.10
191.31	0.00	191.83	0.09	192.35	0.19	192.87	5.24
191.32	0.00	191.84	0.09	192.36	0.22	192.88	5.38
191.33	0.00	191.85	0.09	192.37	0.26	192.89	5.52
191.34	0.00	191.86	0.10	192.38	0.30	192.90	5.66
191.35	0.00	191.87	0.10	192.39	0.34	192.91	5.80
191.36	0.00	191.88	0.10	192.40	0.40	192.92	5.95
191.37	0.00	191.89	0.10	192.41	0.45	192.93	6.09
191.38	0.00	191.90	0.10	192.42	0.51	192.94	6.24
191.39	0.00	191.91	0.10	192.43	0.57	192.95	6.38
191.40	0.00	191.92	0.10	192.44	0.63	192.96	6.53
191.41	0.00	191.93	0.10	192.45	0.70	192.97	6.68
191.42	0.00	191.94	0.11	192.46	0.77	192.98	6.83
191.43	0.00	191.95	0.11	192.47	0.84	192.99	6.98
191.44	0.00	191.96	0.11	192.48	0.91	193.00	7.13
191.45	0.00	191.97	0.11	192.49	0.99	193.01	7.29
191.46	0.00	191.98	0.11	192.50	1.07	193.02	7.44
191.47	0.00	191.99	0.11	192.51	1.15	193.03	7.59
191.48	0.01	192.00	0.11	192.52	1.24	193.04	7.75
191.49	0.01	192.01	0.11	192.53	1.32	193.05	7.91
191.50	0.01	192.02	0.12	192.54	1.41	193.06	8.06
191.51	0.01	192.03	0.12	192.55	1.50	193.07	8.22

Stage-Discharge for Pond B-34: Basin #34 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	8.38	193.60	13.35	194.12	14.48	194.64	46.44
193.09	8.54	193.61	13.37	194.13	14.50	194.65	47.78
193.10	8.70	193.62	13.40	194.14	14.52	194.66	49.16
193.11	8.87	193.63	13.42	194.15	14.54	194.67	50.57
193.12	9.03	193.64	13.44	194.16	14.56	194.68	52.01
193.13	9.19	193.65	13.46	194.17	14.58	194.69	53.47
193.14	9.36	193.66	13.49	194.18	14.60	194.70	54.96
193.15	9.52	193.67	13.51	194.19	14.62	194.71	56.48
193.16	9.69	193.68	13.53	194.20	14.64	194.72	58.02
193.17	9.86	193.69	13.55	194.21	14.67	194.73	59.59
193.18	10.03	193.70	13.57	194.22	14.69	194.74	61.18
193.19	10.19	193.71	13.60	194.23	14.71	194.75	62.80
193.20	10.36	193.72	13.62	194.24	14.73	194.76	64.45
193.21	10.54	193.73	13.64	194.25	14.75	194.77	66.12
193.22	10.71	193.74	13.66	194.26	14.89	194.78	67.83
193.23	10.88	193.75	13.69	194.27	15.12	194.79	69.55
193.24	11.05	193.76	13.71	194.28	15.42	194.80	71.31
193.25	11.23	193.77	13.73	194.29	15.77	194.81	73.09
193.26	11.40	193.78	13.75	194.30	16.16	194.82	74.89
193.27	11.58	193.79	13.77	194.31	16.59	194.83	76.73
193.28	11.75	193.80	13.80	194.32	17.06	194.84	78.59
193.29	11.93	193.81	13.82	194.33	17.57	194.85	80.48
193.30	12.11	193.82	13.84	194.34	18.10	194.86	82.12
193.31	12.29	193.83	13.86	194.35	18.67	194.87	83.78
193.32	12.47	193.84	13.88	194.36	19.26	194.88	85.46
193.33	12.65	193.85	13.90	194.37	19.88	194.89	87.14
193.34	12.75	193.86	13.93	194.38	20.53	194.90	88.84
193.35	12.77	193.87	13.95	194.39	21.20	194.91	90.56
193.36	12.80	193.88	13.97	194.40	21.90	194.92	92.28
193.37	12.82	193.89	13.99	194.41	22.62	194.93	94.02
193.38	12.84	193.90	14.01	194.42	23.36	194.94	95.77
193.39	12.87	193.91	14.03	194.43	24.12	194.95	97.54
193.40	12.89	193.92	14.06	194.44	24.91	194.96	99.31
193.41	12.91	193.93	14.08	194.45	25.72	194.97	101.10
193.42	12.94	193.94	14.10	194.46	26.58	194.98	102.91
193.43	12.96	193.95	14.12	194.47	27.48	194.99	104.72
193.44	12.98	193.96	14.14	194.48	28.39	195.00	106.55
193.45	13.01	193.97	14.16	194.49	29.34		
193.46	13.03	193.98	14.18	194.50	30.30		
193.47	13.05	193.99	14.21	194.51	31.30		
193.48	13.08	194.00	14.23	194.52	32.32		
193.49	13.10	194.01	14.25	194.53	33.36		
193.50	13.12	194.02	14.27	194.54	34.43		
193.51	13.14	194.03	14.29	194.55	35.52		
193.52	13.17	194.04	14.31	194.56	36.64		
193.53	13.19	194.05	14.33	194.57	37.78		
193.54	13.21	194.06	14.35	194.58	38.94		
193.55	13.24	194.07	14.37	194.59	40.13		
193.56	13.26	194.08	14.40	194.60	41.34		
193.57	13.28	194.09	14.42	194.61	42.58		
193.58	13.30	194.10	14.44	194.62	43.84		
193.59	13.33	194.11	14.46	194.63	45.13		

Stage-Area-Storage for Pond B-34: Basin #34

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	4,390	0	191.52	4,886	2,412
191.01	4,400	44	191.53	4,895	2,461
191.02	4,409	88	191.54	4,905	2,510
191.03	4,419	132	191.55	4,914	2,559
191.04	4,428	176	191.56	4,924	2,608
191.05	4,438	221	191.57	4,933	2,657
191.06	4,447	265	191.58	4,943	2,706
191.07	4,457	310	191.59	4,952	2,756
191.08	4,466	354	191.60	4,962	2,806
191.09	4,476	399	191.61	4,971	2,855
191.10	4,485	444	191.62	4,981	2,905
191.11	4,495	489	191.63	4,990	2,955
191.12	4,504	534	191.64	5,000	3,005
191.13	4,514	579	191.65	5,009	3,055
191.14	4,523	624	191.66	5,019	3,105
191.15	4,533	669	191.67	5,029	3,155
191.16	4,542	715	191.68	5,038	3,206
191.17	4,552	760	191.69	5,048	3,256
191.18	4,562	806	191.70	5,057	3,306
191.19	4,571	851	191.71	5,067	3,357
191.20	4,581	897	191.72	5,076	3,408
191.21	4,590	943	191.73	5,086	3,459
191.22	4,600	989	191.74	5,095	3,510
191.23	4,609	1,035	191.75	5,105	3,561
191.24	4,619	1,081	191.76	5,114	3,612
191.25	4,628	1,127	191.77	5,124	3,663
191.26	4,638	1,174	191.78	5,133	3,714
191.27	4,647	1,220	191.79	5,143	3,765
191.28	4,657	1,267	191.80	5,152	3,817
191.29	4,666	1,313	191.81	5,162	3,869
191.30	4,676	1,360	191.82	5,171	3,920
191.31	4,685	1,407	191.83	5,181	3,972
191.32	4,695	1,454	191.84	5,191	4,024
191.33	4,704	1,501	191.85	5,200	4,076
191.34	4,714	1,548	191.86	5,210	4,128
191.35	4,724	1,595	191.87	5,219	4,180
191.36	4,733	1,642	191.88	5,229	4,232
191.37	4,743	1,690	191.89	5,238	4,285
191.38	4,752	1,737	191.90	5,248	4,337
191.39	4,762	1,785	191.91	5,257	4,389
191.40	4,771	1,832	191.92	5,267	4,442
191.41	4,781	1,880	191.93	5,276	4,495
191.42	4,790	1,928	191.94	5,286	4,548
191.43	4,800	1,976	191.95	5,295	4,601
191.44	4,809	2,024	191.96	5,305	4,654
191.45	4,819	2,072	191.97	5,314	4,707
191.46	4,828	2,120	191.98	5,324	4,760
191.47	4,838	2,169	191.99	5,333	4,813
191.48	4,847	2,217	192.00	5,343	4,867
191.49	4,857	2,266	192.01	5,353	4,920
191.50	4,867	2,314	192.02	5,363	4,974
191.51	4,876	2,363	192.03	5,373	5,027

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,383	5,081	192.56	5,909	8,017
192.05	5,394	5,135	192.57	5,919	8,076
192.06	5,404	5,189	192.58	5,929	8,135
192.07	5,414	5,243	192.59	5,939	8,195
192.08	5,424	5,297	192.60	5,949	8,254
192.09	5,434	5,351	192.61	5,959	8,314
192.10	5,444	5,406	192.62	5,969	8,373
192.11	5,454	5,460	192.63	5,979	8,433
192.12	5,464	5,515	192.64	5,989	8,493
192.13	5,474	5,570	192.65	6,000	8,553
192.14	5,484	5,624	192.66	6,010	8,613
192.15	5,495	5,679	192.67	6,020	8,673
192.16	5,505	5,734	192.68	6,030	8,733
192.17	5,515	5,789	192.69	6,040	8,794
192.18	5,525	5,845	192.70	6,050	8,854
192.19	5,535	5,900	192.71	6,060	8,915
192.20	5,545	5,955	192.72	6,070	8,975
192.21	5,555	6,011	192.73	6,080	9,036
192.22	5,565	6,066	192.74	6,090	9,097
192.23	5,575	6,122	192.75	6,101	9,158
192.24	5,585	6,178	192.76	6,111	9,219
192.25	5,596	6,234	192.77	6,121	9,280
192.26	5,606	6,290	192.78	6,131	9,341
192.27	5,616	6,346	192.79	6,141	9,403
192.28	5,626	6,402	192.80	6,151	9,464
192.29	5,636	6,458	192.81	6,161	9,526
192.30	5,646	6,515	192.82	6,171	9,587
192.31	5,656	6,571	192.83	6,181	9,649
192.32	5,666	6,628	192.84	6,191	9,711
192.33	5,676	6,685	192.85	6,201	9,773
192.34	5,686	6,741	192.86	6,212	9,835
192.35	5,696	6,798	192.87	6,222	9,897
192.36	5,707	6,855	192.88	6,232	9,959
192.37	5,717	6,913	192.89	6,242	10,022
192.38	5,727	6,970	192.90	6,252	10,084
192.39	5,737	7,027	192.91	6,262	10,147
192.40	5,747	7,085	192.92	6,272	10,209
192.41	5,757	7,142	192.93	6,282	10,272
192.42	5,767	7,200	192.94	6,292	10,335
192.43	5,777	7,257	192.95	6,302	10,398
192.44	5,787	7,315	192.96	6,313	10,461
192.45	5,797	7,373	192.97	6,323	10,524
192.46	5,808	7,431	192.98	6,333	10,588
192.47	5,818	7,489	192.99	6,343	10,651
192.48	5,828	7,547	193.00	6,353	10,715
192.49	5,838	7,606	193.01	6,364	10,778
192.50	5,848	7,664	193.02	6,374	10,842
192.51	5,858	7,723	193.03	6,385	10,906
192.52	5,868	7,781	193.04	6,396	10,969
192.53	5,878	7,840	193.05	6,406	11,033
192.54	5,888	7,899	193.06	6,417	11,098
192.55	5,899	7,958	193.07	6,428	11,162

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,438	11,226	193.60	6,993	14,718
193.09	6,449	11,291	193.61	7,003	14,788
193.10	6,460	11,355	193.62	7,014	14,858
193.11	6,470	11,420	193.63	7,025	14,928
193.12	6,481	11,485	193.64	7,035	14,999
193.13	6,492	11,549	193.65	7,046	15,069
193.14	6,502	11,614	193.66	7,057	15,140
193.15	6,513	11,679	193.67	7,067	15,210
193.16	6,524	11,745	193.68	7,078	15,281
193.17	6,534	11,810	193.69	7,089	15,352
193.18	6,545	11,875	193.70	7,099	15,423
193.19	6,556	11,941	193.71	7,110	15,494
193.20	6,566	12,006	193.72	7,121	15,565
193.21	6,577	12,072	193.73	7,131	15,636
193.22	6,588	12,138	193.74	7,142	15,708
193.23	6,598	12,204	193.75	7,153	15,779
193.24	6,609	12,270	193.76	7,163	15,851
193.25	6,620	12,336	193.77	7,174	15,922
193.26	6,630	12,402	193.78	7,184	15,994
193.27	6,641	12,469	193.79	7,195	16,066
193.28	6,651	12,535	193.80	7,206	16,138
193.29	6,662	12,602	193.81	7,216	16,210
193.30	6,673	12,668	193.82	7,227	16,282
193.31	6,683	12,735	193.83	7,238	16,355
193.32	6,694	12,802	193.84	7,248	16,427
193.33	6,705	12,869	193.85	7,259	16,500
193.34	6,715	12,936	193.86	7,270	16,572
193.35	6,726	13,003	193.87	7,280	16,645
193.36	6,737	13,071	193.88	7,291	16,718
193.37	6,747	13,138	193.89	7,302	16,791
193.38	6,758	13,206	193.90	7,312	16,864
193.39	6,769	13,273	193.91	7,323	16,937
193.40	6,779	13,341	193.92	7,334	17,010
193.41	6,790	13,409	193.93	7,344	17,084
193.42	6,801	13,477	193.94	7,355	17,157
193.43	6,811	13,545	193.95	7,366	17,231
193.44	6,822	13,613	193.96	7,376	17,305
193.45	6,833	13,681	193.97	7,387	17,378
193.46	6,843	13,750	193.98	7,398	17,452
193.47	6,854	13,818	193.99	7,408	17,526
193.48	6,865	13,887	194.00	7,419	17,601
193.49	6,875	13,955	194.01	7,437	17,675
193.50	6,886	14,024	194.02	7,455	17,749
193.51	6,897	14,093	194.03	7,473	17,824
193.52	6,907	14,162	194.04	7,490	17,899
193.53	6,918	14,231	194.05	7,508	17,974
193.54	6,929	14,301	194.06	7,526	18,049
193.55	6,939	14,370	194.07	7,544	18,124
193.56	6,950	14,439	194.08	7,562	18,200
193.57	6,961	14,509	194.09	7,580	18,275
193.58	6,971	14,579	194.10	7,598	18,351
193.59	6,982	14,648	194.11	7,615	18,427

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	7,633	18,504	194.64	8,562	22,714
194.13	7,651	18,580	194.65	8,580	22,800
194.14	7,669	18,657	194.66	8,598	22,886
194.15	7,687	18,733	194.67	8,616	22,972
194.16	7,705	18,810	194.68	8,633	23,058
194.17	7,723	18,888	194.69	8,651	23,145
194.18	7,740	18,965	194.70	8,669	23,231
194.19	7,758	19,042	194.71	8,687	23,318
194.20	7,776	19,120	194.72	8,705	23,405
194.21	7,794	19,198	194.73	8,723	23,492
194.22	7,812	19,276	194.74	8,741	23,580
194.23	7,830	19,354	194.75	8,759	23,667
194.24	7,848	19,432	194.76	8,776	23,755
194.25	7,866	19,511	194.77	8,794	23,843
194.26	7,883	19,590	194.78	8,812	23,931
194.27	7,901	19,669	194.79	8,830	24,019
194.28	7,919	19,748	194.80	8,848	24,107
194.29	7,937	19,827	194.81	8,866	24,196
194.30	7,955	19,907	194.82	8,884	24,285
194.31	7,973	19,986	194.83	8,901	24,373
194.32	7,991	20,066	194.84	8,919	24,463
194.33	8,008	20,146	194.85	8,937	24,552
194.34	8,026	20,226	194.86	8,955	24,641
194.35	8,044	20,307	194.87	8,973	24,731
194.36	8,062	20,387	194.88	8,991	24,821
194.37	8,080	20,468	194.89	9,009	24,911
194.38	8,098	20,549	194.90	9,026	25,001
194.39	8,116	20,630	194.91	9,044	25,091
194.40	8,133	20,711	194.92	9,062	25,182
194.41	8,151	20,792	194.93	9,080	25,273
194.42	8,169	20,874	194.94	9,098	25,363
194.43	8,187	20,956	194.95	9,116	25,454
194.44	8,205	21,038	194.96	9,134	25,546
194.45	8,223	21,120	194.97	9,151	25,637
194.46	8,241	21,202	194.98	9,169	25,729
194.47	8,258	21,285	194.99	9,187	25,821
194.48	8,276	21,367	195.00	9,205	25,913
194.49	8,294	21,450			
194.50	8,312	21,533			
194.51	8,330	21,616			
194.52	8,348	21,700			
194.53	8,366	21,783			
194.54	8,383	21,867			
194.55	8,401	21,951			
194.56	8,419	22,035			
194.57	8,437	22,119			
194.58	8,455	22,204			
194.59	8,473	22,289			
194.60	8,491	22,373			
194.61	8,508	22,458			
194.62	8,526	22,544			
194.63	8,544	22,629			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 2.46" for Current 2 yr event
 Inflow = 4.75 cfs @ 12.17 hrs, Volume= 0.401 af
 Outflow = 0.43 cfs @ 13.26 hrs, Volume= 0.282 af, Atten= 91%, Lag= 65.1 min
 Primary = 0.43 cfs @ 13.26 hrs, Volume= 0.282 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.75' @ 13.26 hrs Surf.Area= 5,435 sf Storage= 10,982 cf

Plug-Flow detention time= 358.4 min calculated for 0.282 af (70% of inflow)
 Center-of-Mass det. time= 259.2 min (1,035.8 - 776.6)

Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	26,166 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	2,647	0	0
191.00	3,593	3,120	3,120
192.00	4,618	4,106	7,226
193.00	5,711	5,165	12,390
194.00	6,871	6,291	18,681
195.00	8,099	7,485	26,166

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.51'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

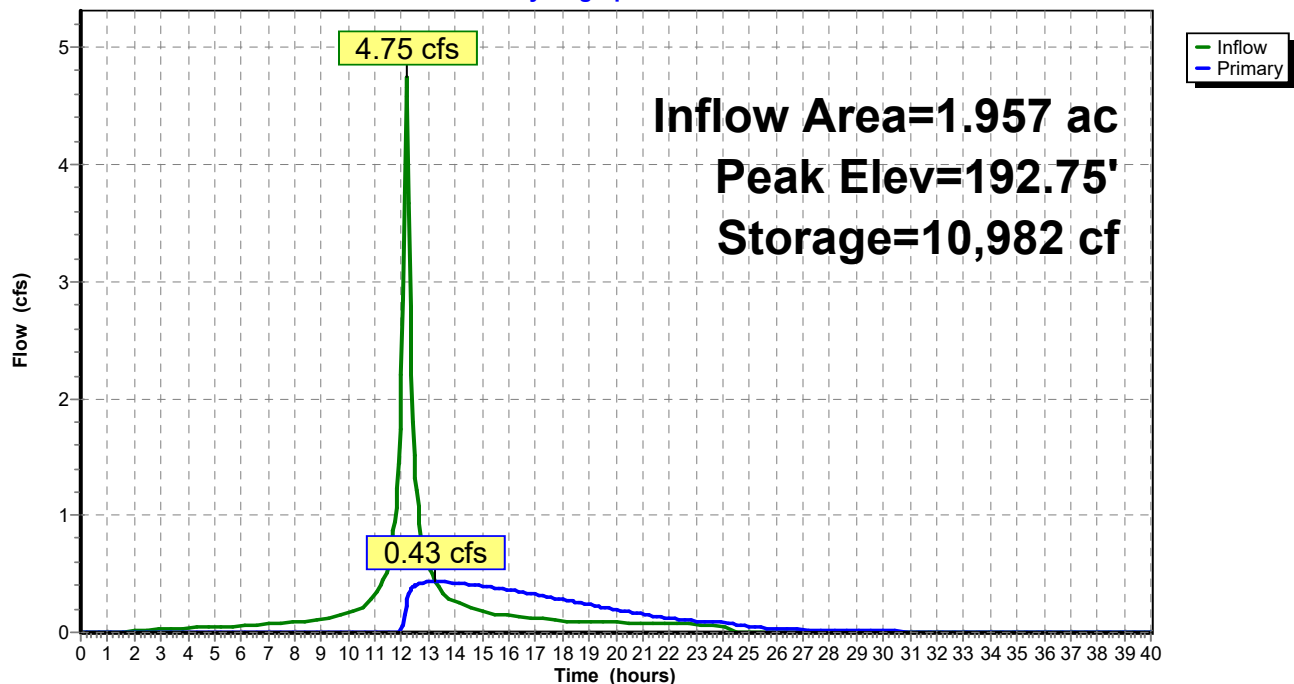
Primary OutFlow Max=0.43 cfs @ 13.26 hrs HW=192.75' (Free Discharge)

- 1=Culvert (Passes 0.43 cfs of 10.76 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.43 cfs @ 4.98 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-35: Basin #35

Hydrograph



Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.00	0	190.00	0.00
0.50	0.00	0	190.00	0.00
0.60	0.00	0	190.00	0.00
0.70	0.00	0	190.00	0.00
0.80	0.00	0	190.00	0.00
0.90	0.00	0	190.00	0.00
1.00	0.00	0	190.00	0.00
1.10	0.00	0	190.00	0.00
1.20	0.00	0	190.00	0.00
1.30	0.00	0	190.00	0.00
1.40	0.00	1	190.00	0.00
1.50	0.00	2	190.00	0.00
1.60	0.01	4	190.00	0.00
1.70	0.01	6	190.00	0.00
1.80	0.01	9	190.00	0.00
1.90	0.01	13	190.00	0.00
2.00	0.01	17	190.01	0.00
2.10	0.01	22	190.01	0.00
2.20	0.02	27	190.01	0.00
2.30	0.02	33	190.01	0.00
2.40	0.02	39	190.01	0.00
2.50	0.02	46	190.02	0.00
2.60	0.02	53	190.02	0.00
2.70	0.02	60	190.02	0.00
2.80	0.02	69	190.03	0.00
2.90	0.02	77	190.03	0.00
3.00	0.03	86	190.03	0.00
3.10	0.03	96	190.04	0.00
3.20	0.03	106	190.04	0.00
3.30	0.03	116	190.04	0.00
3.40	0.03	127	190.05	0.00
3.50	0.03	138	190.05	0.00
3.60	0.03	149	190.06	0.00
3.70	0.03	161	190.06	0.00
3.80	0.03	173	190.06	0.00
3.90	0.04	186	190.07	0.00
4.00	0.04	199	190.07	0.00
4.10	0.04	213	190.08	0.00
4.20	0.04	226	190.08	0.00
4.30	0.04	240	190.09	0.00
4.40	0.04	255	190.09	0.00
4.50	0.04	270	190.10	0.00
4.60	0.04	285	190.11	0.00
4.70	0.04	300	190.11	0.00
4.80	0.04	316	190.12	0.00
4.90	0.05	332	190.12	0.00
5.00	0.05	348	190.13	0.00
5.10	0.05	365	190.13	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	382	190.14	0.00
5.30	0.05	399	190.15	0.00
5.40	0.05	417	190.15	0.00
5.50	0.05	435	190.16	0.00
5.60	0.05	453	190.17	0.00
5.70	0.05	471	190.17	0.00
5.80	0.05	490	190.18	0.00
5.90	0.05	509	190.19	0.00
6.00	0.05	528	190.19	0.00
6.10	0.05	548	190.20	0.00
6.20	0.06	568	190.21	0.00
6.30	0.06	589	190.21	0.00
6.40	0.06	610	190.22	0.00
6.50	0.06	632	190.23	0.00
6.60	0.06	654	190.24	0.00
6.70	0.07	678	190.25	0.00
6.80	0.07	702	190.25	0.00
6.90	0.07	726	190.26	0.00
7.00	0.07	751	190.27	0.00
7.10	0.07	777	190.28	0.00
7.20	0.07	804	190.29	0.00
7.30	0.08	831	190.30	0.00
7.40	0.08	859	190.31	0.00
7.50	0.08	888	190.32	0.00
7.60	0.08	917	190.33	0.00
7.70	0.08	947	190.34	0.00
7.80	0.09	978	190.35	0.00
7.90	0.09	1,009	190.36	0.00
8.00	0.09	1,042	190.37	0.00
8.10	0.09	1,074	190.38	0.00
8.20	0.09	1,108	190.39	0.00
8.30	0.10	1,142	190.40	0.00
8.40	0.10	1,177	190.41	0.00
8.50	0.10	1,212	190.43	0.00
8.60	0.10	1,249	190.44	0.00
8.70	0.10	1,286	190.45	0.00
8.80	0.11	1,323	190.46	0.00
8.90	0.11	1,362	190.47	0.00
9.00	0.11	1,401	190.49	0.00
9.10	0.11	1,441	190.50	0.00
9.20	0.12	1,482	190.51	0.00
9.30	0.12	1,525	190.53	0.00
9.40	0.13	1,571	190.54	0.00
9.50	0.14	1,619	190.56	0.00
9.60	0.14	1,670	190.57	0.00
9.70	0.15	1,723	190.59	0.00
9.80	0.16	1,778	190.61	0.00
9.90	0.16	1,835	190.62	0.00
10.00	0.17	1,895	190.64	0.00
10.10	0.18	1,957	190.66	0.00
10.20	0.18	2,022	190.68	0.00
10.30	0.19	2,089	190.70	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.20	2,158	190.72	0.00
10.50	0.20	2,230	190.74	0.00
10.60	0.21	2,305	190.77	0.00
10.70	0.23	2,386	190.79	0.00
10.80	0.26	2,475	190.82	0.00
10.90	0.29	2,573	190.84	0.00
11.00	0.31	2,681	190.88	0.00
11.10	0.35	2,799	190.91	0.00
11.20	0.39	2,932	190.95	0.00
11.30	0.44	3,082	190.99	0.00
11.40	0.50	3,251	191.04	0.00
11.50	0.55	3,439	191.09	0.00
11.60	0.66	3,652	191.15	0.00
11.70	0.88	3,931	191.22	0.00
11.80	1.06	4,277	191.31	0.00
11.90	1.44	4,723	191.42	0.00
12.00	2.20	5,363	191.58	0.01
12.10	3.77	6,387	191.81	0.16
12.20	4.59	7,897	192.14	0.29
12.30	2.79	9,105	192.39	0.35
12.40	1.80	9,780	192.52	0.39
12.50	1.32	10,191	192.60	0.40
12.60	1.07	10,476	192.65	0.42
12.70	0.81	10,661	192.69	0.42
12.80	0.70	10,779	192.71	0.43
12.90	0.63	10,864	192.73	0.43
13.00	0.57	10,925	192.74	0.43
13.10	0.51	10,963	192.74	0.43
13.20	0.46	10,980	192.75	0.43
13.30	0.42	10,981	192.75	0.43
13.40	0.39	10,969	192.75	0.43
13.50	0.35	10,946	192.74	0.43
13.60	0.32	10,912	192.73	0.43
13.70	0.29	10,867	192.73	0.43
13.80	0.28	10,816	192.72	0.43
13.90	0.27	10,761	192.71	0.43
14.00	0.26	10,704	192.70	0.42
14.10	0.25	10,645	192.68	0.42
14.20	0.25	10,584	192.67	0.42
14.30	0.24	10,520	192.66	0.42
14.40	0.23	10,455	192.65	0.41
14.50	0.22	10,387	192.64	0.41
14.60	0.21	10,317	192.62	0.41
14.70	0.20	10,246	192.61	0.41
14.80	0.20	10,172	192.60	0.40
14.90	0.19	10,097	192.58	0.40
15.00	0.18	10,019	192.57	0.40
15.10	0.17	9,940	192.55	0.39
15.20	0.16	9,859	192.54	0.39
15.30	0.16	9,777	192.52	0.39
15.40	0.16	9,696	192.50	0.38
15.50	0.15	9,615	192.49	0.38

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	9,535	192.47	0.38
15.70	0.15	9,455	192.46	0.37
15.80	0.15	9,375	192.44	0.37
15.90	0.15	9,296	192.43	0.36
16.00	0.14	9,218	192.41	0.36
16.10	0.14	9,140	192.40	0.36
16.20	0.14	9,063	192.38	0.35
16.30	0.14	8,987	192.37	0.35
16.40	0.13	8,911	192.35	0.34
16.50	0.13	8,835	192.34	0.34
16.60	0.13	8,761	192.32	0.34
16.70	0.13	8,686	192.31	0.33
16.80	0.13	8,613	192.29	0.33
16.90	0.12	8,540	192.28	0.33
17.00	0.12	8,467	192.26	0.32
17.10	0.12	8,396	192.25	0.32
17.20	0.12	8,325	192.23	0.31
17.30	0.11	8,254	192.22	0.31
17.40	0.11	8,185	192.20	0.30
17.50	0.11	8,115	192.19	0.30
17.60	0.11	8,047	192.17	0.30
17.70	0.11	7,979	192.16	0.29
17.80	0.10	7,912	192.15	0.29
17.90	0.10	7,846	192.13	0.28
18.00	0.10	7,781	192.12	0.28
18.10	0.10	7,716	192.10	0.27
18.20	0.09	7,652	192.09	0.27
18.30	0.09	7,589	192.08	0.27
18.40	0.09	7,528	192.06	0.26
18.50	0.09	7,467	192.05	0.26
18.60	0.09	7,408	192.04	0.25
18.70	0.09	7,351	192.03	0.25
18.80	0.09	7,295	192.01	0.24
18.90	0.09	7,240	192.00	0.24
19.00	0.09	7,187	191.99	0.24
19.10	0.09	7,135	191.98	0.23
19.20	0.09	7,084	191.97	0.23
19.30	0.09	7,035	191.96	0.22
19.40	0.09	6,986	191.95	0.22
19.50	0.09	6,940	191.94	0.21
19.60	0.09	6,894	191.93	0.21
19.70	0.09	6,850	191.92	0.21
19.80	0.08	6,807	191.91	0.20
19.90	0.08	6,766	191.90	0.20
20.00	0.08	6,725	191.89	0.19
20.10	0.08	6,686	191.88	0.19
20.20	0.08	6,648	191.87	0.19
20.30	0.08	6,612	191.86	0.18
20.40	0.08	6,576	191.86	0.18
20.50	0.08	6,542	191.85	0.17
20.60	0.08	6,508	191.84	0.17
20.70	0.08	6,477	191.83	0.17

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	6,446	191.83	0.16
20.90	0.08	6,416	191.82	0.16
21.00	0.08	6,388	191.81	0.16
21.10	0.08	6,360	191.81	0.15
21.20	0.08	6,334	191.80	0.15
21.30	0.08	6,308	191.80	0.15
21.40	0.08	6,284	191.79	0.14
21.50	0.08	6,261	191.79	0.14
21.60	0.07	6,239	191.78	0.13
21.70	0.07	6,218	191.78	0.13
21.80	0.07	6,198	191.77	0.13
21.90	0.07	6,179	191.77	0.12
22.00	0.07	6,161	191.76	0.12
22.10	0.07	6,143	191.76	0.12
22.20	0.07	6,127	191.76	0.12
22.30	0.07	6,111	191.75	0.11
22.40	0.07	6,096	191.75	0.11
22.50	0.07	6,081	191.74	0.11
22.60	0.07	6,067	191.74	0.11
22.70	0.07	6,054	191.74	0.10
22.80	0.07	6,042	191.74	0.10
22.90	0.07	6,030	191.73	0.10
23.00	0.07	6,018	191.73	0.10
23.10	0.07	6,007	191.73	0.10
23.20	0.07	5,996	191.73	0.09
23.30	0.06	5,986	191.72	0.09
23.40	0.06	5,976	191.72	0.09
23.50	0.06	5,966	191.72	0.09
23.60	0.06	5,957	191.72	0.09
23.70	0.06	5,948	191.71	0.09
23.80	0.06	5,940	191.71	0.09
23.90	0.06	5,932	191.71	0.08
24.00	0.06	5,924	191.71	0.08
24.10	0.05	5,917	191.71	0.08
24.20	0.02	5,901	191.70	0.08
24.30	0.00	5,876	191.70	0.07
24.40	0.00	5,850	191.69	0.07
24.50	0.00	5,826	191.69	0.07
24.60	0.00	5,802	191.68	0.06
24.70	0.00	5,780	191.68	0.06
24.80	0.00	5,759	191.67	0.06
24.90	0.00	5,739	191.67	0.05
25.00	0.00	5,720	191.66	0.05
25.10	0.00	5,702	191.66	0.05
25.20	0.00	5,684	191.65	0.05
25.30	0.00	5,668	191.65	0.04
25.40	0.00	5,653	191.65	0.04
25.50	0.00	5,638	191.64	0.04
25.60	0.00	5,624	191.64	0.04
25.70	0.00	5,610	191.64	0.04
25.80	0.00	5,597	191.63	0.04
25.90	0.00	5,585	191.63	0.03

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,573	191.63	0.03
26.10	0.00	5,561	191.62	0.03
26.20	0.00	5,550	191.62	0.03
26.30	0.00	5,540	191.62	0.03
26.40	0.00	5,529	191.62	0.03
26.50	0.00	5,520	191.61	0.03
26.60	0.00	5,510	191.61	0.03
26.70	0.00	5,501	191.61	0.02
26.80	0.00	5,493	191.61	0.02
26.90	0.00	5,485	191.61	0.02
27.00	0.00	5,477	191.60	0.02
27.10	0.00	5,469	191.60	0.02
27.20	0.00	5,462	191.60	0.02
27.30	0.00	5,455	191.60	0.02
27.40	0.00	5,448	191.60	0.02
27.50	0.00	5,442	191.60	0.02
27.60	0.00	5,435	191.59	0.02
27.70	0.00	5,429	191.59	0.02
27.80	0.00	5,423	191.59	0.02
27.90	0.00	5,417	191.59	0.02
28.00	0.00	5,411	191.59	0.02
28.10	0.00	5,406	191.59	0.02
28.20	0.00	5,400	191.59	0.02
28.30	0.00	5,395	191.58	0.01
28.40	0.00	5,390	191.58	0.01
28.50	0.00	5,385	191.58	0.01
28.60	0.00	5,380	191.58	0.01
28.70	0.00	5,375	191.58	0.01
28.80	0.00	5,370	191.58	0.01
28.90	0.00	5,366	191.58	0.01
29.00	0.00	5,361	191.58	0.01
29.10	0.00	5,357	191.58	0.01
29.20	0.00	5,353	191.57	0.01
29.30	0.00	5,349	191.57	0.01
29.40	0.00	5,345	191.57	0.01
29.50	0.00	5,341	191.57	0.01
29.60	0.00	5,337	191.57	0.01
29.70	0.00	5,333	191.57	0.01
29.80	0.00	5,330	191.57	0.01
29.90	0.00	5,326	191.57	0.01
30.00	0.00	5,323	191.57	0.01
30.10	0.00	5,320	191.57	0.01
30.20	0.00	5,316	191.57	0.01
30.30	0.00	5,313	191.56	0.01
30.40	0.00	5,310	191.56	0.01
30.50	0.00	5,307	191.56	0.01
30.60	0.00	5,304	191.56	0.01
30.70	0.00	5,302	191.56	0.01
30.80	0.00	5,299	191.56	0.01
30.90	0.00	5,296	191.56	0.01
31.00	0.00	5,293	191.56	0.01
31.10	0.00	5,291	191.56	0.01

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,288	191.56	0.01
31.30	0.00	5,286	191.56	0.01
31.40	0.00	5,284	191.56	0.01
31.50	0.00	5,281	191.56	0.01
31.60	0.00	5,279	191.56	0.01
31.70	0.00	5,277	191.56	0.01
31.80	0.00	5,275	191.56	0.01
31.90	0.00	5,273	191.56	0.01
32.00	0.00	5,271	191.55	0.01
32.10	0.00	5,269	191.55	0.01
32.20	0.00	5,267	191.55	0.01
32.30	0.00	5,265	191.55	0.01
32.40	0.00	5,263	191.55	0.00
32.50	0.00	5,262	191.55	0.00
32.60	0.00	5,260	191.55	0.00
32.70	0.00	5,258	191.55	0.00
32.80	0.00	5,257	191.55	0.00
32.90	0.00	5,255	191.55	0.00
33.00	0.00	5,254	191.55	0.00
33.10	0.00	5,252	191.55	0.00
33.20	0.00	5,251	191.55	0.00
33.30	0.00	5,249	191.55	0.00
33.40	0.00	5,248	191.55	0.00
33.50	0.00	5,246	191.55	0.00
33.60	0.00	5,245	191.55	0.00
33.70	0.00	5,243	191.55	0.00
33.80	0.00	5,242	191.55	0.00
33.90	0.00	5,241	191.55	0.00
34.00	0.00	5,239	191.55	0.00
34.10	0.00	5,238	191.55	0.00
34.20	0.00	5,237	191.55	0.00
34.30	0.00	5,235	191.55	0.00
34.40	0.00	5,234	191.55	0.00
34.50	0.00	5,233	191.55	0.00
34.60	0.00	5,231	191.55	0.00
34.70	0.00	5,230	191.54	0.00
34.80	0.00	5,229	191.54	0.00
34.90	0.00	5,228	191.54	0.00
35.00	0.00	5,226	191.54	0.00
35.10	0.00	5,225	191.54	0.00
35.20	0.00	5,224	191.54	0.00
35.30	0.00	5,223	191.54	0.00
35.40	0.00	5,222	191.54	0.00
35.50	0.00	5,220	191.54	0.00
35.60	0.00	5,219	191.54	0.00
35.70	0.00	5,218	191.54	0.00
35.80	0.00	5,217	191.54	0.00
35.90	0.00	5,216	191.54	0.00
36.00	0.00	5,215	191.54	0.00
36.10	0.00	5,213	191.54	0.00
36.20	0.00	5,212	191.54	0.00
36.30	0.00	5,211	191.54	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,210	191.54	0.00
36.50	0.00	5,209	191.54	0.00
36.60	0.00	5,208	191.54	0.00
36.70	0.00	5,207	191.54	0.00
36.80	0.00	5,206	191.54	0.00
36.90	0.00	5,205	191.54	0.00
37.00	0.00	5,204	191.54	0.00
37.10	0.00	5,203	191.54	0.00
37.20	0.00	5,202	191.54	0.00
37.30	0.00	5,201	191.54	0.00
37.40	0.00	5,200	191.54	0.00
37.50	0.00	5,199	191.54	0.00
37.60	0.00	5,198	191.54	0.00
37.70	0.00	5,197	191.54	0.00
37.80	0.00	5,196	191.54	0.00
37.90	0.00	5,195	191.54	0.00
38.00	0.00	5,194	191.54	0.00
38.10	0.00	5,193	191.54	0.00
38.20	0.00	5,192	191.54	0.00
38.30	0.00	5,191	191.54	0.00
38.40	0.00	5,190	191.54	0.00
38.50	0.00	5,189	191.54	0.00
38.60	0.00	5,188	191.53	0.00
38.70	0.00	5,187	191.53	0.00
38.80	0.00	5,186	191.53	0.00
38.90	0.00	5,186	191.53	0.00
39.00	0.00	5,185	191.53	0.00
39.10	0.00	5,184	191.53	0.00
39.20	0.00	5,183	191.53	0.00
39.30	0.00	5,182	191.53	0.00
39.40	0.00	5,181	191.53	0.00
39.50	0.00	5,180	191.53	0.00
39.60	0.00	5,180	191.53	0.00
39.70	0.00	5,179	191.53	0.00
39.80	0.00	5,178	191.53	0.00
39.90	0.00	5,177	191.53	0.00
40.00	0.00	5,176	191.53	0.00

Stage-Discharge for Pond B-35: Basin #35

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.00	0.00	190.52	0.00	191.04	0.00	191.56	0.01
190.01	0.00	190.53	0.00	191.05	0.00	191.57	0.01
190.02	0.00	190.54	0.00	191.06	0.00	191.58	0.01
190.03	0.00	190.55	0.00	191.07	0.00	191.59	0.02
190.04	0.00	190.56	0.00	191.08	0.00	191.60	0.02
190.05	0.00	190.57	0.00	191.09	0.00	191.61	0.02
190.06	0.00	190.58	0.00	191.10	0.00	191.62	0.03
190.07	0.00	190.59	0.00	191.11	0.00	191.63	0.03
190.08	0.00	190.60	0.00	191.12	0.00	191.64	0.04
190.09	0.00	190.61	0.00	191.13	0.00	191.65	0.04
190.10	0.00	190.62	0.00	191.14	0.00	191.66	0.05
190.11	0.00	190.63	0.00	191.15	0.00	191.67	0.06
190.12	0.00	190.64	0.00	191.16	0.00	191.68	0.06
190.13	0.00	190.65	0.00	191.17	0.00	191.69	0.07
190.14	0.00	190.66	0.00	191.18	0.00	191.70	0.08
190.15	0.00	190.67	0.00	191.19	0.00	191.71	0.08
190.16	0.00	190.68	0.00	191.20	0.00	191.72	0.09
190.17	0.00	190.69	0.00	191.21	0.00	191.73	0.10
190.18	0.00	190.70	0.00	191.22	0.00	191.74	0.10
190.19	0.00	190.71	0.00	191.23	0.00	191.75	0.11
190.20	0.00	190.72	0.00	191.24	0.00	191.76	0.12
190.21	0.00	190.73	0.00	191.25	0.00	191.77	0.13
190.22	0.00	190.74	0.00	191.26	0.00	191.78	0.13
190.23	0.00	190.75	0.00	191.27	0.00	191.79	0.14
190.24	0.00	190.76	0.00	191.28	0.00	191.80	0.15
190.25	0.00	190.77	0.00	191.29	0.00	191.81	0.15
190.26	0.00	190.78	0.00	191.30	0.00	191.82	0.16
190.27	0.00	190.79	0.00	191.31	0.00	191.83	0.17
190.28	0.00	190.80	0.00	191.32	0.00	191.84	0.17
190.29	0.00	190.81	0.00	191.33	0.00	191.85	0.17
190.30	0.00	190.82	0.00	191.34	0.00	191.86	0.18
190.31	0.00	190.83	0.00	191.35	0.00	191.87	0.18
190.32	0.00	190.84	0.00	191.36	0.00	191.88	0.19
190.33	0.00	190.85	0.00	191.37	0.00	191.89	0.19
190.34	0.00	190.86	0.00	191.38	0.00	191.90	0.20
190.35	0.00	190.87	0.00	191.39	0.00	191.91	0.20
190.36	0.00	190.88	0.00	191.40	0.00	191.92	0.21
190.37	0.00	190.89	0.00	191.41	0.00	191.93	0.21
190.38	0.00	190.90	0.00	191.42	0.00	191.94	0.22
190.39	0.00	190.91	0.00	191.43	0.00	191.95	0.22
190.40	0.00	190.92	0.00	191.44	0.00	191.96	0.22
190.41	0.00	190.93	0.00	191.45	0.00	191.97	0.23
190.42	0.00	190.94	0.00	191.46	0.00	191.98	0.23
190.43	0.00	190.95	0.00	191.47	0.00	191.99	0.24
190.44	0.00	190.96	0.00	191.48	0.00	192.00	0.24
190.45	0.00	190.97	0.00	191.49	0.00	192.01	0.24
190.46	0.00	190.98	0.00	191.50	0.00	192.02	0.25
190.47	0.00	190.99	0.00	191.51	0.00	192.03	0.25
190.48	0.00	191.00	0.00	191.52	0.00	192.04	0.25
190.49	0.00	191.01	0.00	191.53	0.00	192.05	0.26
190.50	0.00	191.02	0.00	191.54	0.00	192.06	0.26
190.51	0.00	191.03	0.00	191.55	0.00	192.07	0.26

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.27	192.60	0.40	193.12	0.75	193.64	6.34
192.09	0.27	192.61	0.41	193.13	0.80	193.65	6.49
192.10	0.27	192.62	0.41	193.14	0.86	193.66	6.63
192.11	0.28	192.63	0.41	193.15	0.92	193.67	6.78
192.12	0.28	192.64	0.41	193.16	0.99	193.68	6.93
192.13	0.28	192.65	0.41	193.17	1.05	193.69	7.08
192.14	0.29	192.66	0.42	193.18	1.12	193.70	7.23
192.15	0.29	192.67	0.42	193.19	1.20	193.71	7.38
192.16	0.29	192.68	0.42	193.20	1.27	193.72	7.53
192.17	0.30	192.69	0.42	193.21	1.35	193.73	7.69
192.18	0.30	192.70	0.43	193.22	1.43	193.74	7.84
192.19	0.30	192.71	0.43	193.23	1.51	193.75	8.00
192.20	0.30	192.72	0.43	193.24	1.60	193.76	8.15
192.21	0.31	192.73	0.43	193.25	1.69	193.77	8.31
192.22	0.31	192.74	0.43	193.26	1.77	193.78	8.47
192.23	0.31	192.75	0.44	193.27	1.87	193.79	8.63
192.24	0.32	192.76	0.44	193.28	1.96	193.80	8.79
192.25	0.32	192.77	0.44	193.29	2.05	193.81	8.95
192.26	0.32	192.78	0.44	193.30	2.15	193.82	9.11
192.27	0.32	192.79	0.44	193.31	2.25	193.83	9.28
192.28	0.33	192.80	0.45	193.32	2.35	193.84	9.44
192.29	0.33	192.81	0.45	193.33	2.45	193.85	9.60
192.30	0.33	192.82	0.45	193.34	2.55	193.86	9.77
192.31	0.33	192.83	0.45	193.35	2.66	193.87	9.94
192.32	0.34	192.84	0.45	193.36	2.77	193.88	10.10
192.33	0.34	192.85	0.46	193.37	2.88	193.89	10.27
192.34	0.34	192.86	0.46	193.38	2.99	193.90	10.44
192.35	0.34	192.87	0.46	193.39	3.10	193.91	10.61
192.36	0.35	192.88	0.46	193.40	3.21	193.92	10.78
192.37	0.35	192.89	0.46	193.41	3.33	193.93	10.95
192.38	0.35	192.90	0.46	193.42	3.44	193.94	11.13
192.39	0.35	192.91	0.47	193.43	3.56	193.95	11.30
192.40	0.36	192.92	0.47	193.44	3.68	193.96	11.47
192.41	0.36	192.93	0.47	193.45	3.80	193.97	11.65
192.42	0.36	192.94	0.47	193.46	3.92	193.98	11.82
192.43	0.36	192.95	0.47	193.47	4.05	193.99	12.00
192.44	0.37	192.96	0.48	193.48	4.17	194.00	12.18
192.45	0.37	192.97	0.48	193.49	4.30	194.01	12.35
192.46	0.37	192.98	0.48	193.50	4.43	194.02	12.53
192.47	0.37	192.99	0.48	193.51	4.56	194.03	12.71
192.48	0.38	193.00	0.48	193.52	4.69	194.04	12.89
192.49	0.38	193.01	0.49	193.53	4.82	194.05	13.07
192.50	0.38	193.02	0.49	193.54	4.95	194.06	13.25
192.51	0.38	193.03	0.49	193.55	5.08	194.07	13.44
192.52	0.39	193.04	0.49	193.56	5.22	194.08	13.62
192.53	0.39	193.05	0.49	193.57	5.36	194.09	13.80
192.54	0.39	193.06	0.51	193.58	5.49	194.10	13.99
192.55	0.39	193.07	0.53	193.59	5.63	194.11	14.03
192.56	0.39	193.08	0.57	193.60	5.77	194.12	14.05
192.57	0.40	193.09	0.60	193.61	5.91	194.13	14.07
192.58	0.40	193.10	0.65	193.62	6.05	194.14	14.09
192.59	0.40	193.11	0.69	193.63	6.20	194.15	14.11

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	14.13	194.68	24.20
194.17	14.15	194.69	24.98
194.18	14.17	194.70	25.79
194.19	14.19	194.71	26.66
194.20	14.22	194.72	27.55
194.21	14.24	194.73	28.47
194.22	14.26	194.74	29.41
194.23	14.28	194.75	30.38
194.24	14.30	194.76	31.37
194.25	14.32	194.77	32.39
194.26	14.34	194.78	33.43
194.27	14.36	194.79	34.50
194.28	14.38	194.80	35.59
194.29	14.40	194.81	36.70
194.30	14.42	194.82	37.84
194.31	14.44	194.83	39.01
194.32	14.46	194.84	40.20
194.33	14.48	194.85	41.41
194.34	14.51	194.86	42.65
194.35	14.53	194.87	43.91
194.36	14.55	194.88	45.20
194.37	14.57	194.89	46.51
194.38	14.59	194.90	47.84
194.39	14.61	194.91	49.23
194.40	14.63	194.92	50.64
194.41	14.65	194.93	52.07
194.42	14.67	194.94	53.54
194.43	14.69	194.95	55.02
194.44	14.71	194.96	56.54
194.45	14.73	194.97	58.08
194.46	14.75	194.98	59.65
194.47	14.77	194.99	61.24
194.48	14.79	195.00	62.86
194.49	14.81		
194.50	14.83		
194.51	14.97		
194.52	15.20		
194.53	15.50		
194.54	15.85		
194.55	16.24		
194.56	16.67		
194.57	17.14		
194.58	17.65		
194.59	18.18		
194.60	18.75		
194.61	19.34		
194.62	19.96		
194.63	20.61		
194.64	21.28		
194.65	21.97		
194.66	22.69		
194.67	23.43		

Stage-Area-Storage for Pond B-35: Basin #35

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	2,647	0	190.52	3,139	1,504
190.01	2,656	27	190.53	3,148	1,536
190.02	2,666	53	190.54	3,158	1,567
190.03	2,675	80	190.55	3,167	1,599
190.04	2,685	107	190.56	3,177	1,631
190.05	2,694	134	190.57	3,186	1,662
190.06	2,704	161	190.58	3,196	1,694
190.07	2,713	188	190.59	3,205	1,726
190.08	2,723	215	190.60	3,215	1,758
190.09	2,732	242	190.61	3,224	1,791
190.10	2,742	269	190.62	3,234	1,823
190.11	2,751	297	190.63	3,243	1,855
190.12	2,761	324	190.64	3,252	1,888
190.13	2,770	352	190.65	3,262	1,920
190.14	2,779	380	190.66	3,271	1,953
190.15	2,789	408	190.67	3,281	1,986
190.16	2,798	436	190.68	3,290	2,019
190.17	2,808	464	190.69	3,300	2,052
190.18	2,817	492	190.70	3,309	2,085
190.19	2,827	520	190.71	3,319	2,118
190.20	2,836	548	190.72	3,328	2,151
190.21	2,846	577	190.73	3,338	2,184
190.22	2,855	605	190.74	3,347	2,218
190.23	2,865	634	190.75	3,357	2,251
190.24	2,874	663	190.76	3,366	2,285
190.25	2,884	691	190.77	3,375	2,319
190.26	2,893	720	190.78	3,385	2,352
190.27	2,902	749	190.79	3,394	2,386
190.28	2,912	778	190.80	3,404	2,420
190.29	2,921	807	190.81	3,413	2,454
190.30	2,931	837	190.82	3,423	2,489
190.31	2,940	866	190.83	3,432	2,523
190.32	2,950	895	190.84	3,442	2,557
190.33	2,959	925	190.85	3,451	2,592
190.34	2,969	955	190.86	3,461	2,626
190.35	2,978	984	190.87	3,470	2,661
190.36	2,988	1,014	190.88	3,479	2,696
190.37	2,997	1,044	190.89	3,489	2,730
190.38	3,006	1,074	190.90	3,498	2,765
190.39	3,016	1,104	190.91	3,508	2,800
190.40	3,025	1,134	190.92	3,517	2,836
190.41	3,035	1,165	190.93	3,527	2,871
190.42	3,044	1,195	190.94	3,536	2,906
190.43	3,054	1,226	190.95	3,546	2,942
190.44	3,063	1,256	190.96	3,555	2,977
190.45	3,073	1,287	190.97	3,565	3,013
190.46	3,082	1,318	190.98	3,574	3,048
190.47	3,092	1,349	190.99	3,584	3,084
190.48	3,101	1,380	191.00	3,593	3,120
190.49	3,111	1,411	191.01	3,603	3,156
190.50	3,120	1,442	191.02	3,614	3,192
190.51	3,129	1,473	191.03	3,624	3,228

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	3,634	3,265	191.56	4,167	5,293
191.05	3,644	3,301	191.57	4,177	5,335
191.06	3,655	3,337	191.58	4,188	5,376
191.07	3,665	3,374	191.59	4,198	5,418
191.08	3,675	3,411	191.60	4,208	5,460
191.09	3,685	3,448	191.61	4,218	5,502
191.10	3,695	3,484	191.62	4,229	5,545
191.11	3,706	3,521	191.63	4,239	5,587
191.12	3,716	3,559	191.64	4,249	5,629
191.13	3,726	3,596	191.65	4,259	5,672
191.14	3,736	3,633	191.66	4,269	5,715
191.15	3,747	3,670	191.67	4,280	5,757
191.16	3,757	3,708	191.68	4,290	5,800
191.17	3,767	3,746	191.69	4,300	5,843
191.18	3,778	3,783	191.70	4,310	5,886
191.19	3,788	3,821	191.71	4,321	5,929
191.20	3,798	3,859	191.72	4,331	5,973
191.21	3,808	3,897	191.73	4,341	6,016
191.22	3,818	3,935	191.74	4,352	6,059
191.23	3,829	3,974	191.75	4,362	6,103
191.24	3,839	4,012	191.76	4,372	6,147
191.25	3,849	4,050	191.77	4,382	6,190
191.26	3,859	4,089	191.78	4,393	6,234
191.27	3,870	4,127	191.79	4,403	6,278
191.28	3,880	4,166	191.80	4,413	6,322
191.29	3,890	4,205	191.81	4,423	6,367
191.30	3,901	4,244	191.82	4,433	6,411
191.31	3,911	4,283	191.83	4,444	6,455
191.32	3,921	4,322	191.84	4,454	6,500
191.33	3,931	4,362	191.85	4,464	6,544
191.34	3,942	4,401	191.86	4,475	6,589
191.35	3,952	4,440	191.87	4,485	6,634
191.36	3,962	4,480	191.88	4,495	6,679
191.37	3,972	4,520	191.89	4,505	6,724
191.38	3,982	4,559	191.90	4,516	6,769
191.39	3,993	4,599	191.91	4,526	6,814
191.40	4,003	4,639	191.92	4,536	6,859
191.41	4,013	4,679	191.93	4,546	6,905
191.42	4,023	4,719	191.94	4,556	6,950
191.43	4,034	4,760	191.95	4,567	6,996
191.44	4,044	4,800	191.96	4,577	7,042
191.45	4,054	4,841	191.97	4,587	7,087
191.46	4,065	4,881	191.98	4,597	7,133
191.47	4,075	4,922	191.99	4,608	7,179
191.48	4,085	4,963	192.00	4,618	7,226
191.49	4,095	5,004	192.01	4,629	7,272
191.50	4,106	5,045	192.02	4,640	7,318
191.51	4,116	5,086	192.03	4,651	7,365
191.52	4,126	5,127	192.04	4,662	7,411
191.53	4,136	5,168	192.05	4,673	7,458
191.54	4,146	5,210	192.06	4,684	7,505
191.55	4,157	5,251	192.07	4,695	7,551

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	4,705	7,598	192.60	5,274	10,193
192.09	4,716	7,646	192.61	5,285	10,246
192.10	4,727	7,693	192.62	5,296	10,299
192.11	4,738	7,740	192.63	5,307	10,352
192.12	4,749	7,788	192.64	5,318	10,405
192.13	4,760	7,835	192.65	5,328	10,458
192.14	4,771	7,883	192.66	5,339	10,511
192.15	4,782	7,930	192.67	5,350	10,565
192.16	4,793	7,978	192.68	5,361	10,618
192.17	4,804	8,026	192.69	5,372	10,672
192.18	4,815	8,074	192.70	5,383	10,726
192.19	4,826	8,123	192.71	5,394	10,780
192.20	4,837	8,171	192.72	5,405	10,834
192.21	4,848	8,219	192.73	5,416	10,888
192.22	4,858	8,268	192.74	5,427	10,942
192.23	4,869	8,317	192.75	5,438	10,996
192.24	4,880	8,365	192.76	5,449	11,051
192.25	4,891	8,414	192.77	5,460	11,105
192.26	4,902	8,463	192.78	5,471	11,160
192.27	4,913	8,512	192.79	5,481	11,215
192.28	4,924	8,561	192.80	5,492	11,270
192.29	4,935	8,611	192.81	5,503	11,325
192.30	4,946	8,660	192.82	5,514	11,380
192.31	4,957	8,710	192.83	5,525	11,435
192.32	4,968	8,759	192.84	5,536	11,490
192.33	4,979	8,809	192.85	5,547	11,546
192.34	4,990	8,859	192.86	5,558	11,601
192.35	5,001	8,909	192.87	5,569	11,657
192.36	5,011	8,959	192.88	5,580	11,713
192.37	5,022	9,009	192.89	5,591	11,768
192.38	5,033	9,059	192.90	5,602	11,824
192.39	5,044	9,110	192.91	5,613	11,880
192.40	5,055	9,160	192.92	5,624	11,937
192.41	5,066	9,211	192.93	5,634	11,993
192.42	5,077	9,261	192.94	5,645	12,049
192.43	5,088	9,312	192.95	5,656	12,106
192.44	5,099	9,363	192.96	5,667	12,162
192.45	5,110	9,414	192.97	5,678	12,219
192.46	5,121	9,465	192.98	5,689	12,276
192.47	5,132	9,517	192.99	5,700	12,333
192.48	5,143	9,568	193.00	5,711	12,390
192.49	5,154	9,620	193.01	5,723	12,447
192.50	5,165	9,671	193.02	5,734	12,504
192.51	5,175	9,723	193.03	5,746	12,562
192.52	5,186	9,775	193.04	5,757	12,619
192.53	5,197	9,827	193.05	5,769	12,677
192.54	5,208	9,879	193.06	5,781	12,735
192.55	5,219	9,931	193.07	5,792	12,793
192.56	5,230	9,983	193.08	5,804	12,851
192.57	5,241	10,035	193.09	5,815	12,909
192.58	5,252	10,088	193.10	5,827	12,967
192.59	5,263	10,140	193.11	5,839	13,025

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	5,850	13,084	193.64	6,453	16,283
193.13	5,862	13,142	193.65	6,465	16,347
193.14	5,873	13,201	193.66	6,477	16,412
193.15	5,885	13,260	193.67	6,488	16,477
193.16	5,897	13,319	193.68	6,500	16,542
193.17	5,908	13,378	193.69	6,511	16,607
193.18	5,920	13,437	193.70	6,523	16,672
193.19	5,931	13,496	193.71	6,535	16,737
193.20	5,943	13,555	193.72	6,546	16,803
193.21	5,955	13,615	193.73	6,558	16,868
193.22	5,966	13,674	193.74	6,569	16,934
193.23	5,978	13,734	193.75	6,581	17,000
193.24	5,989	13,794	193.76	6,593	17,065
193.25	6,001	13,854	193.77	6,604	17,131
193.26	6,013	13,914	193.78	6,616	17,197
193.27	6,024	13,974	193.79	6,627	17,264
193.28	6,036	14,035	193.80	6,639	17,330
193.29	6,047	14,095	193.81	6,651	17,396
193.30	6,059	14,156	193.82	6,662	17,463
193.31	6,071	14,216	193.83	6,674	17,530
193.32	6,082	14,277	193.84	6,685	17,596
193.33	6,094	14,338	193.85	6,697	17,663
193.34	6,105	14,399	193.86	6,709	17,730
193.35	6,117	14,460	193.87	6,720	17,798
193.36	6,129	14,521	193.88	6,732	17,865
193.37	6,140	14,582	193.89	6,743	17,932
193.38	6,152	14,644	193.90	6,755	18,000
193.39	6,163	14,706	193.91	6,767	18,067
193.40	6,175	14,767	193.92	6,778	18,135
193.41	6,187	14,829	193.93	6,790	18,203
193.42	6,198	14,891	193.94	6,801	18,271
193.43	6,210	14,953	193.95	6,813	18,339
193.44	6,221	15,015	193.96	6,825	18,407
193.45	6,233	15,077	193.97	6,836	18,475
193.46	6,245	15,140	193.98	6,848	18,544
193.47	6,256	15,202	193.99	6,859	18,612
193.48	6,268	15,265	194.00	6,871	18,681
193.49	6,279	15,328	194.01	6,883	18,750
193.50	6,291	15,391	194.02	6,896	18,819
193.51	6,303	15,453	194.03	6,908	18,888
193.52	6,314	15,517	194.04	6,920	18,957
193.53	6,326	15,580	194.05	6,932	19,026
193.54	6,337	15,643	194.06	6,945	19,095
193.55	6,349	15,707	194.07	6,957	19,165
193.56	6,361	15,770	194.08	6,969	19,235
193.57	6,372	15,834	194.09	6,982	19,304
193.58	6,384	15,897	194.10	6,994	19,374
193.59	6,395	15,961	194.11	7,006	19,444
193.60	6,407	16,025	194.12	7,018	19,514
193.61	6,419	16,090	194.13	7,031	19,585
193.62	6,430	16,154	194.14	7,043	19,655
193.63	6,442	16,218	194.15	7,055	19,725

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	7,067	19,796	194.68	7,706	23,637
194.17	7,080	19,867	194.69	7,718	23,714
194.18	7,092	19,938	194.70	7,731	23,792
194.19	7,104	20,009	194.71	7,743	23,869
194.20	7,117	20,080	194.72	7,755	23,946
194.21	7,129	20,151	194.73	7,767	24,024
194.22	7,141	20,222	194.74	7,780	24,102
194.23	7,153	20,294	194.75	7,792	24,180
194.24	7,166	20,365	194.76	7,804	24,258
194.25	7,178	20,437	194.77	7,817	24,336
194.26	7,190	20,509	194.78	7,829	24,414
194.27	7,203	20,581	194.79	7,841	24,492
194.28	7,215	20,653	194.80	7,853	24,571
194.29	7,227	20,725	194.81	7,866	24,649
194.30	7,239	20,798	194.82	7,878	24,728
194.31	7,252	20,870	194.83	7,890	24,807
194.32	7,264	20,943	194.84	7,903	24,886
194.33	7,276	21,015	194.85	7,915	24,965
194.34	7,289	21,088	194.86	7,927	25,044
194.35	7,301	21,161	194.87	7,939	25,124
194.36	7,313	21,234	194.88	7,952	25,203
194.37	7,325	21,307	194.89	7,964	25,283
194.38	7,338	21,381	194.90	7,976	25,362
194.39	7,350	21,454	194.91	7,988	25,442
194.40	7,362	21,528	194.92	8,001	25,522
194.41	7,374	21,601	194.93	8,013	25,602
194.42	7,387	21,675	194.94	8,025	25,682
194.43	7,399	21,749	194.95	8,038	25,763
194.44	7,411	21,823	194.96	8,050	25,843
194.45	7,424	21,897	194.97	8,062	25,924
194.46	7,436	21,972	194.98	8,074	26,004
194.47	7,448	22,046	194.99	8,087	26,085
194.48	7,460	22,121	195.00	8,099	26,166
194.49	7,473	22,195			
194.50	7,485	22,270			
194.51	7,497	22,345			
194.52	7,510	22,420			
194.53	7,522	22,495			
194.54	7,534	22,570			
194.55	7,546	22,646			
194.56	7,559	22,721			
194.57	7,571	22,797			
194.58	7,583	22,873			
194.59	7,596	22,949			
194.60	7,608	23,025			
194.61	7,620	23,101			
194.62	7,632	23,177			
194.63	7,645	23,253			
194.64	7,657	23,330			
194.65	7,669	23,407			
194.66	7,681	23,483			
194.67	7,694	23,560			

Summary for Pond B-36A: Basin #36A

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 1.94" for Current 2 yr event
 Inflow = 4.64 cfs @ 12.17 hrs, Volume= 0.385 af
 Outflow = 0.48 cfs @ 13.20 hrs, Volume= 0.291 af, Atten= 90%, Lag= 61.6 min
 Primary = 0.48 cfs @ 13.20 hrs, Volume= 0.291 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.91' @ 13.20 hrs Surf.Area= 4,357 sf Storage= 9,677 cf

Plug-Flow detention time= 311.0 min calculated for 0.291 af (76% of inflow)
 Center-of-Mass det. time= 217.4 min (1,014.7 - 797.3)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,253 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,366	0	0
192.00	2,995	2,681	2,681
193.00	3,681	3,338	6,019
194.00	4,424	4,053	10,071
195.00	5,223	4,824	14,895
195.25	5,644	1,358	16,253

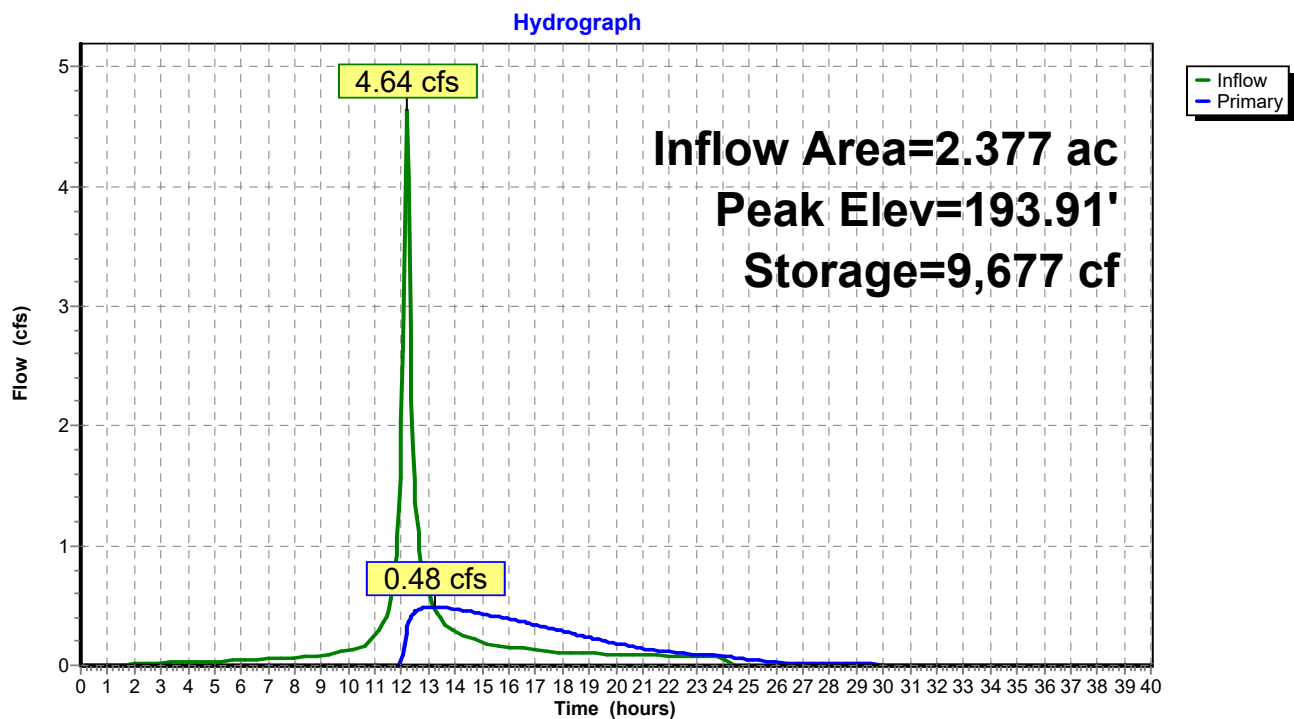
Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.42'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.48 cfs @ 13.20 hrs HW=193.91' (Free Discharge)

1=Culvert (Passes 0.48 cfs of 12.45 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.48 cfs @ 5.54 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36A: Basin #36A



Hydrograph for Pond B-36A: Basin #36A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	0	191.00	0.00
1.30	0.00	0	191.00	0.00
1.40	0.00	1	191.00	0.00
1.50	0.00	1	191.00	0.00
1.60	0.00	3	191.00	0.00
1.70	0.01	5	191.00	0.00
1.80	0.01	7	191.00	0.00
1.90	0.01	9	191.00	0.00
2.00	0.01	12	191.01	0.00
2.10	0.01	16	191.01	0.00
2.20	0.01	20	191.01	0.00
2.30	0.01	24	191.01	0.00
2.40	0.01	29	191.01	0.00
2.50	0.01	34	191.01	0.00
2.60	0.02	39	191.02	0.00
2.70	0.02	45	191.02	0.00
2.80	0.02	51	191.02	0.00
2.90	0.02	57	191.02	0.00
3.00	0.02	64	191.03	0.00
3.10	0.02	71	191.03	0.00
3.20	0.02	78	191.03	0.00
3.30	0.02	86	191.04	0.00
3.40	0.02	93	191.04	0.00
3.50	0.02	102	191.04	0.00
3.60	0.02	110	191.05	0.00
3.70	0.02	119	191.05	0.00
3.80	0.03	128	191.05	0.00
3.90	0.03	137	191.06	0.00
4.00	0.03	147	191.06	0.00
4.10	0.03	157	191.07	0.00
4.20	0.03	167	191.07	0.00
4.30	0.03	177	191.07	0.00
4.40	0.03	188	191.08	0.00
4.50	0.03	199	191.08	0.00
4.60	0.03	210	191.09	0.00
4.70	0.03	222	191.09	0.00
4.80	0.03	233	191.10	0.00
4.90	0.03	245	191.10	0.00
5.00	0.03	257	191.11	0.00
5.10	0.03	269	191.11	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	282	191.12	0.00
5.30	0.04	295	191.12	0.00
5.40	0.04	308	191.13	0.00
5.50	0.04	321	191.13	0.00
5.60	0.04	334	191.14	0.00
5.70	0.04	348	191.14	0.00
5.80	0.04	362	191.15	0.00
5.90	0.04	376	191.16	0.00
6.00	0.04	390	191.16	0.00
6.10	0.04	405	191.17	0.00
6.20	0.04	419	191.17	0.00
6.30	0.04	435	191.18	0.00
6.40	0.04	450	191.19	0.00
6.50	0.05	467	191.19	0.00
6.60	0.05	483	191.20	0.00
6.70	0.05	500	191.21	0.00
6.80	0.05	518	191.21	0.00
6.90	0.05	536	191.22	0.00
7.00	0.05	555	191.23	0.00
7.10	0.05	574	191.24	0.00
7.20	0.06	594	191.24	0.00
7.30	0.06	614	191.25	0.00
7.40	0.06	634	191.26	0.00
7.50	0.06	656	191.27	0.00
7.60	0.06	677	191.28	0.00
7.70	0.06	699	191.28	0.00
7.80	0.06	722	191.29	0.00
7.90	0.07	745	191.30	0.00
8.00	0.07	769	191.31	0.00
8.10	0.07	793	191.32	0.00
8.20	0.07	818	191.33	0.00
8.30	0.07	843	191.34	0.00
8.40	0.07	869	191.35	0.00
8.50	0.07	895	191.36	0.00
8.60	0.08	922	191.37	0.00
8.70	0.08	949	191.38	0.00
8.80	0.08	977	191.39	0.00
8.90	0.08	1,005	191.40	0.00
9.00	0.08	1,034	191.41	0.00
9.10	0.08	1,064	191.43	0.00
9.20	0.09	1,094	191.44	0.00
9.30	0.09	1,126	191.45	0.00
9.40	0.10	1,160	191.46	0.00
9.50	0.10	1,196	191.48	0.00
9.60	0.11	1,233	191.49	0.00
9.70	0.11	1,272	191.50	0.00
9.80	0.12	1,312	191.52	0.00
9.90	0.12	1,355	191.53	0.00
10.00	0.13	1,399	191.55	0.00
10.10	0.13	1,445	191.57	0.00
10.20	0.14	1,493	191.59	0.00
10.30	0.14	1,542	191.60	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,594	191.62	0.00
10.50	0.15	1,647	191.64	0.00
10.60	0.16	1,702	191.66	0.00
10.70	0.17	1,762	191.68	0.00
10.80	0.19	1,828	191.71	0.00
10.90	0.22	1,901	191.73	0.00
11.00	0.24	1,983	191.76	0.00
11.10	0.27	2,074	191.79	0.00
11.20	0.31	2,178	191.83	0.00
11.30	0.35	2,296	191.87	0.00
11.40	0.40	2,432	191.92	0.00
11.50	0.45	2,584	191.97	0.00
11.60	0.55	2,761	192.03	0.00
11.70	0.74	2,996	192.10	0.00
11.80	0.92	3,292	192.20	0.00
11.90	1.28	3,684	192.32	0.00
12.00	2.02	4,261	192.50	0.02
12.10	3.59	5,211	192.78	0.18
12.20	4.52	6,664	193.17	0.32
12.30	2.80	7,849	193.47	0.40
12.40	1.83	8,519	193.64	0.43
12.50	1.36	8,926	193.74	0.45
12.60	1.12	9,210	193.80	0.46
12.70	0.85	9,391	193.84	0.47
12.80	0.73	9,503	193.87	0.48
12.90	0.66	9,582	193.89	0.48
13.00	0.60	9,636	193.90	0.48
13.10	0.54	9,667	193.91	0.48
13.20	0.48	9,677	193.91	0.48
13.30	0.44	9,669	193.91	0.48
13.40	0.41	9,649	193.90	0.48
13.50	0.38	9,617	193.90	0.48
13.60	0.34	9,573	193.89	0.48
13.70	0.31	9,518	193.87	0.48
13.80	0.30	9,457	193.86	0.47
13.90	0.29	9,393	193.84	0.47
14.00	0.28	9,327	193.83	0.47
14.10	0.27	9,258	193.81	0.47
14.20	0.26	9,187	193.80	0.46
14.30	0.25	9,115	193.78	0.46
14.40	0.25	9,040	193.76	0.46
14.50	0.24	8,963	193.74	0.45
14.60	0.23	8,885	193.73	0.45
14.70	0.22	8,805	193.71	0.44
14.80	0.21	8,723	193.69	0.44
14.90	0.20	8,639	193.67	0.44
15.00	0.19	8,553	193.65	0.43
15.10	0.18	8,465	193.63	0.43
15.20	0.18	8,377	193.60	0.42
15.30	0.17	8,287	193.58	0.42
15.40	0.17	8,198	193.56	0.41
15.50	0.17	8,110	193.54	0.41

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	8,023	193.52	0.41
15.70	0.16	7,937	193.50	0.40
15.80	0.16	7,851	193.48	0.40
15.90	0.16	7,767	193.45	0.39
16.00	0.15	7,683	193.43	0.39
16.10	0.15	7,600	193.41	0.38
16.20	0.15	7,518	193.39	0.38
16.30	0.15	7,437	193.37	0.37
16.40	0.15	7,356	193.35	0.37
16.50	0.14	7,277	193.33	0.36
16.60	0.14	7,198	193.31	0.36
16.70	0.14	7,121	193.29	0.35
16.80	0.14	7,044	193.27	0.35
16.90	0.13	6,969	193.25	0.34
17.00	0.13	6,894	193.23	0.34
17.10	0.13	6,820	193.21	0.33
17.20	0.13	6,747	193.19	0.33
17.30	0.12	6,675	193.18	0.32
17.40	0.12	6,604	193.16	0.32
17.50	0.12	6,534	193.14	0.31
17.60	0.12	6,465	193.12	0.31
17.70	0.11	6,397	193.10	0.30
17.80	0.11	6,330	193.08	0.30
17.90	0.11	6,265	193.07	0.29
18.00	0.11	6,200	193.05	0.29
18.10	0.10	6,136	193.03	0.28
18.20	0.10	6,073	193.01	0.27
18.30	0.10	6,012	193.00	0.27
18.40	0.10	5,952	192.98	0.26
18.50	0.10	5,894	192.97	0.26
18.60	0.10	5,838	192.95	0.25
18.70	0.10	5,783	192.94	0.25
18.80	0.10	5,730	192.92	0.24
18.90	0.10	5,679	192.91	0.24
19.00	0.10	5,630	192.89	0.23
19.10	0.10	5,582	192.88	0.23
19.20	0.10	5,535	192.87	0.22
19.30	0.10	5,491	192.85	0.22
19.40	0.09	5,448	192.84	0.21
19.50	0.09	5,406	192.83	0.21
19.60	0.09	5,366	192.82	0.20
19.70	0.09	5,327	192.81	0.20
19.80	0.09	5,290	192.80	0.19
19.90	0.09	5,255	192.79	0.19
20.00	0.09	5,221	192.78	0.18
20.10	0.09	5,188	192.77	0.18
20.20	0.09	5,157	192.76	0.18
20.30	0.09	5,126	192.75	0.17
20.40	0.09	5,098	192.74	0.17
20.50	0.09	5,070	192.74	0.16
20.60	0.09	5,044	192.73	0.16
20.70	0.09	5,019	192.72	0.15

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	4,996	192.71	0.15
20.90	0.09	4,973	192.71	0.15
21.00	0.09	4,952	192.70	0.14
21.10	0.08	4,932	192.70	0.14
21.20	0.08	4,914	192.69	0.13
21.30	0.08	4,896	192.69	0.13
21.40	0.08	4,880	192.68	0.13
21.50	0.08	4,864	192.68	0.12
21.60	0.08	4,849	192.67	0.12
21.70	0.08	4,836	192.67	0.12
21.80	0.08	4,823	192.66	0.12
21.90	0.08	4,810	192.66	0.11
22.00	0.08	4,799	192.66	0.11
22.10	0.08	4,788	192.65	0.11
22.20	0.08	4,777	192.65	0.11
22.30	0.08	4,768	192.65	0.10
22.40	0.08	4,758	192.65	0.10
22.50	0.08	4,749	192.64	0.10
22.60	0.08	4,741	192.64	0.10
22.70	0.08	4,733	192.64	0.10
22.80	0.07	4,725	192.64	0.10
22.90	0.07	4,718	192.63	0.09
23.00	0.07	4,711	192.63	0.09
23.10	0.07	4,704	192.63	0.09
23.20	0.07	4,698	192.63	0.09
23.30	0.07	4,692	192.63	0.09
23.40	0.07	4,686	192.62	0.09
23.50	0.07	4,680	192.62	0.09
23.60	0.07	4,674	192.62	0.08
23.70	0.07	4,669	192.62	0.08
23.80	0.07	4,664	192.62	0.08
23.90	0.07	4,659	192.62	0.08
24.00	0.07	4,654	192.62	0.08
24.10	0.06	4,651	192.61	0.08
24.20	0.02	4,636	192.61	0.08
24.30	0.00	4,612	192.60	0.07
24.40	0.00	4,588	192.60	0.07
24.50	0.00	4,565	192.59	0.06
24.60	0.00	4,543	192.58	0.06
24.70	0.00	4,523	192.58	0.05
24.80	0.00	4,503	192.57	0.05
24.90	0.00	4,486	192.57	0.05
25.00	0.00	4,469	192.56	0.05
25.10	0.00	4,453	192.56	0.04
25.20	0.00	4,438	192.55	0.04
25.30	0.00	4,424	192.55	0.04
25.40	0.00	4,410	192.54	0.04
25.50	0.00	4,398	192.54	0.03
25.60	0.00	4,386	192.54	0.03
25.70	0.00	4,375	192.53	0.03
25.80	0.00	4,364	192.53	0.03
25.90	0.00	4,354	192.53	0.03

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,345	192.52	0.03
26.10	0.00	4,336	192.52	0.02
26.20	0.00	4,327	192.52	0.02
26.30	0.00	4,318	192.52	0.02
26.40	0.00	4,310	192.51	0.02
26.50	0.00	4,303	192.51	0.02
26.60	0.00	4,295	192.51	0.02
26.70	0.00	4,288	192.51	0.02
26.80	0.00	4,282	192.51	0.02
26.90	0.00	4,275	192.50	0.02
27.00	0.00	4,269	192.50	0.02
27.10	0.00	4,263	192.50	0.02
27.20	0.00	4,257	192.50	0.02
27.30	0.00	4,252	192.50	0.01
27.40	0.00	4,247	192.49	0.01
27.50	0.00	4,242	192.49	0.01
27.60	0.00	4,237	192.49	0.01
27.70	0.00	4,232	192.49	0.01
27.80	0.00	4,228	192.49	0.01
27.90	0.00	4,224	192.49	0.01
28.00	0.00	4,220	192.49	0.01
28.10	0.00	4,216	192.49	0.01
28.20	0.00	4,212	192.48	0.01
28.30	0.00	4,208	192.48	0.01
28.40	0.00	4,205	192.48	0.01
28.50	0.00	4,201	192.48	0.01
28.60	0.00	4,198	192.48	0.01
28.70	0.00	4,194	192.48	0.01
28.80	0.00	4,191	192.48	0.01
28.90	0.00	4,188	192.48	0.01
29.00	0.00	4,184	192.48	0.01
29.10	0.00	4,181	192.48	0.01
29.20	0.00	4,178	192.47	0.01
29.30	0.00	4,176	192.47	0.01
29.40	0.00	4,173	192.47	0.01
29.50	0.00	4,170	192.47	0.01
29.60	0.00	4,167	192.47	0.01
29.70	0.00	4,165	192.47	0.01
29.80	0.00	4,162	192.47	0.01
29.90	0.00	4,159	192.47	0.01
30.00	0.00	4,157	192.47	0.01
30.10	0.00	4,155	192.47	0.01
30.20	0.00	4,152	192.47	0.01
30.30	0.00	4,150	192.47	0.01
30.40	0.00	4,148	192.47	0.01
30.50	0.00	4,145	192.46	0.01
30.60	0.00	4,143	192.46	0.01
30.70	0.00	4,141	192.46	0.01
30.80	0.00	4,139	192.46	0.01
30.90	0.00	4,137	192.46	0.01
31.00	0.00	4,135	192.46	0.01
31.10	0.00	4,133	192.46	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,132	192.46	0.01
31.30	0.00	4,130	192.46	0.00
31.40	0.00	4,128	192.46	0.00
31.50	0.00	4,126	192.46	0.00
31.60	0.00	4,125	192.46	0.00
31.70	0.00	4,123	192.46	0.00
31.80	0.00	4,122	192.46	0.00
31.90	0.00	4,120	192.46	0.00
32.00	0.00	4,118	192.46	0.00
32.10	0.00	4,117	192.46	0.00
32.20	0.00	4,116	192.46	0.00
32.30	0.00	4,114	192.45	0.00
32.40	0.00	4,113	192.45	0.00
32.50	0.00	4,111	192.45	0.00
32.60	0.00	4,110	192.45	0.00
32.70	0.00	4,109	192.45	0.00
32.80	0.00	4,108	192.45	0.00
32.90	0.00	4,106	192.45	0.00
33.00	0.00	4,105	192.45	0.00
33.10	0.00	4,104	192.45	0.00
33.20	0.00	4,103	192.45	0.00
33.30	0.00	4,102	192.45	0.00
33.40	0.00	4,101	192.45	0.00
33.50	0.00	4,100	192.45	0.00
33.60	0.00	4,099	192.45	0.00
33.70	0.00	4,098	192.45	0.00
33.80	0.00	4,097	192.45	0.00
33.90	0.00	4,096	192.45	0.00
34.00	0.00	4,095	192.45	0.00
34.10	0.00	4,094	192.45	0.00
34.20	0.00	4,093	192.45	0.00
34.30	0.00	4,092	192.45	0.00
34.40	0.00	4,091	192.45	0.00
34.50	0.00	4,091	192.45	0.00
34.60	0.00	4,090	192.45	0.00
34.70	0.00	4,089	192.45	0.00
34.80	0.00	4,088	192.45	0.00
34.90	0.00	4,088	192.45	0.00
35.00	0.00	4,087	192.45	0.00
35.10	0.00	4,086	192.45	0.00
35.20	0.00	4,085	192.45	0.00
35.30	0.00	4,085	192.45	0.00
35.40	0.00	4,084	192.45	0.00
35.50	0.00	4,083	192.45	0.00
35.60	0.00	4,083	192.45	0.00
35.70	0.00	4,082	192.45	0.00
35.80	0.00	4,082	192.45	0.00
35.90	0.00	4,081	192.44	0.00
36.00	0.00	4,080	192.44	0.00
36.10	0.00	4,080	192.44	0.00
36.20	0.00	4,079	192.44	0.00
36.30	0.00	4,079	192.44	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,078	192.44	0.00
36.50	0.00	4,078	192.44	0.00
36.60	0.00	4,077	192.44	0.00
36.70	0.00	4,077	192.44	0.00
36.80	0.00	4,076	192.44	0.00
36.90	0.00	4,076	192.44	0.00
37.00	0.00	4,075	192.44	0.00
37.10	0.00	4,074	192.44	0.00
37.20	0.00	4,074	192.44	0.00
37.30	0.00	4,073	192.44	0.00
37.40	0.00	4,073	192.44	0.00
37.50	0.00	4,072	192.44	0.00
37.60	0.00	4,072	192.44	0.00
37.70	0.00	4,071	192.44	0.00
37.80	0.00	4,071	192.44	0.00
37.90	0.00	4,070	192.44	0.00
38.00	0.00	4,070	192.44	0.00
38.10	0.00	4,069	192.44	0.00
38.20	0.00	4,069	192.44	0.00
38.30	0.00	4,068	192.44	0.00
38.40	0.00	4,068	192.44	0.00
38.50	0.00	4,067	192.44	0.00
38.60	0.00	4,067	192.44	0.00
38.70	0.00	4,066	192.44	0.00
38.80	0.00	4,066	192.44	0.00
38.90	0.00	4,065	192.44	0.00
39.00	0.00	4,065	192.44	0.00
39.10	0.00	4,065	192.44	0.00
39.20	0.00	4,064	192.44	0.00
39.30	0.00	4,064	192.44	0.00
39.40	0.00	4,063	192.44	0.00
39.50	0.00	4,063	192.44	0.00
39.60	0.00	4,062	192.44	0.00
39.70	0.00	4,062	192.44	0.00
39.80	0.00	4,061	192.44	0.00
39.90	0.00	4,061	192.44	0.00
40.00	0.00	4,061	192.44	0.00

Stage-Discharge for Pond B-36A: Basin #36A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.04
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.05
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.06
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.06
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.07
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.08
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.08
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.09
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.10
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.10
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.11
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.12
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.13
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.13
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.14
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.15
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.15
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.16
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.17
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.17
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.17
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.18
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.18
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.19
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.19
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.20
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.20
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.21
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.21
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.22
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.22
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.22
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.23
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.23
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.24
191.35	0.00	191.87	0.00	192.39	0.00	192.91	0.24
191.36	0.00	191.88	0.00	192.40	0.00	192.92	0.24
191.37	0.00	191.89	0.00	192.41	0.00	192.93	0.25
191.38	0.00	191.90	0.00	192.42	0.00	192.94	0.25
191.39	0.00	191.91	0.00	192.43	0.00	192.95	0.25
191.40	0.00	191.92	0.00	192.44	0.00	192.96	0.26
191.41	0.00	191.93	0.00	192.45	0.00	192.97	0.26
191.42	0.00	191.94	0.00	192.46	0.00	192.98	0.26
191.43	0.00	191.95	0.00	192.47	0.01	192.99	0.27
191.44	0.00	191.96	0.00	192.48	0.01	193.00	0.27
191.45	0.00	191.97	0.00	192.49	0.01	193.01	0.27
191.46	0.00	191.98	0.00	192.50	0.02	193.02	0.28
191.47	0.00	191.99	0.00	192.51	0.02	193.03	0.28
191.48	0.00	192.00	0.00	192.52	0.02	193.04	0.28
191.49	0.00	192.01	0.00	192.53	0.03	193.05	0.29
191.50	0.00	192.02	0.00	192.54	0.03	193.06	0.29
191.51	0.00	192.03	0.00	192.55	0.04	193.07	0.29

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.30	193.60	0.42	194.12	1.06	194.64	7.08
193.09	0.30	193.61	0.43	194.13	1.13	194.65	7.24
193.10	0.30	193.62	0.43	194.14	1.20	194.66	7.39
193.11	0.30	193.63	0.43	194.15	1.28	194.67	7.54
193.12	0.31	193.64	0.43	194.16	1.36	194.68	7.69
193.13	0.31	193.65	0.43	194.17	1.44	194.69	7.85
193.14	0.31	193.66	0.44	194.18	1.52	194.70	8.00
193.15	0.32	193.67	0.44	194.19	1.61	194.71	8.16
193.16	0.32	193.68	0.44	194.20	1.69	194.72	8.32
193.17	0.32	193.69	0.44	194.21	1.78	194.73	8.48
193.18	0.32	193.70	0.44	194.22	1.87	194.74	8.63
193.19	0.33	193.71	0.45	194.23	1.96	194.75	8.80
193.20	0.33	193.72	0.45	194.24	2.06	194.76	8.96
193.21	0.33	193.73	0.45	194.25	2.16	194.77	9.12
193.22	0.33	193.74	0.45	194.26	2.26	194.78	9.28
193.23	0.34	193.75	0.45	194.27	2.36	194.79	9.45
193.24	0.34	193.76	0.46	194.28	2.46	194.80	9.61
193.25	0.34	193.77	0.46	194.29	2.56	194.81	9.78
193.26	0.34	193.78	0.46	194.30	2.67	194.82	9.94
193.27	0.35	193.79	0.46	194.31	2.77	194.83	10.11
193.28	0.35	193.80	0.46	194.32	2.88	194.84	10.28
193.29	0.35	193.81	0.46	194.33	2.99	194.85	10.45
193.30	0.35	193.82	0.47	194.34	3.11	194.86	10.62
193.31	0.36	193.83	0.47	194.35	3.22	194.87	10.79
193.32	0.36	193.84	0.47	194.36	3.33	194.88	10.96
193.33	0.36	193.85	0.47	194.37	3.45	194.89	11.13
193.34	0.36	193.86	0.47	194.38	3.57	194.90	11.30
193.35	0.37	193.87	0.48	194.39	3.69	194.91	11.48
193.36	0.37	193.88	0.48	194.40	3.81	194.92	11.65
193.37	0.37	193.89	0.48	194.41	3.93	194.93	11.83
193.38	0.37	193.90	0.48	194.42	4.05	194.94	12.00
193.39	0.38	193.91	0.48	194.43	4.18	194.95	12.18
193.40	0.38	193.92	0.49	194.44	4.31	194.96	12.48
193.41	0.38	193.93	0.49	194.45	4.43	194.97	12.87
193.42	0.38	193.94	0.49	194.46	4.56	194.98	13.33
193.43	0.39	193.95	0.49	194.47	4.69	194.99	13.84
193.44	0.39	193.96	0.49	194.48	4.82	195.00	14.39
193.45	0.39	193.97	0.49	194.49	4.96	195.01	14.98
193.46	0.39	193.98	0.50	194.50	5.09	195.02	15.62
193.47	0.39	193.99	0.50	194.51	5.23	195.03	16.28
193.48	0.40	194.00	0.50	194.52	5.36	195.04	16.98
193.49	0.40	194.01	0.51	194.53	5.50	195.05	17.71
193.50	0.40	194.02	0.54	194.54	5.64	195.06	18.47
193.51	0.40	194.03	0.57	194.55	5.78	195.07	19.26
193.52	0.41	194.04	0.61	194.56	5.92	195.08	20.07
193.53	0.41	194.05	0.65	194.57	6.06	195.09	20.91
193.54	0.41	194.06	0.70	194.58	6.20	195.10	21.77
193.55	0.41	194.07	0.75	194.59	6.35	195.11	22.66
193.56	0.41	194.08	0.81	194.60	6.49	195.12	23.57
193.57	0.42	194.09	0.87	194.61	6.64	195.13	24.40
193.58	0.42	194.10	0.93	194.62	6.79	195.14	25.18
193.59	0.42	194.11	0.99	194.63	6.94	195.15	25.99

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

Stage-Area-Storage for Pond B-36A: Basin #36A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,366	0	191.52	2,693	1,315
191.01	2,372	24	191.53	2,699	1,342
191.02	2,379	47	191.54	2,706	1,369
191.03	2,385	71	191.55	2,712	1,396
191.04	2,391	95	191.56	2,718	1,424
191.05	2,397	119	191.57	2,725	1,451
191.06	2,404	143	191.58	2,731	1,478
191.07	2,410	167	191.59	2,737	1,505
191.08	2,416	191	191.60	2,743	1,533
191.09	2,423	215	191.61	2,750	1,560
191.10	2,429	240	191.62	2,756	1,588
191.11	2,435	264	191.63	2,762	1,615
191.12	2,441	288	191.64	2,769	1,643
191.13	2,448	313	191.65	2,775	1,671
191.14	2,454	337	191.66	2,781	1,699
191.15	2,460	362	191.67	2,787	1,726
191.16	2,467	387	191.68	2,794	1,754
191.17	2,473	411	191.69	2,800	1,782
191.18	2,479	436	191.70	2,806	1,810
191.19	2,486	461	191.71	2,813	1,838
191.20	2,492	486	191.72	2,819	1,867
191.21	2,498	511	191.73	2,825	1,895
191.22	2,504	536	191.74	2,831	1,923
191.23	2,511	561	191.75	2,838	1,951
191.24	2,517	586	191.76	2,844	1,980
191.25	2,523	611	191.77	2,850	2,008
191.26	2,530	636	191.78	2,857	2,037
191.27	2,536	662	191.79	2,863	2,065
191.28	2,542	687	191.80	2,869	2,094
191.29	2,548	713	191.81	2,875	2,123
191.30	2,555	738	191.82	2,882	2,152
191.31	2,561	764	191.83	2,888	2,180
191.32	2,567	789	191.84	2,894	2,209
191.33	2,574	815	191.85	2,901	2,238
191.34	2,580	841	191.86	2,907	2,267
191.35	2,586	867	191.87	2,913	2,296
191.36	2,592	893	191.88	2,920	2,326
191.37	2,599	918	191.89	2,926	2,355
191.38	2,605	944	191.90	2,932	2,384
191.39	2,611	971	191.91	2,938	2,413
191.40	2,618	997	191.92	2,945	2,443
191.41	2,624	1,023	191.93	2,951	2,472
191.42	2,630	1,049	191.94	2,957	2,502
191.43	2,636	1,076	191.95	2,964	2,532
191.44	2,643	1,102	191.96	2,970	2,561
191.45	2,649	1,128	191.97	2,976	2,591
191.46	2,655	1,155	191.98	2,982	2,621
191.47	2,662	1,181	191.99	2,989	2,651
191.48	2,668	1,208	192.00	2,995	2,681
191.49	2,674	1,235	192.01	3,002	2,710
191.50	2,681	1,262	192.02	3,009	2,741
191.51	2,687	1,288	192.03	3,016	2,771

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	3,022	2,801	192.56	3,379	4,465
192.05	3,029	2,831	192.57	3,386	4,499
192.06	3,036	2,861	192.58	3,393	4,533
192.07	3,043	2,892	192.59	3,400	4,567
192.08	3,050	2,922	192.60	3,407	4,601
192.09	3,057	2,953	192.61	3,413	4,635
192.10	3,064	2,983	192.62	3,420	4,669
192.11	3,070	3,014	192.63	3,427	4,703
192.12	3,077	3,045	192.64	3,434	4,738
192.13	3,084	3,076	192.65	3,441	4,772
192.14	3,091	3,107	192.66	3,448	4,807
192.15	3,098	3,137	192.67	3,455	4,841
192.16	3,105	3,168	192.68	3,461	4,876
192.17	3,112	3,200	192.69	3,468	4,910
192.18	3,118	3,231	192.70	3,475	4,945
192.19	3,125	3,262	192.71	3,482	4,980
192.20	3,132	3,293	192.72	3,489	5,015
192.21	3,139	3,325	192.73	3,496	5,050
192.22	3,146	3,356	192.74	3,503	5,085
192.23	3,153	3,387	192.75	3,510	5,120
192.24	3,160	3,419	192.76	3,516	5,155
192.25	3,167	3,451	192.77	3,523	5,190
192.26	3,173	3,482	192.78	3,530	5,225
192.27	3,180	3,514	192.79	3,537	5,261
192.28	3,187	3,546	192.80	3,544	5,296
192.29	3,194	3,578	192.81	3,551	5,331
192.30	3,201	3,610	192.82	3,558	5,367
192.31	3,208	3,642	192.83	3,564	5,403
192.32	3,215	3,674	192.84	3,571	5,438
192.33	3,221	3,706	192.85	3,578	5,474
192.34	3,228	3,738	192.86	3,585	5,510
192.35	3,235	3,771	192.87	3,592	5,546
192.36	3,242	3,803	192.88	3,599	5,582
192.37	3,249	3,836	192.89	3,606	5,618
192.38	3,256	3,868	192.90	3,612	5,654
192.39	3,263	3,901	192.91	3,619	5,690
192.40	3,269	3,933	192.92	3,626	5,726
192.41	3,276	3,966	192.93	3,633	5,763
192.42	3,283	3,999	192.94	3,640	5,799
192.43	3,290	4,032	192.95	3,647	5,835
192.44	3,297	4,065	192.96	3,654	5,872
192.45	3,304	4,098	192.97	3,660	5,908
192.46	3,311	4,131	192.98	3,667	5,945
192.47	3,317	4,164	192.99	3,674	5,982
192.48	3,324	4,197	193.00	3,681	6,019
192.49	3,331	4,230	193.01	3,688	6,055
192.50	3,338	4,264	193.02	3,696	6,092
192.51	3,345	4,297	193.03	3,703	6,129
192.52	3,352	4,331	193.04	3,711	6,166
192.53	3,359	4,364	193.05	3,718	6,203
192.54	3,365	4,398	193.06	3,726	6,241
192.55	3,372	4,432	193.07	3,733	6,278

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,740	6,315	193.60	4,127	8,361
193.09	3,748	6,353	193.61	4,134	8,402
193.10	3,755	6,390	193.62	4,142	8,444
193.11	3,763	6,428	193.63	4,149	8,485
193.12	3,770	6,466	193.64	4,157	8,527
193.13	3,778	6,503	193.65	4,164	8,568
193.14	3,785	6,541	193.66	4,171	8,610
193.15	3,792	6,579	193.67	4,179	8,652
193.16	3,800	6,617	193.68	4,186	8,693
193.17	3,807	6,655	193.69	4,194	8,735
193.18	3,815	6,693	193.70	4,201	8,777
193.19	3,822	6,731	193.71	4,209	8,819
193.20	3,830	6,770	193.72	4,216	8,861
193.21	3,837	6,808	193.73	4,223	8,904
193.22	3,844	6,846	193.74	4,231	8,946
193.23	3,852	6,885	193.75	4,238	8,988
193.24	3,859	6,923	193.76	4,246	9,031
193.25	3,867	6,962	193.77	4,253	9,073
193.26	3,874	7,001	193.78	4,261	9,116
193.27	3,882	7,039	193.79	4,268	9,158
193.28	3,889	7,078	193.80	4,275	9,201
193.29	3,896	7,117	193.81	4,283	9,244
193.30	3,904	7,156	193.82	4,290	9,287
193.31	3,911	7,195	193.83	4,298	9,330
193.32	3,919	7,234	193.84	4,305	9,373
193.33	3,926	7,274	193.85	4,313	9,416
193.34	3,934	7,313	193.86	4,320	9,459
193.35	3,941	7,352	193.87	4,327	9,502
193.36	3,948	7,392	193.88	4,335	9,545
193.37	3,956	7,431	193.89	4,342	9,589
193.38	3,963	7,471	193.90	4,350	9,632
193.39	3,971	7,511	193.91	4,357	9,676
193.40	3,978	7,550	193.92	4,365	9,719
193.41	3,986	7,590	193.93	4,372	9,763
193.42	3,993	7,630	193.94	4,379	9,807
193.43	4,000	7,670	193.95	4,387	9,851
193.44	4,008	7,710	193.96	4,394	9,895
193.45	4,015	7,750	193.97	4,402	9,939
193.46	4,023	7,790	193.98	4,409	9,983
193.47	4,030	7,831	193.99	4,417	10,027
193.48	4,038	7,871	194.00	4,424	10,071
193.49	4,045	7,911	194.01	4,432	10,115
193.50	4,053	7,952	194.02	4,440	10,160
193.51	4,060	7,992	194.03	4,448	10,204
193.52	4,067	8,033	194.04	4,456	10,249
193.53	4,075	8,074	194.05	4,464	10,293
193.54	4,082	8,115	194.06	4,472	10,338
193.55	4,090	8,155	194.07	4,480	10,383
193.56	4,097	8,196	194.08	4,488	10,427
193.57	4,105	8,237	194.09	4,496	10,472
193.58	4,112	8,278	194.10	4,504	10,517
193.59	4,119	8,320	194.11	4,512	10,562

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,520	10,608	194.64	4,935	13,066
194.13	4,528	10,653	194.65	4,943	13,115
194.14	4,536	10,698	194.66	4,951	13,165
194.15	4,544	10,744	194.67	4,959	13,214
194.16	4,552	10,789	194.68	4,967	13,264
194.17	4,560	10,835	194.69	4,975	13,314
194.18	4,568	10,880	194.70	4,983	13,364
194.19	4,576	10,926	194.71	4,991	13,413
194.20	4,584	10,972	194.72	4,999	13,463
194.21	4,592	11,018	194.73	5,007	13,513
194.22	4,600	11,064	194.74	5,015	13,564
194.23	4,608	11,110	194.75	5,023	13,614
194.24	4,616	11,156	194.76	5,031	13,664
194.25	4,624	11,202	194.77	5,039	13,714
194.26	4,632	11,248	194.78	5,047	13,765
194.27	4,640	11,295	194.79	5,055	13,815
194.28	4,648	11,341	194.80	5,063	13,866
194.29	4,656	11,388	194.81	5,071	13,917
194.30	4,664	11,434	194.82	5,079	13,967
194.31	4,672	11,481	194.83	5,087	14,018
194.32	4,680	11,528	194.84	5,095	14,069
194.33	4,688	11,574	194.85	5,103	14,120
194.34	4,696	11,621	194.86	5,111	14,171
194.35	4,704	11,668	194.87	5,119	14,222
194.36	4,712	11,715	194.88	5,127	14,273
194.37	4,720	11,763	194.89	5,135	14,325
194.38	4,728	11,810	194.90	5,143	14,376
194.39	4,736	11,857	194.91	5,151	14,428
194.40	4,744	11,905	194.92	5,159	14,479
194.41	4,752	11,952	194.93	5,167	14,531
194.42	4,760	12,000	194.94	5,175	14,583
194.43	4,768	12,047	194.95	5,183	14,634
194.44	4,776	12,095	194.96	5,191	14,686
194.45	4,784	12,143	194.97	5,199	14,738
194.46	4,792	12,191	194.98	5,207	14,790
194.47	4,800	12,239	194.99	5,215	14,842
194.48	4,808	12,287	195.00	5,223	14,895
194.49	4,816	12,335	195.01	5,240	14,947
194.50	4,824	12,383	195.02	5,257	14,999
194.51	4,831	12,431	195.03	5,274	15,052
194.52	4,839	12,480	195.04	5,290	15,105
194.53	4,847	12,528	195.05	5,307	15,158
194.54	4,855	12,576	195.06	5,324	15,211
194.55	4,863	12,625	195.07	5,341	15,264
194.56	4,871	12,674	195.08	5,358	15,318
194.57	4,879	12,722	195.09	5,375	15,371
194.58	4,887	12,771	195.10	5,391	15,425
194.59	4,895	12,820	195.11	5,408	15,479
194.60	4,903	12,869	195.12	5,425	15,533
194.61	4,911	12,918	195.13	5,442	15,588
194.62	4,919	12,967	195.14	5,459	15,642
194.63	4,927	13,017	195.15	5,476	15,697

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,492	15,752
195.17	5,509	15,807
195.18	5,526	15,862
195.19	5,543	15,917
195.20	5,560	15,973
195.21	5,577	16,028
195.22	5,593	16,084
195.23	5,610	16,140
195.24	5,627	16,197
195.25	5,644	16,253

Summary for Pond B-36B: Basin #36B

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 2.06" for Current 2 yr event
 Inflow = 5.09 cfs @ 12.17 hrs, Volume= 0.424 af
 Outflow = 2.42 cfs @ 12.36 hrs, Volume= 0.317 af, Atten= 52%, Lag= 10.9 min
 Primary = 2.42 cfs @ 12.36 hrs, Volume= 0.317 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.43' @ 12.36 hrs Surf.Area= 4,084 sf Storage= 7,506 cf

Plug-Flow detention time= 180.5 min calculated for 0.316 af (75% of inflow)
 Center-of-Mass det. time= 86.4 min (878.1 - 791.7)

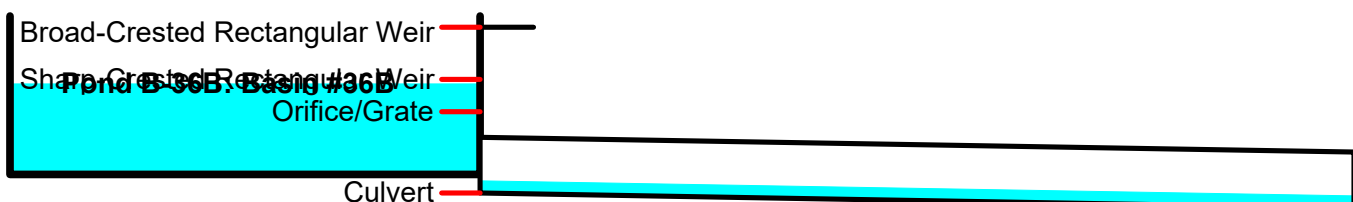
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,337 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,110	0	0
192.00	2,893	2,502	2,502
193.00	3,730	3,312	5,813
194.00	4,547	4,139	9,952
195.00	5,356	4,952	14,903
195.25	6,113	1,434	16,337

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.68'	36.0" W x 2.5" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.55'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

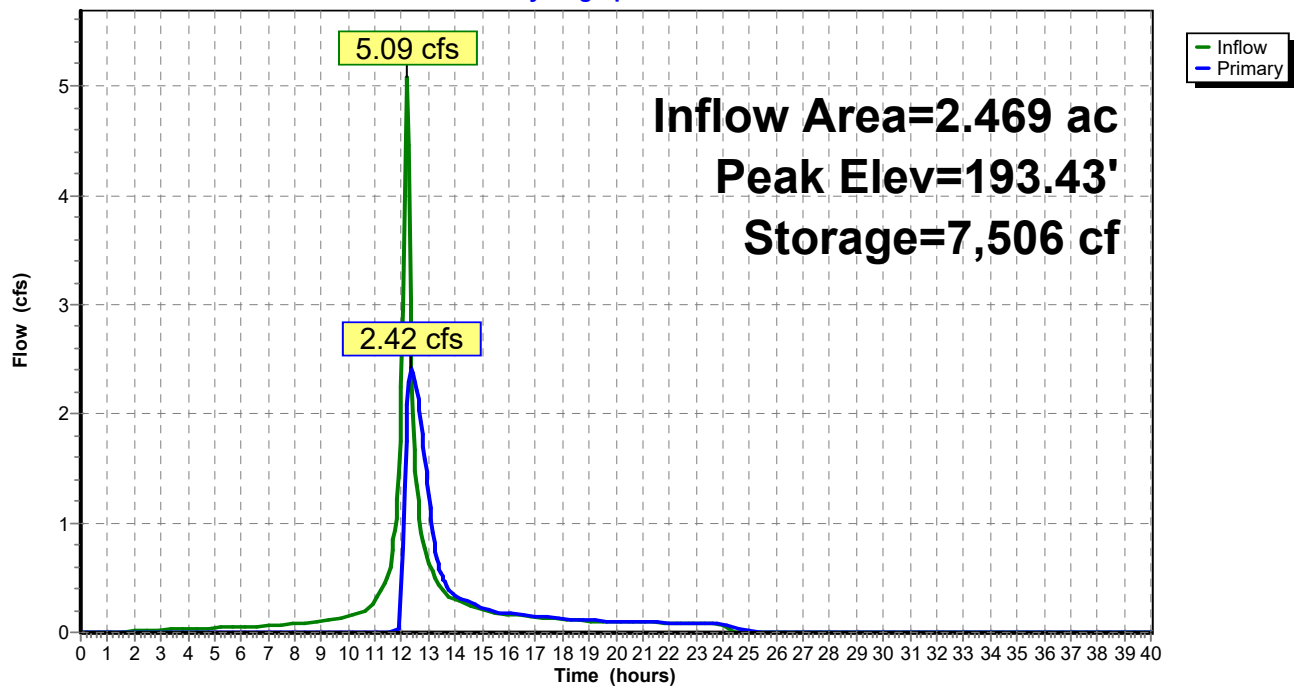
Primary OutFlow Max=2.42 cfs @ 12.36 hrs HW=193.43' (Free Discharge)

1=Culvert (Passes 2.42 cfs of 11.08 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.42 cfs @ 3.87 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



Hydrograph for Pond B-36B: Basin #36B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	0	191.00	0.00
1.30	0.00	0	191.00	0.00
1.40	0.00	1	191.00	0.00
1.50	0.00	2	191.00	0.00
1.60	0.01	3	191.00	0.00
1.70	0.01	5	191.00	0.00
1.80	0.01	8	191.00	0.00
1.90	0.01	11	191.01	0.00
2.00	0.01	15	191.01	0.00
2.10	0.01	19	191.01	0.00
2.20	0.01	24	191.01	0.00
2.30	0.01	29	191.01	0.00
2.40	0.02	34	191.02	0.00
2.50	0.02	40	191.02	0.00
2.60	0.02	46	191.02	0.00
2.70	0.02	53	191.02	0.00
2.80	0.02	60	191.03	0.00
2.90	0.02	68	191.03	0.00
3.00	0.02	76	191.04	0.00
3.10	0.02	84	191.04	0.00
3.20	0.02	93	191.04	0.00
3.30	0.03	102	191.05	0.00
3.40	0.03	111	191.05	0.00
3.50	0.03	121	191.06	0.00
3.60	0.03	131	191.06	0.00
3.70	0.03	142	191.07	0.00
3.80	0.03	153	191.07	0.00
3.90	0.03	164	191.08	0.00
4.00	0.03	175	191.08	0.00
4.10	0.03	187	191.09	0.00
4.20	0.03	199	191.09	0.00
4.30	0.03	211	191.10	0.00
4.40	0.04	224	191.10	0.00
4.50	0.04	237	191.11	0.00
4.60	0.04	250	191.12	0.00
4.70	0.04	264	191.12	0.00
4.80	0.04	278	191.13	0.00
4.90	0.04	292	191.13	0.00
5.00	0.04	306	191.14	0.00
5.10	0.04	321	191.15	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	336	191.15	0.00
5.30	0.04	351	191.16	0.00
5.40	0.04	366	191.17	0.00
5.50	0.04	382	191.18	0.00
5.60	0.04	398	191.18	0.00
5.70	0.05	414	191.19	0.00
5.80	0.05	431	191.20	0.00
5.90	0.05	447	191.20	0.00
6.00	0.05	464	191.21	0.00
6.10	0.05	482	191.22	0.00
6.20	0.05	499	191.23	0.00
6.30	0.05	517	191.23	0.00
6.40	0.05	536	191.24	0.00
6.50	0.05	555	191.25	0.00
6.60	0.06	575	191.26	0.00
6.70	0.06	596	191.27	0.00
6.80	0.06	617	191.28	0.00
6.90	0.06	638	191.29	0.00
7.00	0.06	661	191.30	0.00
7.10	0.06	683	191.31	0.00
7.20	0.07	707	191.32	0.00
7.30	0.07	731	191.33	0.00
7.40	0.07	755	191.34	0.00
7.50	0.07	781	191.35	0.00
7.60	0.07	806	191.36	0.00
7.70	0.07	833	191.37	0.00
7.80	0.08	860	191.38	0.00
7.90	0.08	887	191.39	0.00
8.00	0.08	916	191.40	0.00
8.10	0.08	944	191.42	0.00
8.20	0.08	974	191.43	0.00
8.30	0.08	1,004	191.44	0.00
8.40	0.09	1,035	191.45	0.00
8.50	0.09	1,066	191.46	0.00
8.60	0.09	1,098	191.48	0.00
8.70	0.09	1,130	191.49	0.00
8.80	0.09	1,163	191.50	0.00
8.90	0.09	1,197	191.52	0.00
9.00	0.10	1,231	191.53	0.00
9.10	0.10	1,266	191.55	0.00
9.20	0.10	1,303	191.56	0.00
9.30	0.11	1,341	191.57	0.00
9.40	0.11	1,381	191.59	0.00
9.50	0.12	1,424	191.61	0.00
9.60	0.13	1,468	191.62	0.00
9.70	0.13	1,514	191.64	0.00
9.80	0.14	1,563	191.66	0.00
9.90	0.14	1,613	191.68	0.00
10.00	0.15	1,666	191.70	0.00
10.10	0.15	1,721	191.72	0.00
10.20	0.16	1,777	191.74	0.00
10.30	0.17	1,836	191.76	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,897	191.78	0.00
10.50	0.18	1,961	191.81	0.00
10.60	0.19	2,026	191.83	0.00
10.70	0.21	2,097	191.86	0.00
10.80	0.23	2,176	191.89	0.00
10.90	0.26	2,263	191.92	0.00
11.00	0.28	2,360	191.95	0.00
11.10	0.31	2,467	191.99	0.00
11.20	0.36	2,588	192.03	0.00
11.30	0.41	2,726	192.08	0.00
11.40	0.46	2,883	192.13	0.00
11.50	0.52	3,060	192.19	0.00
11.60	0.63	3,263	192.25	0.00
11.70	0.85	3,531	192.34	0.00
11.80	1.05	3,868	192.44	0.00
11.90	1.44	4,310	192.58	0.00
12.00	2.25	4,939	192.76	0.22
12.10	3.96	5,751	192.98	1.32
12.20	4.94	6,826	193.26	2.08
12.30	3.05	7,447	193.42	2.39
12.40	1.99	7,468	193.42	2.40
12.50	1.47	7,234	193.37	2.29
12.60	1.20	6,921	193.29	2.13
12.70	0.91	6,566	193.20	1.93
12.80	0.79	6,217	193.11	1.70
12.90	0.71	5,916	193.03	1.47
13.00	0.64	5,671	192.96	1.25
13.10	0.58	5,482	192.91	1.03
13.20	0.52	5,348	192.87	0.82
13.30	0.48	5,260	192.85	0.67
13.40	0.44	5,200	192.83	0.58
13.50	0.40	5,157	192.82	0.51
13.60	0.37	5,121	192.81	0.46
13.70	0.34	5,090	192.80	0.41
13.80	0.32	5,066	192.79	0.38
13.90	0.31	5,048	192.79	0.35
14.00	0.30	5,034	192.79	0.33
14.10	0.29	5,024	192.78	0.32
14.20	0.28	5,014	192.78	0.31
14.30	0.27	5,005	192.78	0.30
14.40	0.26	4,996	192.78	0.29
14.50	0.25	4,987	192.77	0.28
14.60	0.24	4,979	192.77	0.27
14.70	0.23	4,971	192.77	0.26
14.80	0.22	4,962	192.77	0.25
14.90	0.22	4,954	192.76	0.24
15.00	0.21	4,946	192.76	0.23
15.10	0.20	4,938	192.76	0.22
15.20	0.19	4,930	192.76	0.21
15.30	0.18	4,923	192.75	0.20
15.40	0.18	4,917	192.75	0.19
15.50	0.18	4,913	192.75	0.19

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	4,909	192.75	0.18
15.70	0.17	4,906	192.75	0.18
15.80	0.17	4,903	192.75	0.18
15.90	0.17	4,901	192.75	0.17
16.00	0.17	4,899	192.75	0.17
16.10	0.16	4,896	192.75	0.17
16.20	0.16	4,894	192.75	0.17
16.30	0.16	4,892	192.75	0.16
16.40	0.16	4,890	192.75	0.16
16.50	0.15	4,887	192.74	0.16
16.60	0.15	4,885	192.74	0.16
16.70	0.15	4,883	192.74	0.15
16.80	0.15	4,881	192.74	0.15
16.90	0.14	4,879	192.74	0.15
17.00	0.14	4,876	192.74	0.15
17.10	0.14	4,874	192.74	0.14
17.20	0.13	4,871	192.74	0.14
17.30	0.13	4,868	192.74	0.14
17.40	0.13	4,865	192.74	0.14
17.50	0.13	4,862	192.74	0.14
17.60	0.12	4,859	192.74	0.13
17.70	0.12	4,856	192.74	0.13
17.80	0.12	4,853	192.73	0.13
17.90	0.12	4,850	192.73	0.13
18.00	0.11	4,847	192.73	0.12
18.10	0.11	4,844	192.73	0.12
18.20	0.11	4,840	192.73	0.12
18.30	0.11	4,838	192.73	0.12
18.40	0.11	4,835	192.73	0.11
18.50	0.11	4,833	192.73	0.11
18.60	0.11	4,832	192.73	0.11
18.70	0.11	4,830	192.73	0.11
18.80	0.10	4,829	192.73	0.11
18.90	0.10	4,828	192.73	0.11
19.00	0.10	4,827	192.73	0.11
19.10	0.10	4,826	192.73	0.11
19.20	0.10	4,825	192.73	0.10
19.30	0.10	4,824	192.73	0.10
19.40	0.10	4,823	192.73	0.10
19.50	0.10	4,823	192.73	0.10
19.60	0.10	4,822	192.73	0.10
19.70	0.10	4,821	192.73	0.10
19.80	0.10	4,820	192.73	0.10
19.90	0.10	4,819	192.73	0.10
20.00	0.10	4,819	192.72	0.10
20.10	0.10	4,818	192.72	0.10
20.20	0.10	4,817	192.72	0.10
20.30	0.10	4,816	192.72	0.10
20.40	0.09	4,816	192.72	0.10
20.50	0.09	4,815	192.72	0.10
20.60	0.09	4,814	192.72	0.10
20.70	0.09	4,813	192.72	0.09

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	4,813	192.72	0.09
20.90	0.09	4,812	192.72	0.09
21.00	0.09	4,811	192.72	0.09
21.10	0.09	4,810	192.72	0.09
21.20	0.09	4,809	192.72	0.09
21.30	0.09	4,808	192.72	0.09
21.40	0.09	4,808	192.72	0.09
21.50	0.09	4,807	192.72	0.09
21.60	0.09	4,806	192.72	0.09
21.70	0.09	4,805	192.72	0.09
21.80	0.09	4,805	192.72	0.09
21.90	0.09	4,804	192.72	0.09
22.00	0.08	4,803	192.72	0.09
22.10	0.08	4,802	192.72	0.09
22.20	0.08	4,801	192.72	0.09
22.30	0.08	4,801	192.72	0.08
22.40	0.08	4,800	192.72	0.08
22.50	0.08	4,799	192.72	0.08
22.60	0.08	4,798	192.72	0.08
22.70	0.08	4,798	192.72	0.08
22.80	0.08	4,797	192.72	0.08
22.90	0.08	4,796	192.72	0.08
23.00	0.08	4,795	192.72	0.08
23.10	0.08	4,794	192.72	0.08
23.20	0.08	4,794	192.72	0.08
23.30	0.08	4,793	192.72	0.08
23.40	0.08	4,792	192.72	0.08
23.50	0.07	4,791	192.72	0.08
23.60	0.07	4,790	192.72	0.08
23.70	0.07	4,790	192.72	0.08
23.80	0.07	4,789	192.72	0.07
23.90	0.07	4,788	192.72	0.07
24.00	0.08	4,788	192.72	0.07
24.10	0.06	4,788	192.72	0.07
24.20	0.02	4,777	192.71	0.06
24.30	0.00	4,759	192.71	0.05
24.40	0.00	4,744	192.70	0.04
24.50	0.00	4,733	192.70	0.03
24.60	0.00	4,723	192.70	0.02
24.70	0.00	4,715	192.70	0.02
24.80	0.00	4,708	192.69	0.02
24.90	0.00	4,702	192.69	0.02
25.00	0.00	4,697	192.69	0.01
25.10	0.00	4,692	192.69	0.01
25.20	0.00	4,688	192.69	0.01
25.30	0.00	4,685	192.69	0.01
25.40	0.00	4,682	192.69	0.01
25.50	0.00	4,679	192.68	0.01
25.60	0.00	4,677	192.68	0.01
25.70	0.00	4,675	192.68	0.01
25.80	0.00	4,673	192.68	0.00
25.90	0.00	4,672	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,671	192.68	0.00
26.10	0.00	4,670	192.68	0.00
26.20	0.00	4,669	192.68	0.00
26.30	0.00	4,668	192.68	0.00
26.40	0.00	4,667	192.68	0.00
26.50	0.00	4,666	192.68	0.00
26.60	0.00	4,666	192.68	0.00
26.70	0.00	4,665	192.68	0.00
26.80	0.00	4,665	192.68	0.00
26.90	0.00	4,665	192.68	0.00
27.00	0.00	4,664	192.68	0.00
27.10	0.00	4,664	192.68	0.00
27.20	0.00	4,664	192.68	0.00
27.30	0.00	4,664	192.68	0.00
27.40	0.00	4,663	192.68	0.00
27.50	0.00	4,663	192.68	0.00
27.60	0.00	4,663	192.68	0.00
27.70	0.00	4,663	192.68	0.00
27.80	0.00	4,663	192.68	0.00
27.90	0.00	4,663	192.68	0.00
28.00	0.00	4,663	192.68	0.00
28.10	0.00	4,663	192.68	0.00
28.20	0.00	4,663	192.68	0.00
28.30	0.00	4,663	192.68	0.00
28.40	0.00	4,663	192.68	0.00
28.50	0.00	4,663	192.68	0.00
28.60	0.00	4,662	192.68	0.00
28.70	0.00	4,662	192.68	0.00
28.80	0.00	4,662	192.68	0.00
28.90	0.00	4,662	192.68	0.00
29.00	0.00	4,662	192.68	0.00
29.10	0.00	4,662	192.68	0.00
29.20	0.00	4,662	192.68	0.00
29.30	0.00	4,662	192.68	0.00
29.40	0.00	4,662	192.68	0.00
29.50	0.00	4,662	192.68	0.00
29.60	0.00	4,662	192.68	0.00
29.70	0.00	4,662	192.68	0.00
29.80	0.00	4,662	192.68	0.00
29.90	0.00	4,662	192.68	0.00
30.00	0.00	4,662	192.68	0.00
30.10	0.00	4,662	192.68	0.00
30.20	0.00	4,662	192.68	0.00
30.30	0.00	4,662	192.68	0.00
30.40	0.00	4,662	192.68	0.00
30.50	0.00	4,662	192.68	0.00
30.60	0.00	4,662	192.68	0.00
30.70	0.00	4,662	192.68	0.00
30.80	0.00	4,662	192.68	0.00
30.90	0.00	4,662	192.68	0.00
31.00	0.00	4,662	192.68	0.00
31.10	0.00	4,662	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,662	192.68	0.00
31.30	0.00	4,662	192.68	0.00
31.40	0.00	4,662	192.68	0.00
31.50	0.00	4,662	192.68	0.00
31.60	0.00	4,662	192.68	0.00
31.70	0.00	4,662	192.68	0.00
31.80	0.00	4,662	192.68	0.00
31.90	0.00	4,662	192.68	0.00
32.00	0.00	4,662	192.68	0.00
32.10	0.00	4,662	192.68	0.00
32.20	0.00	4,662	192.68	0.00
32.30	0.00	4,662	192.68	0.00
32.40	0.00	4,662	192.68	0.00
32.50	0.00	4,662	192.68	0.00
32.60	0.00	4,662	192.68	0.00
32.70	0.00	4,662	192.68	0.00
32.80	0.00	4,662	192.68	0.00
32.90	0.00	4,662	192.68	0.00
33.00	0.00	4,662	192.68	0.00
33.10	0.00	4,662	192.68	0.00
33.20	0.00	4,662	192.68	0.00
33.30	0.00	4,662	192.68	0.00
33.40	0.00	4,662	192.68	0.00
33.50	0.00	4,662	192.68	0.00
33.60	0.00	4,662	192.68	0.00
33.70	0.00	4,662	192.68	0.00
33.80	0.00	4,662	192.68	0.00
33.90	0.00	4,662	192.68	0.00
34.00	0.00	4,662	192.68	0.00
34.10	0.00	4,662	192.68	0.00
34.20	0.00	4,662	192.68	0.00
34.30	0.00	4,662	192.68	0.00
34.40	0.00	4,662	192.68	0.00
34.50	0.00	4,662	192.68	0.00
34.60	0.00	4,662	192.68	0.00
34.70	0.00	4,662	192.68	0.00
34.80	0.00	4,662	192.68	0.00
34.90	0.00	4,662	192.68	0.00
35.00	0.00	4,662	192.68	0.00
35.10	0.00	4,662	192.68	0.00
35.20	0.00	4,662	192.68	0.00
35.30	0.00	4,662	192.68	0.00
35.40	0.00	4,662	192.68	0.00
35.50	0.00	4,662	192.68	0.00
35.60	0.00	4,662	192.68	0.00
35.70	0.00	4,662	192.68	0.00
35.80	0.00	4,662	192.68	0.00
35.90	0.00	4,662	192.68	0.00
36.00	0.00	4,662	192.68	0.00
36.10	0.00	4,662	192.68	0.00
36.20	0.00	4,662	192.68	0.00
36.30	0.00	4,662	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,662	192.68	0.00
36.50	0.00	4,662	192.68	0.00
36.60	0.00	4,662	192.68	0.00
36.70	0.00	4,662	192.68	0.00
36.80	0.00	4,662	192.68	0.00
36.90	0.00	4,662	192.68	0.00
37.00	0.00	4,662	192.68	0.00
37.10	0.00	4,662	192.68	0.00
37.20	0.00	4,662	192.68	0.00
37.30	0.00	4,662	192.68	0.00
37.40	0.00	4,662	192.68	0.00
37.50	0.00	4,662	192.68	0.00
37.60	0.00	4,662	192.68	0.00
37.70	0.00	4,662	192.68	0.00
37.80	0.00	4,662	192.68	0.00
37.90	0.00	4,662	192.68	0.00
38.00	0.00	4,662	192.68	0.00
38.10	0.00	4,662	192.68	0.00
38.20	0.00	4,662	192.68	0.00
38.30	0.00	4,662	192.68	0.00
38.40	0.00	4,662	192.68	0.00
38.50	0.00	4,662	192.68	0.00
38.60	0.00	4,662	192.68	0.00
38.70	0.00	4,662	192.68	0.00
38.80	0.00	4,662	192.68	0.00
38.90	0.00	4,662	192.68	0.00
39.00	0.00	4,662	192.68	0.00
39.10	0.00	4,662	192.68	0.00
39.20	0.00	4,662	192.68	0.00
39.30	0.00	4,662	192.68	0.00
39.40	0.00	4,662	192.68	0.00
39.50	0.00	4,662	192.68	0.00
39.60	0.00	4,662	192.68	0.00
39.70	0.00	4,662	192.68	0.00
39.80	0.00	4,662	192.68	0.00
39.90	0.00	4,662	192.68	0.00
40.00	0.00	4,662	192.68	0.00

Stage-Discharge for Pond B-36B: Basin #36B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.00
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.00
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.00
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.00
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.00
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.00
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.00
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.00
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.00
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.00
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.00
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.00
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.00
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.01
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.03
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.05
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.08
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.11
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.14
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.18
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.22
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.26
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.30
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.35
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.40
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.45
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.50
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.56
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.62
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.67
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.74
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.80
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.86
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.93
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.98
191.35	0.00	191.87	0.00	192.39	0.00	192.91	1.03
191.36	0.00	191.88	0.00	192.40	0.00	192.92	1.08
191.37	0.00	191.89	0.00	192.41	0.00	192.93	1.12
191.38	0.00	191.90	0.00	192.42	0.00	192.94	1.16
191.39	0.00	191.91	0.00	192.43	0.00	192.95	1.20
191.40	0.00	191.92	0.00	192.44	0.00	192.96	1.24
191.41	0.00	191.93	0.00	192.45	0.00	192.97	1.28
191.42	0.00	191.94	0.00	192.46	0.00	192.98	1.32
191.43	0.00	191.95	0.00	192.47	0.00	192.99	1.35
191.44	0.00	191.96	0.00	192.48	0.00	193.00	1.38
191.45	0.00	191.97	0.00	192.49	0.00	193.01	1.42
191.46	0.00	191.98	0.00	192.50	0.00	193.02	1.45
191.47	0.00	191.99	0.00	192.51	0.00	193.03	1.48
191.48	0.00	192.00	0.00	192.52	0.00	193.04	1.51
191.49	0.00	192.01	0.00	192.53	0.00	193.05	1.54
191.50	0.00	192.02	0.00	192.54	0.00	193.06	1.57
191.51	0.00	192.03	0.00	192.55	0.00	193.07	1.60

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.63	193.60	2.86	194.12	8.95	194.64	14.28
193.09	1.66	193.61	2.92	194.13	9.10	194.65	14.30
193.10	1.68	193.62	2.99	194.14	9.26	194.66	14.32
193.11	1.71	193.63	3.06	194.15	9.41	194.67	14.35
193.12	1.74	193.64	3.13	194.16	9.57	194.68	14.37
193.13	1.76	193.65	3.21	194.17	9.73	194.69	14.39
193.14	1.79	193.66	3.29	194.18	9.89	194.70	14.42
193.15	1.81	193.67	3.37	194.19	10.05	194.71	14.44
193.16	1.84	193.68	3.46	194.20	10.21	194.72	14.46
193.17	1.86	193.69	3.54	194.21	10.37	194.73	14.49
193.18	1.89	193.70	3.63	194.22	10.54	194.74	14.51
193.19	1.91	193.71	3.72	194.23	10.70	194.75	14.53
193.20	1.94	193.72	3.82	194.24	10.87	194.76	14.56
193.21	1.96	193.73	3.92	194.25	11.04	194.77	14.58
193.22	1.98	193.74	4.01	194.26	11.20	194.78	14.60
193.23	2.00	193.75	4.11	194.27	11.37	194.79	14.62
193.24	2.03	193.76	4.22	194.28	11.54	194.80	14.65
193.25	2.05	193.77	4.32	194.29	11.71	194.81	14.67
193.26	2.07	193.78	4.43	194.30	11.88	194.82	14.69
193.27	2.09	193.79	4.54	194.31	12.05	194.83	14.72
193.28	2.12	193.80	4.65	194.32	12.23	194.84	14.74
193.29	2.14	193.81	4.76	194.33	12.40	194.85	14.76
193.30	2.16	193.82	4.87	194.34	12.57	194.86	14.78
193.31	2.18	193.83	4.99	194.35	12.75	194.87	14.81
193.32	2.20	193.84	5.10	194.36	12.93	194.88	14.83
193.33	2.22	193.85	5.22	194.37	13.10	194.89	14.85
193.34	2.24	193.86	5.34	194.38	13.28	194.90	14.87
193.35	2.26	193.87	5.46	194.39	13.46	194.91	14.90
193.36	2.28	193.88	5.59	194.40	13.64	194.92	14.92
193.37	2.30	193.89	5.71	194.41	13.73	194.93	14.94
193.38	2.32	193.90	5.84	194.42	13.75	194.94	14.96
193.39	2.34	193.91	5.97	194.43	13.77	194.95	14.99
193.40	2.36	193.92	6.10	194.44	13.80	194.96	15.13
193.41	2.38	193.93	6.23	194.45	13.82	194.97	15.36
193.42	2.40	193.94	6.36	194.46	13.85	194.98	15.66
193.43	2.42	193.95	6.49	194.47	13.87	194.99	16.01
193.44	2.43	193.96	6.63	194.48	13.90	195.00	16.41
193.45	2.45	193.97	6.76	194.49	13.92	195.01	16.84
193.46	2.47	193.98	6.90	194.50	13.94	195.02	17.32
193.47	2.49	193.99	7.04	194.51	13.97	195.03	17.82
193.48	2.51	194.00	7.18	194.52	13.99	195.04	18.36
193.49	2.53	194.01	7.32	194.53	14.02	195.05	18.93
193.50	2.54	194.02	7.46	194.54	14.04	195.06	19.52
193.51	2.56	194.03	7.60	194.55	14.06	195.07	20.14
193.52	2.58	194.04	7.75	194.56	14.09	195.08	20.79
193.53	2.60	194.05	7.89	194.57	14.11	195.09	21.47
193.54	2.61	194.06	8.04	194.58	14.13	195.10	22.16
193.55	2.63	194.07	8.19	194.59	14.16	195.11	22.89
193.56	2.66	194.08	8.34	194.60	14.18	195.12	23.63
193.57	2.70	194.09	8.49	194.61	14.21	195.13	24.40
193.58	2.75	194.10	8.64	194.62	14.23	195.14	25.18
193.59	2.80	194.11	8.79	194.63	14.25	195.15	25.99

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

Stage-Area-Storage for Pond B-36B: Basin #36B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,110	0	191.52	2,517	1,203
191.01	2,118	21	191.53	2,525	1,228
191.02	2,126	42	191.54	2,533	1,254
191.03	2,133	64	191.55	2,541	1,279
191.04	2,141	85	191.56	2,548	1,304
191.05	2,149	106	191.57	2,556	1,330
191.06	2,157	128	191.58	2,564	1,356
191.07	2,165	150	191.59	2,572	1,381
191.08	2,173	171	191.60	2,580	1,407
191.09	2,180	193	191.61	2,588	1,433
191.10	2,188	215	191.62	2,595	1,459
191.11	2,196	237	191.63	2,603	1,485
191.12	2,204	259	191.64	2,611	1,511
191.13	2,212	281	191.65	2,619	1,537
191.14	2,220	303	191.66	2,627	1,563
191.15	2,227	325	191.67	2,635	1,589
191.16	2,235	348	191.68	2,642	1,616
191.17	2,243	370	191.69	2,650	1,642
191.18	2,251	392	191.70	2,658	1,669
191.19	2,259	415	191.71	2,666	1,695
191.20	2,267	438	191.72	2,674	1,722
191.21	2,274	460	191.73	2,682	1,749
191.22	2,282	483	191.74	2,689	1,776
191.23	2,290	506	191.75	2,697	1,803
191.24	2,298	529	191.76	2,705	1,830
191.25	2,306	552	191.77	2,713	1,857
191.26	2,314	575	191.78	2,721	1,884
191.27	2,321	598	191.79	2,729	1,911
191.28	2,329	621	191.80	2,736	1,939
191.29	2,337	645	191.81	2,744	1,966
191.30	2,345	668	191.82	2,752	1,993
191.31	2,353	692	191.83	2,760	2,021
191.32	2,361	715	191.84	2,768	2,049
191.33	2,368	739	191.85	2,776	2,076
191.34	2,376	763	191.86	2,783	2,104
191.35	2,384	786	191.87	2,791	2,132
191.36	2,392	810	191.88	2,799	2,160
191.37	2,400	834	191.89	2,807	2,188
191.38	2,408	858	191.90	2,815	2,216
191.39	2,415	882	191.91	2,823	2,244
191.40	2,423	907	191.92	2,830	2,273
191.41	2,431	931	191.93	2,838	2,301
191.42	2,439	955	191.94	2,846	2,329
191.43	2,447	980	191.95	2,854	2,358
191.44	2,455	1,004	191.96	2,862	2,386
191.45	2,462	1,029	191.97	2,870	2,415
191.46	2,470	1,053	191.98	2,877	2,444
191.47	2,478	1,078	191.99	2,885	2,473
191.48	2,486	1,103	192.00	2,893	2,502
191.49	2,494	1,128	192.01	2,901	2,530
191.50	2,502	1,153	192.02	2,910	2,560
191.51	2,509	1,178	192.03	2,918	2,589

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	2,926	2,618	192.56	3,362	4,253
192.05	2,935	2,647	192.57	3,370	4,286
192.06	2,943	2,677	192.58	3,378	4,320
192.07	2,952	2,706	192.59	3,387	4,354
192.08	2,960	2,736	192.60	3,395	4,388
192.09	2,968	2,765	192.61	3,404	4,422
192.10	2,977	2,795	192.62	3,412	4,456
192.11	2,985	2,825	192.63	3,420	4,490
192.12	2,993	2,855	192.64	3,429	4,524
192.13	3,002	2,885	192.65	3,437	4,559
192.14	3,010	2,915	192.66	3,445	4,593
192.15	3,019	2,945	192.67	3,454	4,628
192.16	3,027	2,975	192.68	3,462	4,662
192.17	3,035	3,005	192.69	3,471	4,697
192.18	3,044	3,036	192.70	3,479	4,732
192.19	3,052	3,066	192.71	3,487	4,766
192.20	3,060	3,097	192.72	3,496	4,801
192.21	3,069	3,127	192.73	3,504	4,836
192.22	3,077	3,158	192.74	3,512	4,871
192.23	3,086	3,189	192.75	3,521	4,907
192.24	3,094	3,220	192.76	3,529	4,942
192.25	3,102	3,251	192.77	3,537	4,977
192.26	3,111	3,282	192.78	3,546	5,013
192.27	3,119	3,313	192.79	3,554	5,048
192.28	3,127	3,344	192.80	3,563	5,084
192.29	3,136	3,376	192.81	3,571	5,119
192.30	3,144	3,407	192.82	3,579	5,155
192.31	3,152	3,439	192.83	3,588	5,191
192.32	3,161	3,470	192.84	3,596	5,227
192.33	3,169	3,502	192.85	3,604	5,263
192.34	3,178	3,533	192.86	3,613	5,299
192.35	3,186	3,565	192.87	3,621	5,335
192.36	3,194	3,597	192.88	3,630	5,371
192.37	3,203	3,629	192.89	3,638	5,408
192.38	3,211	3,661	192.90	3,646	5,444
192.39	3,219	3,693	192.91	3,655	5,481
192.40	3,228	3,726	192.92	3,663	5,517
192.41	3,236	3,758	192.93	3,671	5,554
192.42	3,245	3,790	192.94	3,680	5,591
192.43	3,253	3,823	192.95	3,688	5,628
192.44	3,261	3,855	192.96	3,697	5,664
192.45	3,270	3,888	192.97	3,705	5,701
192.46	3,278	3,921	192.98	3,713	5,739
192.47	3,286	3,954	192.99	3,722	5,776
192.48	3,295	3,987	193.00	3,730	5,813
192.49	3,303	4,020	193.01	3,738	5,850
192.50	3,312	4,053	193.02	3,746	5,888
192.51	3,320	4,086	193.03	3,755	5,925
192.52	3,328	4,119	193.04	3,763	5,963
192.53	3,337	4,152	193.05	3,771	6,001
192.54	3,345	4,186	193.06	3,779	6,038
192.55	3,353	4,219	193.07	3,787	6,076

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,795	6,114	193.60	4,220	8,198
193.09	3,804	6,152	193.61	4,228	8,240
193.10	3,812	6,190	193.62	4,237	8,283
193.11	3,820	6,228	193.63	4,245	8,325
193.12	3,828	6,266	193.64	4,253	8,368
193.13	3,836	6,305	193.65	4,261	8,410
193.14	3,844	6,343	193.66	4,269	8,453
193.15	3,853	6,382	193.67	4,277	8,495
193.16	3,861	6,420	193.68	4,286	8,538
193.17	3,869	6,459	193.69	4,294	8,581
193.18	3,877	6,498	193.70	4,302	8,624
193.19	3,885	6,536	193.71	4,310	8,667
193.20	3,893	6,575	193.72	4,318	8,710
193.21	3,902	6,614	193.73	4,326	8,754
193.22	3,910	6,653	193.74	4,335	8,797
193.23	3,918	6,693	193.75	4,343	8,840
193.24	3,926	6,732	193.76	4,351	8,884
193.25	3,934	6,771	193.77	4,359	8,927
193.26	3,942	6,810	193.78	4,367	8,971
193.27	3,951	6,850	193.79	4,375	9,015
193.28	3,959	6,889	193.80	4,384	9,058
193.29	3,967	6,929	193.81	4,392	9,102
193.30	3,975	6,969	193.82	4,400	9,146
193.31	3,983	7,009	193.83	4,408	9,190
193.32	3,991	7,048	193.84	4,416	9,234
193.33	4,000	7,088	193.85	4,424	9,279
193.34	4,008	7,128	193.86	4,433	9,323
193.35	4,016	7,169	193.87	4,441	9,367
193.36	4,024	7,209	193.88	4,449	9,412
193.37	4,032	7,249	193.89	4,457	9,456
193.38	4,040	7,289	193.90	4,465	9,501
193.39	4,049	7,330	193.91	4,473	9,546
193.40	4,057	7,370	193.92	4,482	9,590
193.41	4,065	7,411	193.93	4,490	9,635
193.42	4,073	7,452	193.94	4,498	9,680
193.43	4,081	7,492	193.95	4,506	9,725
193.44	4,089	7,533	193.96	4,514	9,770
193.45	4,098	7,574	193.97	4,522	9,815
193.46	4,106	7,615	193.98	4,531	9,861
193.47	4,114	7,656	193.99	4,539	9,906
193.48	4,122	7,698	194.00	4,547	9,952
193.49	4,130	7,739	194.01	4,555	9,997
193.50	4,139	7,780	194.02	4,563	10,043
193.51	4,147	7,822	194.03	4,571	10,088
193.52	4,155	7,863	194.04	4,579	10,134
193.53	4,163	7,905	194.05	4,587	10,180
193.54	4,171	7,946	194.06	4,596	10,226
193.55	4,179	7,988	194.07	4,604	10,272
193.56	4,188	8,030	194.08	4,612	10,318
193.57	4,196	8,072	194.09	4,620	10,364
193.58	4,204	8,114	194.10	4,628	10,410
193.59	4,212	8,156	194.11	4,636	10,457

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,644	10,503	194.64	5,065	13,027
194.13	4,652	10,549	194.65	5,073	13,078
194.14	4,660	10,596	194.66	5,081	13,129
194.15	4,668	10,643	194.67	5,089	13,180
194.16	4,676	10,689	194.68	5,097	13,231
194.17	4,685	10,736	194.69	5,105	13,282
194.18	4,693	10,783	194.70	5,113	13,333
194.19	4,701	10,830	194.71	5,121	13,384
194.20	4,709	10,877	194.72	5,129	13,435
194.21	4,717	10,924	194.73	5,138	13,486
194.22	4,725	10,971	194.74	5,146	13,538
194.23	4,733	11,019	194.75	5,154	13,589
194.24	4,741	11,066	194.76	5,162	13,641
194.25	4,749	11,114	194.77	5,170	13,693
194.26	4,757	11,161	194.78	5,178	13,744
194.27	4,765	11,209	194.79	5,186	13,796
194.28	4,774	11,256	194.80	5,194	13,848
194.29	4,782	11,304	194.81	5,202	13,900
194.30	4,790	11,352	194.82	5,210	13,952
194.31	4,798	11,400	194.83	5,218	14,004
194.32	4,806	11,448	194.84	5,227	14,056
194.33	4,814	11,496	194.85	5,235	14,109
194.34	4,822	11,544	194.86	5,243	14,161
194.35	4,830	11,593	194.87	5,251	14,214
194.36	4,838	11,641	194.88	5,259	14,266
194.37	4,846	11,689	194.89	5,267	14,319
194.38	4,854	11,738	194.90	5,275	14,371
194.39	4,863	11,786	194.91	5,283	14,424
194.40	4,871	11,835	194.92	5,291	14,477
194.41	4,879	11,884	194.93	5,299	14,530
194.42	4,887	11,933	194.94	5,307	14,583
194.43	4,895	11,982	194.95	5,316	14,636
194.44	4,903	12,030	194.96	5,324	14,689
194.45	4,911	12,080	194.97	5,332	14,743
194.46	4,919	12,129	194.98	5,340	14,796
194.47	4,927	12,178	194.99	5,348	14,849
194.48	4,935	12,227	195.00	5,356	14,903
194.49	4,943	12,277	195.01	5,386	14,957
194.50	4,952	12,326	195.02	5,417	15,011
194.51	4,960	12,376	195.03	5,447	15,065
194.52	4,968	12,425	195.04	5,477	15,120
194.53	4,976	12,475	195.05	5,507	15,175
194.54	4,984	12,525	195.06	5,538	15,230
194.55	4,992	12,575	195.07	5,568	15,285
194.56	5,000	12,625	195.08	5,598	15,341
194.57	5,008	12,675	195.09	5,629	15,397
194.58	5,016	12,725	195.10	5,659	15,454
194.59	5,024	12,775	195.11	5,689	15,510
194.60	5,032	12,825	195.12	5,719	15,568
194.61	5,040	12,876	195.13	5,750	15,625
194.62	5,049	12,926	195.14	5,780	15,683
194.63	5,057	12,977	195.15	5,810	15,740

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,840	15,799
195.17	5,871	15,857
195.18	5,901	15,916
195.19	5,931	15,975
195.20	5,962	16,035
195.21	5,992	16,095
195.22	6,022	16,155
195.23	6,052	16,215
195.24	6,083	16,276
195.25	6,113	16,337

Summary for Pond B-37A: Basin #37A

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 1.92" for Current 2 yr event
 Inflow = 4.17 cfs @ 12.17 hrs, Volume= 0.345 af
 Outflow = 0.44 cfs @ 13.20 hrs, Volume= 0.262 af, Atten= 90%, Lag= 61.7 min
 Primary = 0.44 cfs @ 13.20 hrs, Volume= 0.262 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.31' @ 13.20 hrs Surf.Area= 4,566 sf Storage= 8,671 cf

Plug-Flow detention time= 316.4 min calculated for 0.262 af (76% of inflow)
 Center-of-Mass det. time= 222.9 min (1,021.1 - 798.2)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	17,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	2,990	0	0
195.00	3,633	3,312	3,312
196.00	4,332	3,983	7,294
197.00	5,089	4,711	12,005
198.00	5,901	5,495	17,500

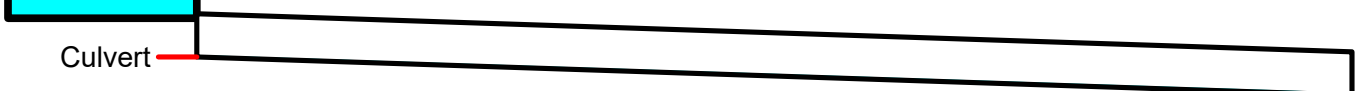
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.07'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.48'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.44 cfs @ 13.20 hrs HW=196.31' (Free Discharge)

1=Culvert (Passes 0.44 cfs of 10.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.44 cfs @ 4.99 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

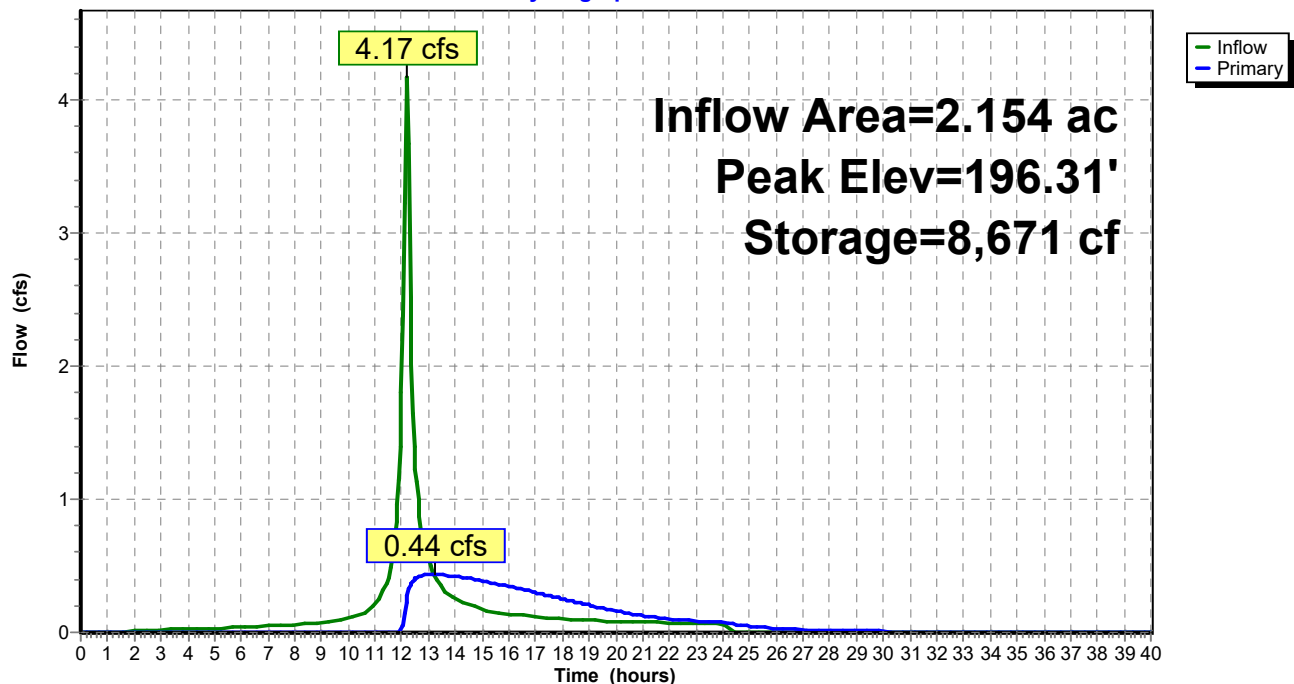
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Pond B-37A: Basin #37A
 Orifice/Grate

Culvert



Pond B-37A: Basin #37A

Hydrograph



Hydrograph for Pond B-37A: Basin #37A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	0	194.00	0.00
1.10	0.00	0	194.00	0.00
1.20	0.00	0	194.00	0.00
1.30	0.00	0	194.00	0.00
1.40	0.00	1	194.00	0.00
1.50	0.00	1	194.00	0.00
1.60	0.00	2	194.00	0.00
1.70	0.00	4	194.00	0.00
1.80	0.01	6	194.00	0.00
1.90	0.01	8	194.00	0.00
2.00	0.01	11	194.00	0.00
2.10	0.01	14	194.00	0.00
2.20	0.01	18	194.01	0.00
2.30	0.01	21	194.01	0.00
2.40	0.01	25	194.01	0.00
2.50	0.01	30	194.01	0.00
2.60	0.01	34	194.01	0.00
2.70	0.01	39	194.01	0.00
2.80	0.02	45	194.01	0.00
2.90	0.02	50	194.02	0.00
3.00	0.02	56	194.02	0.00
3.10	0.02	63	194.02	0.00
3.20	0.02	69	194.02	0.00
3.30	0.02	76	194.03	0.00
3.40	0.02	83	194.03	0.00
3.50	0.02	90	194.03	0.00
3.60	0.02	98	194.03	0.00
3.70	0.02	105	194.04	0.00
3.80	0.02	113	194.04	0.00
3.90	0.02	122	194.04	0.00
4.00	0.02	130	194.04	0.00
4.10	0.02	139	194.05	0.00
4.20	0.03	148	194.05	0.00
4.30	0.03	157	194.05	0.00
4.40	0.03	166	194.06	0.00
4.50	0.03	176	194.06	0.00
4.60	0.03	186	194.06	0.00
4.70	0.03	196	194.07	0.00
4.80	0.03	206	194.07	0.00
4.90	0.03	217	194.07	0.00
5.00	0.03	228	194.08	0.00
5.10	0.03	238	194.08	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	250	194.08	0.00
5.30	0.03	261	194.09	0.00
5.40	0.03	272	194.09	0.00
5.50	0.03	284	194.09	0.00
5.60	0.03	296	194.10	0.00
5.70	0.03	308	194.10	0.00
5.80	0.03	320	194.11	0.00
5.90	0.03	333	194.11	0.00
6.00	0.04	345	194.11	0.00
6.10	0.04	358	194.12	0.00
6.20	0.04	371	194.12	0.00
6.30	0.04	385	194.13	0.00
6.40	0.04	399	194.13	0.00
6.50	0.04	413	194.14	0.00
6.60	0.04	428	194.14	0.00
6.70	0.04	443	194.15	0.00
6.80	0.04	458	194.15	0.00
6.90	0.05	475	194.16	0.00
7.00	0.05	491	194.16	0.00
7.10	0.05	508	194.17	0.00
7.20	0.05	525	194.17	0.00
7.30	0.05	543	194.18	0.00
7.40	0.05	561	194.18	0.00
7.50	0.05	580	194.19	0.00
7.60	0.05	599	194.20	0.00
7.70	0.06	619	194.20	0.00
7.80	0.06	639	194.21	0.00
7.90	0.06	660	194.22	0.00
8.00	0.06	681	194.22	0.00
8.10	0.06	702	194.23	0.00
8.20	0.06	724	194.24	0.00
8.30	0.06	746	194.24	0.00
8.40	0.06	769	194.25	0.00
8.50	0.07	792	194.26	0.00
8.60	0.07	816	194.27	0.00
8.70	0.07	840	194.27	0.00
8.80	0.07	865	194.28	0.00
8.90	0.07	890	194.29	0.00
9.00	0.07	915	194.30	0.00
9.10	0.07	941	194.30	0.00
9.20	0.08	968	194.31	0.00
9.30	0.08	997	194.32	0.00
9.40	0.09	1,027	194.33	0.00
9.50	0.09	1,058	194.34	0.00
9.60	0.09	1,091	194.35	0.00
9.70	0.10	1,126	194.36	0.00
9.80	0.10	1,162	194.37	0.00
9.90	0.11	1,199	194.39	0.00
10.00	0.11	1,238	194.40	0.00
10.10	0.12	1,279	194.41	0.00
10.20	0.12	1,321	194.42	0.00
10.30	0.12	1,365	194.44	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,410	194.45	0.00
10.50	0.13	1,457	194.46	0.00
10.60	0.14	1,506	194.48	0.00
10.70	0.15	1,559	194.49	0.00
10.80	0.17	1,617	194.51	0.00
10.90	0.19	1,683	194.53	0.00
11.00	0.21	1,755	194.55	0.00
11.10	0.24	1,836	194.58	0.00
11.20	0.27	1,928	194.61	0.00
11.30	0.31	2,033	194.64	0.00
11.40	0.36	2,154	194.67	0.00
11.50	0.40	2,290	194.71	0.00
11.60	0.49	2,447	194.76	0.00
11.70	0.66	2,656	194.82	0.00
11.80	0.82	2,921	194.89	0.00
11.90	1.15	3,271	194.99	0.00
12.00	1.81	3,788	195.13	0.01
12.10	3.22	4,645	195.36	0.14
12.20	4.06	5,954	195.68	0.28
12.30	2.52	7,022	195.94	0.35
12.40	1.65	7,625	196.08	0.38
12.50	1.23	7,993	196.16	0.40
12.60	1.00	8,249	196.22	0.42
12.70	0.76	8,413	196.25	0.42
12.80	0.66	8,514	196.28	0.43
12.90	0.60	8,585	196.29	0.43
13.00	0.54	8,634	196.30	0.43
13.10	0.48	8,663	196.31	0.43
13.20	0.43	8,671	196.31	0.44
13.30	0.40	8,665	196.31	0.43
13.40	0.37	8,646	196.30	0.43
13.50	0.34	8,618	196.30	0.43
13.60	0.31	8,578	196.29	0.43
13.70	0.28	8,530	196.28	0.43
13.80	0.27	8,475	196.27	0.43
13.90	0.26	8,417	196.25	0.42
14.00	0.25	8,358	196.24	0.42
14.10	0.25	8,296	196.23	0.42
14.20	0.24	8,233	196.21	0.42
14.30	0.23	8,168	196.20	0.41
14.40	0.22	8,102	196.18	0.41
14.50	0.21	8,033	196.17	0.41
14.60	0.21	7,964	196.15	0.40
14.70	0.20	7,892	196.14	0.40
14.80	0.19	7,819	196.12	0.39
14.90	0.18	7,744	196.10	0.39
15.00	0.17	7,668	196.09	0.39
15.10	0.16	7,590	196.07	0.38
15.20	0.16	7,511	196.05	0.38
15.30	0.15	7,432	196.03	0.37
15.40	0.15	7,353	196.01	0.37
15.50	0.15	7,275	196.00	0.37

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	7,198	195.98	0.36
15.70	0.15	7,121	195.96	0.36
15.80	0.14	7,045	195.94	0.35
15.90	0.14	6,971	195.92	0.35
16.00	0.14	6,897	195.91	0.34
16.10	0.14	6,823	195.89	0.34
16.20	0.14	6,751	195.87	0.34
16.30	0.13	6,680	195.86	0.33
16.40	0.13	6,609	195.84	0.33
16.50	0.13	6,539	195.82	0.32
16.60	0.13	6,470	195.81	0.32
16.70	0.12	6,402	195.79	0.31
16.80	0.12	6,335	195.77	0.31
16.90	0.12	6,269	195.76	0.30
17.00	0.12	6,203	195.74	0.30
17.10	0.12	6,139	195.73	0.29
17.20	0.11	6,075	195.71	0.29
17.30	0.11	6,012	195.70	0.28
17.40	0.11	5,951	195.68	0.28
17.50	0.11	5,890	195.67	0.28
17.60	0.11	5,829	195.65	0.27
17.70	0.10	5,770	195.64	0.27
17.80	0.10	5,712	195.62	0.26
17.90	0.10	5,655	195.61	0.26
18.00	0.10	5,599	195.60	0.25
18.10	0.09	5,543	195.58	0.25
18.20	0.09	5,489	195.57	0.24
18.30	0.09	5,436	195.56	0.24
18.40	0.09	5,384	195.54	0.23
18.50	0.09	5,334	195.53	0.23
18.60	0.09	5,285	195.52	0.22
18.70	0.09	5,238	195.51	0.22
18.80	0.09	5,193	195.49	0.21
18.90	0.09	5,149	195.48	0.21
19.00	0.09	5,106	195.47	0.20
19.10	0.09	5,065	195.46	0.20
19.20	0.09	5,025	195.45	0.19
19.30	0.09	4,987	195.44	0.19
19.40	0.09	4,950	195.43	0.19
19.50	0.09	4,915	195.42	0.18
19.60	0.08	4,880	195.42	0.18
19.70	0.08	4,848	195.41	0.17
19.80	0.08	4,816	195.40	0.17
19.90	0.08	4,786	195.39	0.17
20.00	0.08	4,757	195.38	0.16
20.10	0.08	4,729	195.38	0.16
20.20	0.08	4,702	195.37	0.15
20.30	0.08	4,677	195.36	0.15
20.40	0.08	4,653	195.36	0.15
20.50	0.08	4,630	195.35	0.14
20.60	0.08	4,608	195.35	0.14
20.70	0.08	4,588	195.34	0.13

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	4,569	195.34	0.13
20.90	0.08	4,550	195.33	0.13
21.00	0.08	4,533	195.33	0.12
21.10	0.08	4,517	195.32	0.12
21.20	0.08	4,501	195.32	0.12
21.30	0.08	4,486	195.31	0.12
21.40	0.07	4,472	195.31	0.11
21.50	0.07	4,459	195.31	0.11
21.60	0.07	4,447	195.30	0.11
21.70	0.07	4,435	195.30	0.11
21.80	0.07	4,423	195.30	0.10
21.90	0.07	4,413	195.29	0.10
22.00	0.07	4,403	195.29	0.10
22.10	0.07	4,393	195.29	0.10
22.20	0.07	4,384	195.29	0.10
22.30	0.07	4,375	195.28	0.09
22.40	0.07	4,366	195.28	0.09
22.50	0.07	4,358	195.28	0.09
22.60	0.07	4,350	195.28	0.09
22.70	0.07	4,343	195.28	0.09
22.80	0.07	4,336	195.27	0.09
22.90	0.07	4,329	195.27	0.09
23.00	0.07	4,322	195.27	0.08
23.10	0.07	4,316	195.27	0.08
23.20	0.06	4,309	195.27	0.08
23.30	0.06	4,303	195.27	0.08
23.40	0.06	4,297	195.26	0.08
23.50	0.06	4,292	195.26	0.08
23.60	0.06	4,286	195.26	0.08
23.70	0.06	4,281	195.26	0.08
23.80	0.06	4,276	195.26	0.08
23.90	0.06	4,270	195.26	0.07
24.00	0.06	4,266	195.26	0.07
24.10	0.05	4,262	195.26	0.07
24.20	0.02	4,248	195.25	0.07
24.30	0.00	4,226	195.25	0.07
24.40	0.00	4,203	195.24	0.06
24.50	0.00	4,182	195.23	0.06
24.60	0.00	4,161	195.23	0.06
24.70	0.00	4,141	195.22	0.05
24.80	0.00	4,123	195.22	0.05
24.90	0.00	4,105	195.21	0.05
25.00	0.00	4,089	195.21	0.04
25.10	0.00	4,073	195.21	0.04
25.20	0.00	4,058	195.20	0.04
25.30	0.00	4,045	195.20	0.04
25.40	0.00	4,031	195.19	0.04
25.50	0.00	4,019	195.19	0.03
25.60	0.00	4,006	195.19	0.03
25.70	0.00	3,995	195.18	0.03
25.80	0.00	3,984	195.18	0.03
25.90	0.00	3,973	195.18	0.03

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,963	195.18	0.03
26.10	0.00	3,954	195.17	0.03
26.20	0.00	3,945	195.17	0.02
26.30	0.00	3,936	195.17	0.02
26.40	0.00	3,927	195.17	0.02
26.50	0.00	3,919	195.16	0.02
26.60	0.00	3,912	195.16	0.02
26.70	0.00	3,904	195.16	0.02
26.80	0.00	3,898	195.16	0.02
26.90	0.00	3,891	195.16	0.02
27.00	0.00	3,884	195.16	0.02
27.10	0.00	3,878	195.15	0.02
27.20	0.00	3,872	195.15	0.02
27.30	0.00	3,866	195.15	0.02
27.40	0.00	3,860	195.15	0.02
27.50	0.00	3,854	195.15	0.02
27.60	0.00	3,849	195.15	0.01
27.70	0.00	3,844	195.14	0.01
27.80	0.00	3,839	195.14	0.01
27.90	0.00	3,834	195.14	0.01
28.00	0.00	3,829	195.14	0.01
28.10	0.00	3,824	195.14	0.01
28.20	0.00	3,820	195.14	0.01
28.30	0.00	3,816	195.14	0.01
28.40	0.00	3,812	195.14	0.01
28.50	0.00	3,807	195.13	0.01
28.60	0.00	3,804	195.13	0.01
28.70	0.00	3,800	195.13	0.01
28.80	0.00	3,796	195.13	0.01
28.90	0.00	3,792	195.13	0.01
29.00	0.00	3,789	195.13	0.01
29.10	0.00	3,786	195.13	0.01
29.20	0.00	3,782	195.13	0.01
29.30	0.00	3,779	195.13	0.01
29.40	0.00	3,776	195.13	0.01
29.50	0.00	3,773	195.13	0.01
29.60	0.00	3,770	195.12	0.01
29.70	0.00	3,768	195.12	0.01
29.80	0.00	3,765	195.12	0.01
29.90	0.00	3,762	195.12	0.01
30.00	0.00	3,760	195.12	0.01
30.10	0.00	3,757	195.12	0.01
30.20	0.00	3,755	195.12	0.01
30.30	0.00	3,753	195.12	0.01
30.40	0.00	3,750	195.12	0.01
30.50	0.00	3,748	195.12	0.01
30.60	0.00	3,746	195.12	0.01
30.70	0.00	3,744	195.12	0.01
30.80	0.00	3,742	195.12	0.01
30.90	0.00	3,740	195.12	0.01
31.00	0.00	3,738	195.12	0.01
31.10	0.00	3,736	195.12	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,734	195.11	0.01
31.30	0.00	3,732	195.11	0.01
31.40	0.00	3,730	195.11	0.01
31.50	0.00	3,728	195.11	0.01
31.60	0.00	3,726	195.11	0.01
31.70	0.00	3,724	195.11	0.01
31.80	0.00	3,722	195.11	0.01
31.90	0.00	3,721	195.11	0.00
32.00	0.00	3,719	195.11	0.00
32.10	0.00	3,717	195.11	0.00
32.20	0.00	3,715	195.11	0.00
32.30	0.00	3,714	195.11	0.00
32.40	0.00	3,712	195.11	0.00
32.50	0.00	3,710	195.11	0.00
32.60	0.00	3,709	195.11	0.00
32.70	0.00	3,707	195.11	0.00
32.80	0.00	3,705	195.11	0.00
32.90	0.00	3,704	195.11	0.00
33.00	0.00	3,702	195.11	0.00
33.10	0.00	3,701	195.11	0.00
33.20	0.00	3,699	195.11	0.00
33.30	0.00	3,698	195.11	0.00
33.40	0.00	3,696	195.10	0.00
33.50	0.00	3,695	195.10	0.00
33.60	0.00	3,694	195.10	0.00
33.70	0.00	3,692	195.10	0.00
33.80	0.00	3,691	195.10	0.00
33.90	0.00	3,690	195.10	0.00
34.00	0.00	3,688	195.10	0.00
34.10	0.00	3,687	195.10	0.00
34.20	0.00	3,686	195.10	0.00
34.30	0.00	3,684	195.10	0.00
34.40	0.00	3,683	195.10	0.00
34.50	0.00	3,682	195.10	0.00
34.60	0.00	3,681	195.10	0.00
34.70	0.00	3,679	195.10	0.00
34.80	0.00	3,678	195.10	0.00
34.90	0.00	3,677	195.10	0.00
35.00	0.00	3,676	195.10	0.00
35.10	0.00	3,675	195.10	0.00
35.20	0.00	3,674	195.10	0.00
35.30	0.00	3,673	195.10	0.00
35.40	0.00	3,672	195.10	0.00
35.50	0.00	3,671	195.10	0.00
35.60	0.00	3,669	195.10	0.00
35.70	0.00	3,668	195.10	0.00
35.80	0.00	3,667	195.10	0.00
35.90	0.00	3,666	195.10	0.00
36.00	0.00	3,665	195.10	0.00
36.10	0.00	3,664	195.10	0.00
36.20	0.00	3,663	195.10	0.00
36.30	0.00	3,663	195.10	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,662	195.10	0.00
36.50	0.00	3,661	195.10	0.00
36.60	0.00	3,660	195.09	0.00
36.70	0.00	3,659	195.09	0.00
36.80	0.00	3,658	195.09	0.00
36.90	0.00	3,657	195.09	0.00
37.00	0.00	3,656	195.09	0.00
37.10	0.00	3,655	195.09	0.00
37.20	0.00	3,655	195.09	0.00
37.30	0.00	3,654	195.09	0.00
37.40	0.00	3,653	195.09	0.00
37.50	0.00	3,652	195.09	0.00
37.60	0.00	3,651	195.09	0.00
37.70	0.00	3,651	195.09	0.00
37.80	0.00	3,650	195.09	0.00
37.90	0.00	3,649	195.09	0.00
38.00	0.00	3,648	195.09	0.00
38.10	0.00	3,648	195.09	0.00
38.20	0.00	3,647	195.09	0.00
38.30	0.00	3,646	195.09	0.00
38.40	0.00	3,646	195.09	0.00
38.50	0.00	3,645	195.09	0.00
38.60	0.00	3,644	195.09	0.00
38.70	0.00	3,644	195.09	0.00
38.80	0.00	3,643	195.09	0.00
38.90	0.00	3,642	195.09	0.00
39.00	0.00	3,642	195.09	0.00
39.10	0.00	3,641	195.09	0.00
39.20	0.00	3,640	195.09	0.00
39.30	0.00	3,640	195.09	0.00
39.40	0.00	3,639	195.09	0.00
39.50	0.00	3,638	195.09	0.00
39.60	0.00	3,638	195.09	0.00
39.70	0.00	3,637	195.09	0.00
39.80	0.00	3,637	195.09	0.00
39.90	0.00	3,636	195.09	0.00
40.00	0.00	3,636	195.09	0.00

Stage-Discharge for Pond B-37A: Basin #37A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.24
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.24
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.25
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.25
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.25
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.26
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.26
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.26
194.08	0.00	194.60	0.00	195.12	0.01	195.64	0.27
194.09	0.00	194.61	0.00	195.13	0.01	195.65	0.27
194.10	0.00	194.62	0.00	195.14	0.01	195.66	0.27
194.11	0.00	194.63	0.00	195.15	0.02	195.67	0.28
194.12	0.00	194.64	0.00	195.16	0.02	195.68	0.28
194.13	0.00	194.65	0.00	195.17	0.02	195.69	0.28
194.14	0.00	194.66	0.00	195.18	0.03	195.70	0.29
194.15	0.00	194.67	0.00	195.19	0.03	195.71	0.29
194.16	0.00	194.68	0.00	195.20	0.04	195.72	0.29
194.17	0.00	194.69	0.00	195.21	0.04	195.73	0.30
194.18	0.00	194.70	0.00	195.22	0.05	195.74	0.30
194.19	0.00	194.71	0.00	195.23	0.06	195.75	0.30
194.20	0.00	194.72	0.00	195.24	0.06	195.76	0.30
194.21	0.00	194.73	0.00	195.25	0.07	195.77	0.31
194.22	0.00	194.74	0.00	195.26	0.08	195.78	0.31
194.23	0.00	194.75	0.00	195.27	0.08	195.79	0.31
194.24	0.00	194.76	0.00	195.28	0.09	195.80	0.32
194.25	0.00	194.77	0.00	195.29	0.10	195.81	0.32
194.26	0.00	194.78	0.00	195.30	0.10	195.82	0.32
194.27	0.00	194.79	0.00	195.31	0.11	195.83	0.32
194.28	0.00	194.80	0.00	195.32	0.12	195.84	0.33
194.29	0.00	194.81	0.00	195.33	0.13	195.85	0.33
194.30	0.00	194.82	0.00	195.34	0.13	195.86	0.33
194.31	0.00	194.83	0.00	195.35	0.14	195.87	0.33
194.32	0.00	194.84	0.00	195.36	0.15	195.88	0.34
194.33	0.00	194.85	0.00	195.37	0.15	195.89	0.34
194.34	0.00	194.86	0.00	195.38	0.16	195.90	0.34
194.35	0.00	194.87	0.00	195.39	0.17	195.91	0.34
194.36	0.00	194.88	0.00	195.40	0.17	195.92	0.35
194.37	0.00	194.89	0.00	195.41	0.17	195.93	0.35
194.38	0.00	194.90	0.00	195.42	0.18	195.94	0.35
194.39	0.00	194.91	0.00	195.43	0.18	195.95	0.35
194.40	0.00	194.92	0.00	195.44	0.19	195.96	0.36
194.41	0.00	194.93	0.00	195.45	0.19	195.97	0.36
194.42	0.00	194.94	0.00	195.46	0.20	195.98	0.36
194.43	0.00	194.95	0.00	195.47	0.20	195.99	0.36
194.44	0.00	194.96	0.00	195.48	0.21	196.00	0.37
194.45	0.00	194.97	0.00	195.49	0.21	196.01	0.37
194.46	0.00	194.98	0.00	195.50	0.22	196.02	0.37
194.47	0.00	194.99	0.00	195.51	0.22	196.03	0.37
194.48	0.00	195.00	0.00	195.52	0.22	196.04	0.38
194.49	0.00	195.01	0.00	195.53	0.23	196.05	0.38
194.50	0.00	195.02	0.00	195.54	0.23	196.06	0.38
194.51	0.00	195.03	0.00	195.55	0.24	196.07	0.38

Stage-Discharge for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.39	196.60	1.03	197.12	7.06	197.64	12.35
196.09	0.39	196.61	1.10	197.13	7.21	197.65	12.36
196.10	0.39	196.62	1.17	197.14	7.36	197.66	12.37
196.11	0.39	196.63	1.25	197.15	7.51	197.67	12.38
196.12	0.39	196.64	1.33	197.16	7.67	197.68	12.40
196.13	0.40	196.65	1.41	197.17	7.82	197.69	12.41
196.14	0.40	196.66	1.49	197.18	7.98	197.70	12.42
196.15	0.40	196.67	1.58	197.19	8.13	197.71	12.44
196.16	0.40	196.68	1.66	197.20	8.29	197.72	12.45
196.17	0.41	196.69	1.75	197.21	8.45	197.73	12.46
196.18	0.41	196.70	1.84	197.22	8.61	197.74	12.47
196.19	0.41	196.71	1.94	197.23	8.77	197.75	12.49
196.20	0.41	196.72	2.03	197.24	8.93	197.76	12.50
196.21	0.41	196.73	2.13	197.25	9.09	197.77	12.51
196.22	0.42	196.74	2.23	197.26	9.26	197.78	12.52
196.23	0.42	196.75	2.33	197.27	9.42	197.79	12.54
196.24	0.42	196.76	2.43	197.28	9.59	197.80	12.55
196.25	0.42	196.77	2.53	197.29	9.75	197.81	12.56
196.26	0.43	196.78	2.64	197.30	9.92	197.82	12.57
196.27	0.43	196.79	2.75	197.31	10.09	197.83	12.59
196.28	0.43	196.80	2.86	197.32	10.25	197.84	12.60
196.29	0.43	196.81	2.97	197.33	10.42	197.85	12.61
196.30	0.43	196.82	3.08	197.34	10.59	197.86	12.63
196.31	0.44	196.83	3.19	197.35	10.76	197.87	12.64
196.32	0.44	196.84	3.31	197.36	10.93	197.88	12.65
196.33	0.44	196.85	3.42	197.37	11.11	197.89	12.66
196.34	0.44	196.86	3.54	197.38	11.28	197.90	12.68
196.35	0.44	196.87	3.66	197.39	11.45	197.91	12.69
196.36	0.45	196.88	3.78	197.40	11.63	197.92	12.70
196.37	0.45	196.89	3.90	197.41	11.80	197.93	12.71
196.38	0.45	196.90	4.03	197.42	11.98	197.94	12.73
196.39	0.45	196.91	4.15	197.43	12.07	197.95	12.74
196.40	0.45	196.92	4.28	197.44	12.09	197.96	12.87
196.41	0.46	196.93	4.41	197.45	12.10	197.97	13.09
196.42	0.46	196.94	4.54	197.46	12.11	197.98	13.38
196.43	0.46	196.95	4.67	197.47	12.13	197.99	13.73
196.44	0.46	196.96	4.80	197.48	12.14	198.00	14.11
196.45	0.46	196.97	4.93	197.49	12.15		
196.46	0.46	196.98	5.06	197.50	12.17		
196.47	0.47	196.99	5.20	197.51	12.18		
196.48	0.47	197.00	5.34	197.52	12.19		
196.49	0.48	197.01	5.47	197.53	12.20		
196.50	0.51	197.02	5.61	197.54	12.22		
196.51	0.54	197.03	5.75	197.55	12.23		
196.52	0.58	197.04	5.89	197.56	12.24		
196.53	0.62	197.05	6.03	197.57	12.26		
196.54	0.67	197.06	6.18	197.58	12.27		
196.55	0.72	197.07	6.32	197.59	12.28		
196.56	0.78	197.08	6.47	197.60	12.29		
196.57	0.84	197.09	6.61	197.61	12.31		
196.58	0.90	197.10	6.76	197.62	12.32		
196.59	0.96	197.11	6.91	197.63	12.33		

Stage-Area-Storage for Pond B-37A: Basin #37A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	2,990	0	194.52	3,324	1,642
194.01	2,996	30	194.53	3,331	1,675
194.02	3,003	60	194.54	3,337	1,708
194.03	3,009	90	194.55	3,344	1,742
194.04	3,016	120	194.56	3,350	1,775
194.05	3,022	150	194.57	3,357	1,809
194.06	3,029	181	194.58	3,363	1,842
194.07	3,035	211	194.59	3,369	1,876
194.08	3,041	241	194.60	3,376	1,910
194.09	3,048	272	194.61	3,382	1,944
194.10	3,054	302	194.62	3,389	1,977
194.11	3,061	333	194.63	3,395	2,011
194.12	3,067	363	194.64	3,402	2,045
194.13	3,074	394	194.65	3,408	2,079
194.14	3,080	425	194.66	3,414	2,113
194.15	3,086	456	194.67	3,421	2,148
194.16	3,093	487	194.68	3,427	2,182
194.17	3,099	518	194.69	3,434	2,216
194.18	3,106	549	194.70	3,440	2,251
194.19	3,112	580	194.71	3,447	2,285
194.20	3,119	611	194.72	3,453	2,319
194.21	3,125	642	194.73	3,459	2,354
194.22	3,131	673	194.74	3,466	2,389
194.23	3,138	705	194.75	3,472	2,423
194.24	3,144	736	194.76	3,479	2,458
194.25	3,151	768	194.77	3,485	2,493
194.26	3,157	799	194.78	3,492	2,528
194.27	3,164	831	194.79	3,498	2,563
194.28	3,170	862	194.80	3,504	2,598
194.29	3,176	894	194.81	3,511	2,633
194.30	3,183	926	194.82	3,517	2,668
194.31	3,189	958	194.83	3,524	2,703
194.32	3,196	990	194.84	3,530	2,738
194.33	3,202	1,022	194.85	3,537	2,774
194.34	3,209	1,054	194.86	3,543	2,809
194.35	3,215	1,086	194.87	3,549	2,845
194.36	3,221	1,118	194.88	3,556	2,880
194.37	3,228	1,150	194.89	3,562	2,916
194.38	3,234	1,183	194.90	3,569	2,951
194.39	3,241	1,215	194.91	3,575	2,987
194.40	3,247	1,247	194.92	3,582	3,023
194.41	3,254	1,280	194.93	3,588	3,059
194.42	3,260	1,313	194.94	3,594	3,095
194.43	3,266	1,345	194.95	3,601	3,131
194.44	3,273	1,378	194.96	3,607	3,167
194.45	3,279	1,411	194.97	3,614	3,203
194.46	3,286	1,443	194.98	3,620	3,239
194.47	3,292	1,476	194.99	3,627	3,275
194.48	3,299	1,509	195.00	3,633	3,312
194.49	3,305	1,542	195.01	3,640	3,348
194.50	3,312	1,575	195.02	3,647	3,384
194.51	3,318	1,609	195.03	3,654	3,421

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	3,661	3,457	195.56	4,024	5,456
195.05	3,668	3,494	195.57	4,031	5,496
195.06	3,675	3,531	195.58	4,038	5,536
195.07	3,682	3,568	195.59	4,045	5,577
195.08	3,689	3,604	195.60	4,052	5,617
195.09	3,696	3,641	195.61	4,059	5,658
195.10	3,703	3,678	195.62	4,066	5,698
195.11	3,710	3,715	195.63	4,073	5,739
195.12	3,717	3,752	195.64	4,080	5,780
195.13	3,724	3,790	195.65	4,087	5,821
195.14	3,731	3,827	195.66	4,094	5,862
195.15	3,738	3,864	195.67	4,101	5,903
195.16	3,745	3,902	195.68	4,108	5,944
195.17	3,752	3,939	195.69	4,115	5,985
195.18	3,759	3,977	195.70	4,122	6,026
195.19	3,766	4,014	195.71	4,129	6,067
195.20	3,773	4,052	195.72	4,136	6,108
195.21	3,780	4,090	195.73	4,143	6,150
195.22	3,787	4,128	195.74	4,150	6,191
195.23	3,794	4,166	195.75	4,157	6,233
195.24	3,801	4,204	195.76	4,164	6,274
195.25	3,808	4,242	195.77	4,171	6,316
195.26	3,815	4,280	195.78	4,178	6,358
195.27	3,822	4,318	195.79	4,185	6,400
195.28	3,829	4,356	195.80	4,192	6,442
195.29	3,836	4,394	195.81	4,199	6,484
195.30	3,843	4,433	195.82	4,206	6,526
195.31	3,850	4,471	195.83	4,213	6,568
195.32	3,857	4,510	195.84	4,220	6,610
195.33	3,864	4,548	195.85	4,227	6,652
195.34	3,871	4,587	195.86	4,234	6,694
195.35	3,878	4,626	195.87	4,241	6,737
195.36	3,885	4,665	195.88	4,248	6,779
195.37	3,892	4,704	195.89	4,255	6,822
195.38	3,899	4,743	195.90	4,262	6,864
195.39	3,906	4,782	195.91	4,269	6,907
195.40	3,913	4,821	195.92	4,276	6,950
195.41	3,920	4,860	195.93	4,283	6,992
195.42	3,927	4,899	195.94	4,290	7,035
195.43	3,934	4,938	195.95	4,297	7,078
195.44	3,941	4,978	195.96	4,304	7,121
195.45	3,948	5,017	195.97	4,311	7,164
195.46	3,955	5,057	195.98	4,318	7,207
195.47	3,962	5,096	195.99	4,325	7,251
195.48	3,969	5,136	196.00	4,332	7,294
195.49	3,976	5,176	196.01	4,340	7,337
195.50	3,983	5,215	196.02	4,347	7,381
195.51	3,989	5,255	196.03	4,355	7,424
195.52	3,996	5,295	196.04	4,362	7,468
195.53	4,003	5,335	196.05	4,370	7,512
195.54	4,010	5,375	196.06	4,377	7,555
195.55	4,017	5,415	196.07	4,385	7,599

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	4,393	7,643	196.60	4,786	10,029
196.09	4,400	7,687	196.61	4,794	10,077
196.10	4,408	7,731	196.62	4,801	10,125
196.11	4,415	7,775	196.63	4,809	10,173
196.12	4,423	7,819	196.64	4,816	10,222
196.13	4,430	7,864	196.65	4,824	10,270
196.14	4,438	7,908	196.66	4,832	10,318
196.15	4,446	7,952	196.67	4,839	10,366
196.16	4,453	7,997	196.68	4,847	10,415
196.17	4,461	8,041	196.69	4,854	10,463
196.18	4,468	8,086	196.70	4,862	10,512
196.19	4,476	8,131	196.71	4,869	10,561
196.20	4,483	8,176	196.72	4,877	10,609
196.21	4,491	8,220	196.73	4,885	10,658
196.22	4,499	8,265	196.74	4,892	10,707
196.23	4,506	8,310	196.75	4,900	10,756
196.24	4,514	8,355	196.76	4,907	10,805
196.25	4,521	8,401	196.77	4,915	10,854
196.26	4,529	8,446	196.78	4,922	10,903
196.27	4,536	8,491	196.79	4,930	10,953
196.28	4,544	8,537	196.80	4,938	11,002
196.29	4,552	8,582	196.81	4,945	11,051
196.30	4,559	8,628	196.82	4,953	11,101
196.31	4,567	8,673	196.83	4,960	11,150
196.32	4,574	8,719	196.84	4,968	11,200
196.33	4,582	8,765	196.85	4,975	11,250
196.34	4,589	8,811	196.86	4,983	11,299
196.35	4,597	8,857	196.87	4,991	11,349
196.36	4,605	8,903	196.88	4,998	11,399
196.37	4,612	8,949	196.89	5,006	11,449
196.38	4,620	8,995	196.90	5,013	11,499
196.39	4,627	9,041	196.91	5,021	11,550
196.40	4,635	9,087	196.92	5,028	11,600
196.41	4,642	9,134	196.93	5,036	11,650
196.42	4,650	9,180	196.94	5,044	11,701
196.43	4,658	9,227	196.95	5,051	11,751
196.44	4,665	9,273	196.96	5,059	11,802
196.45	4,673	9,320	196.97	5,066	11,852
196.46	4,680	9,367	196.98	5,074	11,903
196.47	4,688	9,414	196.99	5,081	11,954
196.48	4,695	9,461	197.00	5,089	12,005
196.49	4,703	9,508	197.01	5,097	12,055
196.50	4,711	9,555	197.02	5,105	12,106
196.51	4,718	9,602	197.03	5,113	12,158
196.52	4,726	9,649	197.04	5,121	12,209
196.53	4,733	9,696	197.05	5,130	12,260
196.54	4,741	9,744	197.06	5,138	12,311
196.55	4,748	9,791	197.07	5,146	12,363
196.56	4,756	9,839	197.08	5,154	12,414
196.57	4,763	9,886	197.09	5,162	12,466
196.58	4,771	9,934	197.10	5,170	12,517
196.59	4,779	9,982	197.11	5,178	12,569

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	5,186	12,621	197.64	5,609	15,428
197.13	5,195	12,673	197.65	5,617	15,484
197.14	5,203	12,725	197.66	5,625	15,540
197.15	5,211	12,777	197.67	5,633	15,596
197.16	5,219	12,829	197.68	5,641	15,653
197.17	5,227	12,881	197.69	5,649	15,709
197.18	5,235	12,934	197.70	5,657	15,766
197.19	5,243	12,986	197.71	5,666	15,822
197.20	5,251	13,039	197.72	5,674	15,879
197.21	5,260	13,091	197.73	5,682	15,936
197.22	5,268	13,144	197.74	5,690	15,993
197.23	5,276	13,196	197.75	5,698	16,050
197.24	5,284	13,249	197.76	5,706	16,107
197.25	5,292	13,302	197.77	5,714	16,164
197.26	5,300	13,355	197.78	5,722	16,221
197.27	5,308	13,408	197.79	5,730	16,278
197.28	5,316	13,461	197.80	5,739	16,336
197.29	5,324	13,514	197.81	5,747	16,393
197.30	5,333	13,568	197.82	5,755	16,450
197.31	5,341	13,621	197.83	5,763	16,508
197.32	5,349	13,675	197.84	5,771	16,566
197.33	5,357	13,728	197.85	5,779	16,623
197.34	5,365	13,782	197.86	5,787	16,681
197.35	5,373	13,835	197.87	5,795	16,739
197.36	5,381	13,889	197.88	5,804	16,797
197.37	5,389	13,943	197.89	5,812	16,855
197.38	5,398	13,997	197.90	5,820	16,913
197.39	5,406	14,051	197.91	5,828	16,972
197.40	5,414	14,105	197.92	5,836	17,030
197.41	5,422	14,159	197.93	5,844	17,088
197.42	5,430	14,213	197.94	5,852	17,147
197.43	5,438	14,268	197.95	5,860	17,205
197.44	5,446	14,322	197.96	5,869	17,264
197.45	5,454	14,377	197.97	5,877	17,323
197.46	5,463	14,431	197.98	5,885	17,382
197.47	5,471	14,486	197.99	5,893	17,441
197.48	5,479	14,541	198.00	5,901	17,500
197.49	5,487	14,596			
197.50	5,495	14,651			
197.51	5,503	14,705			
197.52	5,511	14,761			
197.53	5,519	14,816			
197.54	5,527	14,871			
197.55	5,536	14,926			
197.56	5,544	14,982			
197.57	5,552	15,037			
197.58	5,560	15,093			
197.59	5,568	15,148			
197.60	5,576	15,204			
197.61	5,584	15,260			
197.62	5,592	15,316			
197.63	5,601	15,372			

Summary for Pond B-37B: Basin #37B

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 2.19" for Current 2 yr event
 Inflow = 4.76 cfs @ 12.17 hrs, Volume= 0.399 af
 Outflow = 0.18 cfs @ 15.04 hrs, Volume= 0.280 af, Atten= 96%, Lag= 171.9 min
 Primary = 0.18 cfs @ 15.04 hrs, Volume= 0.280 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.46' @ 15.04 hrs Surf.Area= 6,311 sf Storage= 12,242 cf

Plug-Flow detention time= 671.1 min calculated for 0.279 af (70% of inflow)
 Center-of-Mass det. time= 571.0 min (1,356.9 - 785.9)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	23,353 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	3,709	0	0
195.00	4,724	4,217	4,217
196.00	5,796	5,260	9,477
197.00	6,924	6,360	15,837
198.00	8,108	7,516	23,353

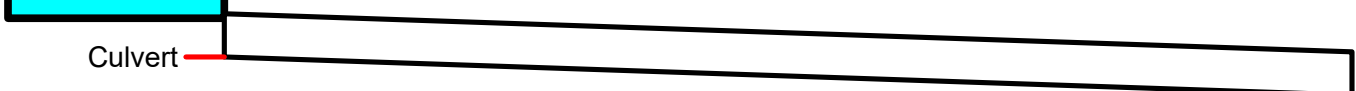
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.10'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.63'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.18 cfs @ 15.04 hrs HW=196.46' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 10.72 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.39 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

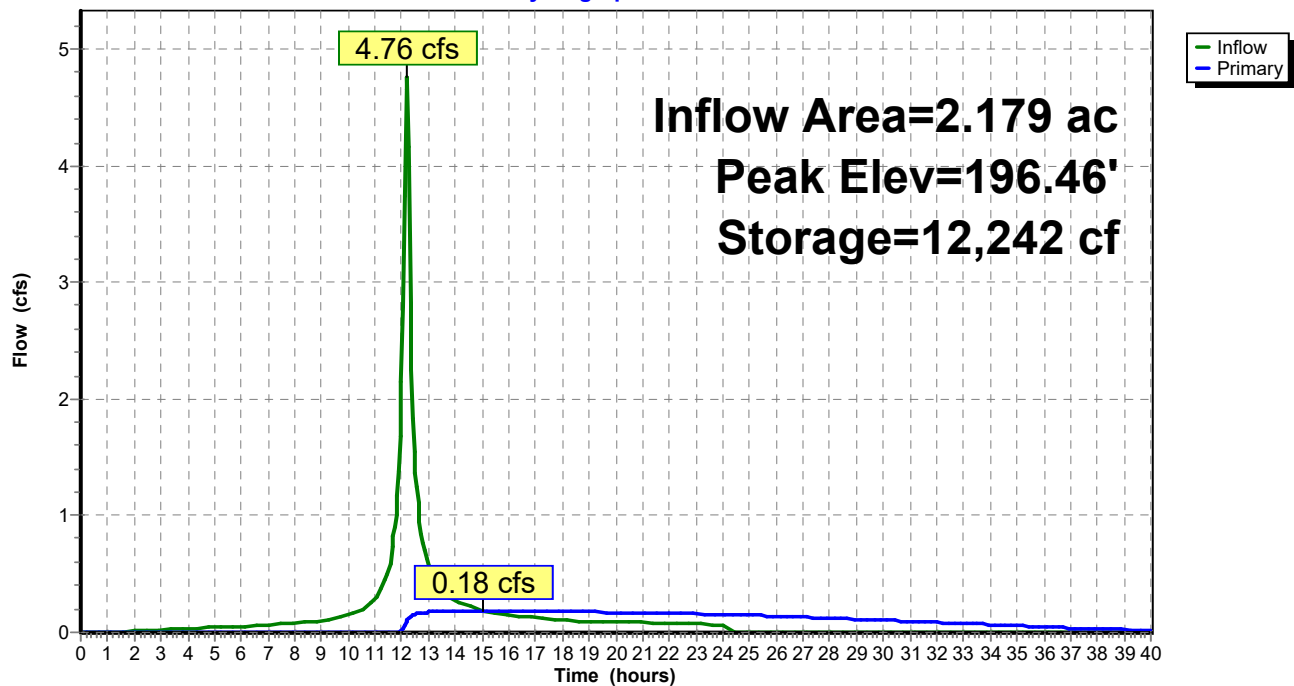
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Pond B-37B Basin #37B
 Orifice/Grate

Culvert



Pond B-37B: Basin #37B

Hydrograph



Hydrograph for Pond B-37B: Basin #37B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	0	194.00	0.00
1.10	0.00	0	194.00	0.00
1.20	0.00	0	194.00	0.00
1.30	0.00	0	194.00	0.00
1.40	0.00	1	194.00	0.00
1.50	0.00	2	194.00	0.00
1.60	0.01	3	194.00	0.00
1.70	0.01	6	194.00	0.00
1.80	0.01	8	194.00	0.00
1.90	0.01	11	194.00	0.00
2.00	0.01	15	194.00	0.00
2.10	0.01	19	194.01	0.00
2.20	0.01	24	194.01	0.00
2.30	0.01	29	194.01	0.00
2.40	0.02	35	194.01	0.00
2.50	0.02	41	194.01	0.00
2.60	0.02	47	194.01	0.00
2.70	0.02	54	194.01	0.00
2.80	0.02	61	194.02	0.00
2.90	0.02	69	194.02	0.00
3.00	0.02	77	194.02	0.00
3.10	0.02	85	194.02	0.00
3.20	0.02	94	194.03	0.00
3.30	0.03	103	194.03	0.00
3.40	0.03	113	194.03	0.00
3.50	0.03	123	194.03	0.00
3.60	0.03	133	194.04	0.00
3.70	0.03	144	194.04	0.00
3.80	0.03	154	194.04	0.00
3.90	0.03	166	194.04	0.00
4.00	0.03	177	194.05	0.00
4.10	0.03	189	194.05	0.00
4.20	0.03	201	194.05	0.00
4.30	0.04	214	194.06	0.00
4.40	0.04	227	194.06	0.00
4.50	0.04	240	194.06	0.00
4.60	0.04	254	194.07	0.00
4.70	0.04	267	194.07	0.00
4.80	0.04	281	194.08	0.00
4.90	0.04	296	194.08	0.00
5.00	0.04	310	194.08	0.00
5.10	0.04	325	194.09	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	340	194.09	0.00
5.30	0.04	355	194.09	0.00
5.40	0.04	371	194.10	0.00
5.50	0.04	387	194.10	0.00
5.60	0.05	403	194.11	0.00
5.70	0.05	420	194.11	0.00
5.80	0.05	436	194.12	0.00
5.90	0.05	453	194.12	0.00
6.00	0.05	470	194.12	0.00
6.10	0.05	488	194.13	0.00
6.20	0.05	506	194.13	0.00
6.30	0.05	524	194.14	0.00
6.40	0.05	543	194.14	0.00
6.50	0.06	563	194.15	0.00
6.60	0.06	583	194.15	0.00
6.70	0.06	604	194.16	0.00
6.80	0.06	625	194.16	0.00
6.90	0.06	647	194.17	0.00
7.00	0.06	669	194.18	0.00
7.10	0.07	692	194.18	0.00
7.20	0.07	716	194.19	0.00
7.30	0.07	740	194.19	0.00
7.40	0.07	765	194.20	0.00
7.50	0.07	791	194.21	0.00
7.60	0.07	817	194.21	0.00
7.70	0.08	844	194.22	0.00
7.80	0.08	871	194.23	0.00
7.90	0.08	899	194.23	0.00
8.00	0.08	928	194.24	0.00
8.10	0.08	957	194.25	0.00
8.20	0.08	987	194.26	0.00
8.30	0.09	1,017	194.26	0.00
8.40	0.09	1,048	194.27	0.00
8.50	0.09	1,080	194.28	0.00
8.60	0.09	1,112	194.29	0.00
8.70	0.09	1,145	194.30	0.00
8.80	0.09	1,179	194.30	0.00
8.90	0.10	1,213	194.31	0.00
9.00	0.10	1,247	194.32	0.00
9.10	0.10	1,283	194.33	0.00
9.20	0.10	1,320	194.34	0.00
9.30	0.11	1,359	194.35	0.00
9.40	0.12	1,399	194.36	0.00
9.50	0.12	1,442	194.37	0.00
9.60	0.13	1,487	194.38	0.00
9.70	0.13	1,534	194.39	0.00
9.80	0.14	1,583	194.40	0.00
9.90	0.15	1,634	194.42	0.00
10.00	0.15	1,688	194.43	0.00
10.10	0.16	1,743	194.44	0.00
10.20	0.16	1,801	194.46	0.00
10.30	0.17	1,860	194.47	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,922	194.49	0.00
10.50	0.18	1,986	194.50	0.00
10.60	0.19	2,053	194.52	0.00
10.70	0.21	2,125	194.53	0.00
10.80	0.23	2,204	194.55	0.00
10.90	0.26	2,292	194.57	0.00
11.00	0.28	2,389	194.60	0.00
11.10	0.31	2,497	194.62	0.00
11.20	0.36	2,617	194.65	0.00
11.30	0.41	2,755	194.68	0.00
11.40	0.46	2,910	194.71	0.00
11.50	0.51	3,084	194.75	0.00
11.60	0.62	3,283	194.80	0.00
11.70	0.82	3,545	194.86	0.00
11.80	1.01	3,872	194.93	0.00
11.90	1.39	4,299	195.02	0.00
12.00	2.15	4,918	195.15	0.00
12.10	3.73	5,940	195.35	0.06
12.20	4.62	7,498	195.65	0.11
12.30	2.83	8,791	195.88	0.13
12.40	1.84	9,565	196.02	0.15
12.50	1.36	10,076	196.10	0.16
12.60	1.11	10,465	196.17	0.16
12.70	0.84	10,753	196.22	0.17
12.80	0.72	10,973	196.25	0.17
12.90	0.65	11,160	196.28	0.17
13.00	0.59	11,322	196.31	0.17
13.10	0.53	11,462	196.33	0.17
13.20	0.47	11,579	196.35	0.18
13.30	0.44	11,679	196.37	0.18
13.40	0.40	11,766	196.38	0.18
13.50	0.37	11,840	196.39	0.18
13.60	0.33	11,902	196.40	0.18
13.70	0.31	11,953	196.41	0.18
13.80	0.29	11,995	196.42	0.18
13.90	0.28	12,034	196.42	0.18
14.00	0.27	12,069	196.43	0.18
14.10	0.27	12,101	196.43	0.18
14.20	0.26	12,129	196.44	0.18
14.30	0.25	12,155	196.44	0.18
14.40	0.24	12,177	196.45	0.18
14.50	0.23	12,196	196.45	0.18
14.60	0.22	12,212	196.45	0.18
14.70	0.21	12,224	196.45	0.18
14.80	0.20	12,233	196.46	0.18
14.90	0.20	12,239	196.46	0.18
15.00	0.19	12,242	196.46	0.18
15.10	0.18	12,242	196.46	0.18
15.20	0.17	12,239	196.46	0.18
15.30	0.17	12,233	196.46	0.18
15.40	0.16	12,227	196.45	0.18
15.50	0.16	12,220	196.45	0.18

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	12,212	196.45	0.18
15.70	0.16	12,203	196.45	0.18
15.80	0.16	12,193	196.45	0.18
15.90	0.15	12,183	196.45	0.18
16.00	0.15	12,172	196.45	0.18
16.10	0.15	12,160	196.44	0.18
16.20	0.15	12,147	196.44	0.18
16.30	0.14	12,134	196.44	0.18
16.40	0.14	12,119	196.44	0.18
16.50	0.14	12,104	196.43	0.18
16.60	0.14	12,088	196.43	0.18
16.70	0.13	12,072	196.43	0.18
16.80	0.13	12,054	196.43	0.18
16.90	0.13	12,036	196.42	0.18
17.00	0.13	12,017	196.42	0.18
17.10	0.13	11,997	196.42	0.18
17.20	0.12	11,977	196.41	0.18
17.30	0.12	11,956	196.41	0.18
17.40	0.12	11,934	196.41	0.18
17.50	0.12	11,911	196.40	0.18
17.60	0.11	11,887	196.40	0.18
17.70	0.11	11,863	196.40	0.18
17.80	0.11	11,838	196.39	0.18
17.90	0.11	11,812	196.39	0.18
18.00	0.10	11,786	196.38	0.18
18.10	0.10	11,759	196.38	0.18
18.20	0.10	11,731	196.38	0.18
18.30	0.10	11,702	196.37	0.18
18.40	0.10	11,674	196.37	0.18
18.50	0.10	11,645	196.36	0.18
18.60	0.10	11,616	196.36	0.18
18.70	0.10	11,588	196.35	0.18
18.80	0.10	11,559	196.35	0.18
18.90	0.09	11,530	196.34	0.18
19.00	0.09	11,501	196.34	0.17
19.10	0.09	11,472	196.33	0.17
19.20	0.09	11,443	196.33	0.17
19.30	0.09	11,413	196.32	0.17
19.40	0.09	11,384	196.32	0.17
19.50	0.09	11,355	196.31	0.17
19.60	0.09	11,325	196.31	0.17
19.70	0.09	11,295	196.30	0.17
19.80	0.09	11,266	196.30	0.17
19.90	0.09	11,236	196.30	0.17
20.00	0.09	11,207	196.29	0.17
20.10	0.09	11,177	196.29	0.17
20.20	0.09	11,147	196.28	0.17
20.30	0.09	11,117	196.28	0.17
20.40	0.09	11,087	196.27	0.17
20.50	0.09	11,057	196.27	0.17
20.60	0.08	11,026	196.26	0.17
20.70	0.08	10,996	196.26	0.17

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	10,966	196.25	0.17
20.90	0.08	10,935	196.25	0.17
21.00	0.08	10,905	196.24	0.17
21.10	0.08	10,874	196.24	0.17
21.20	0.08	10,844	196.23	0.17
21.30	0.08	10,813	196.23	0.17
21.40	0.08	10,782	196.22	0.17
21.50	0.08	10,752	196.22	0.17
21.60	0.08	10,721	196.21	0.16
21.70	0.08	10,690	196.21	0.16
21.80	0.08	10,659	196.20	0.16
21.90	0.08	10,628	196.19	0.16
22.00	0.08	10,597	196.19	0.16
22.10	0.08	10,565	196.18	0.16
22.20	0.08	10,534	196.18	0.16
22.30	0.07	10,503	196.17	0.16
22.40	0.07	10,472	196.17	0.16
22.50	0.07	10,440	196.16	0.16
22.60	0.07	10,409	196.16	0.16
22.70	0.07	10,377	196.15	0.16
22.80	0.07	10,346	196.15	0.16
22.90	0.07	10,314	196.14	0.16
23.00	0.07	10,282	196.14	0.16
23.10	0.07	10,251	196.13	0.16
23.20	0.07	10,219	196.13	0.16
23.30	0.07	10,187	196.12	0.16
23.40	0.07	10,155	196.12	0.16
23.50	0.07	10,123	196.11	0.16
23.60	0.07	10,091	196.10	0.16
23.70	0.07	10,059	196.10	0.16
23.80	0.07	10,027	196.09	0.15
23.90	0.06	9,995	196.09	0.15
24.00	0.07	9,963	196.08	0.15
24.10	0.06	9,932	196.08	0.15
24.20	0.02	9,889	196.07	0.15
24.30	0.00	9,838	196.06	0.15
24.40	0.00	9,784	196.05	0.15
24.50	0.00	9,730	196.04	0.15
24.60	0.00	9,676	196.03	0.15
24.70	0.00	9,622	196.03	0.15
24.80	0.00	9,569	196.02	0.15
24.90	0.00	9,516	196.01	0.15
25.00	0.00	9,463	196.00	0.15
25.10	0.00	9,410	195.99	0.15
25.20	0.00	9,358	195.98	0.14
25.30	0.00	9,306	195.97	0.14
25.40	0.00	9,255	195.96	0.14
25.50	0.00	9,203	195.95	0.14
25.60	0.00	9,153	195.94	0.14
25.70	0.00	9,102	195.93	0.14
25.80	0.00	9,051	195.93	0.14
25.90	0.00	9,001	195.92	0.14

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,952	195.91	0.14
26.10	0.00	8,902	195.90	0.14
26.20	0.00	8,853	195.89	0.14
26.30	0.00	8,804	195.88	0.14
26.40	0.00	8,756	195.87	0.13
26.50	0.00	8,708	195.87	0.13
26.60	0.00	8,660	195.86	0.13
26.70	0.00	8,612	195.85	0.13
26.80	0.00	8,565	195.84	0.13
26.90	0.00	8,518	195.83	0.13
27.00	0.00	8,471	195.82	0.13
27.10	0.00	8,425	195.82	0.13
27.20	0.00	8,379	195.81	0.13
27.30	0.00	8,333	195.80	0.13
27.40	0.00	8,288	195.79	0.13
27.50	0.00	8,243	195.78	0.12
27.60	0.00	8,198	195.77	0.12
27.70	0.00	8,153	195.77	0.12
27.80	0.00	8,109	195.76	0.12
27.90	0.00	8,065	195.75	0.12
28.00	0.00	8,022	195.74	0.12
28.10	0.00	7,979	195.74	0.12
28.20	0.00	7,936	195.73	0.12
28.30	0.00	7,893	195.72	0.12
28.40	0.00	7,851	195.71	0.12
28.50	0.00	7,809	195.70	0.12
28.60	0.00	7,767	195.70	0.12
28.70	0.00	7,726	195.69	0.11
28.80	0.00	7,685	195.68	0.11
28.90	0.00	7,644	195.67	0.11
29.00	0.00	7,604	195.67	0.11
29.10	0.00	7,564	195.66	0.11
29.20	0.00	7,524	195.65	0.11
29.30	0.00	7,485	195.64	0.11
29.40	0.00	7,446	195.64	0.11
29.50	0.00	7,407	195.63	0.11
29.60	0.00	7,369	195.62	0.11
29.70	0.00	7,331	195.62	0.11
29.80	0.00	7,293	195.61	0.10
29.90	0.00	7,256	195.60	0.10
30.00	0.00	7,218	195.60	0.10
30.10	0.00	7,182	195.59	0.10
30.20	0.00	7,145	195.58	0.10
30.30	0.00	7,109	195.57	0.10
30.40	0.00	7,073	195.57	0.10
30.50	0.00	7,038	195.56	0.10
30.60	0.00	7,003	195.55	0.10
30.70	0.00	6,968	195.55	0.10
30.80	0.00	6,933	195.54	0.10
30.90	0.00	6,899	195.54	0.09
31.00	0.00	6,865	195.53	0.09
31.10	0.00	6,832	195.52	0.09

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,799	195.52	0.09
31.30	0.00	6,766	195.51	0.09
31.40	0.00	6,733	195.50	0.09
31.50	0.00	6,701	195.50	0.09
31.60	0.00	6,669	195.49	0.09
31.70	0.00	6,638	195.49	0.09
31.80	0.00	6,607	195.48	0.09
31.90	0.00	6,576	195.47	0.09
32.00	0.00	6,545	195.47	0.08
32.10	0.00	6,515	195.46	0.08
32.20	0.00	6,485	195.46	0.08
32.30	0.00	6,456	195.45	0.08
32.40	0.00	6,427	195.45	0.08
32.50	0.00	6,398	195.44	0.08
32.60	0.00	6,369	195.43	0.08
32.70	0.00	6,341	195.43	0.08
32.80	0.00	6,313	195.42	0.08
32.90	0.00	6,286	195.42	0.08
33.00	0.00	6,259	195.41	0.07
33.10	0.00	6,232	195.41	0.07
33.20	0.00	6,205	195.40	0.07
33.30	0.00	6,179	195.40	0.07
33.40	0.00	6,153	195.39	0.07
33.50	0.00	6,128	195.39	0.07
33.60	0.00	6,103	195.38	0.07
33.70	0.00	6,078	195.38	0.07
33.80	0.00	6,054	195.37	0.07
33.90	0.00	6,030	195.37	0.07
34.00	0.00	6,006	195.36	0.07
34.10	0.00	5,982	195.36	0.06
34.20	0.00	5,959	195.35	0.06
34.30	0.00	5,937	195.35	0.06
34.40	0.00	5,914	195.35	0.06
34.50	0.00	5,892	195.34	0.06
34.60	0.00	5,871	195.34	0.06
34.70	0.00	5,849	195.33	0.06
34.80	0.00	5,828	195.33	0.06
34.90	0.00	5,808	195.32	0.06
35.00	0.00	5,787	195.32	0.06
35.10	0.00	5,767	195.32	0.06
35.20	0.00	5,748	195.31	0.05
35.30	0.00	5,728	195.31	0.05
35.40	0.00	5,710	195.31	0.05
35.50	0.00	5,691	195.30	0.05
35.60	0.00	5,673	195.30	0.05
35.70	0.00	5,655	195.29	0.05
35.80	0.00	5,637	195.29	0.05
35.90	0.00	5,620	195.29	0.05
36.00	0.00	5,603	195.28	0.05
36.10	0.00	5,587	195.28	0.05
36.20	0.00	5,571	195.28	0.04
36.30	0.00	5,555	195.27	0.04

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,539	195.27	0.04
36.50	0.00	5,524	195.27	0.04
36.60	0.00	5,510	195.27	0.04
36.70	0.00	5,496	195.26	0.04
36.80	0.00	5,482	195.26	0.04
36.90	0.00	5,468	195.26	0.04
37.00	0.00	5,455	195.25	0.04
37.10	0.00	5,442	195.25	0.04
37.20	0.00	5,429	195.25	0.03
37.30	0.00	5,417	195.25	0.03
37.40	0.00	5,405	195.24	0.03
37.50	0.00	5,394	195.24	0.03
37.60	0.00	5,382	195.24	0.03
37.70	0.00	5,371	195.24	0.03
37.80	0.00	5,360	195.24	0.03
37.90	0.00	5,350	195.23	0.03
38.00	0.00	5,340	195.23	0.03
38.10	0.00	5,330	195.23	0.03
38.20	0.00	5,320	195.23	0.03
38.30	0.00	5,310	195.23	0.03
38.40	0.00	5,301	195.22	0.03
38.50	0.00	5,292	195.22	0.02
38.60	0.00	5,283	195.22	0.02
38.70	0.00	5,274	195.22	0.02
38.80	0.00	5,266	195.22	0.02
38.90	0.00	5,258	195.22	0.02
39.00	0.00	5,250	195.21	0.02
39.10	0.00	5,242	195.21	0.02
39.20	0.00	5,234	195.21	0.02
39.30	0.00	5,227	195.21	0.02
39.40	0.00	5,219	195.21	0.02
39.50	0.00	5,212	195.21	0.02
39.60	0.00	5,205	195.20	0.02
39.70	0.00	5,199	195.20	0.02
39.80	0.00	5,192	195.20	0.02
39.90	0.00	5,186	195.20	0.02
40.00	0.00	5,179	195.20	0.02

Stage-Discharge for Pond B-37B: Basin #37B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.10
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.10
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.10
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.10
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.10
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.10
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.11
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.11
194.08	0.00	194.60	0.00	195.12	0.00	195.64	0.11
194.09	0.00	194.61	0.00	195.13	0.00	195.65	0.11
194.10	0.00	194.62	0.00	195.14	0.00	195.66	0.11
194.11	0.00	194.63	0.00	195.15	0.00	195.67	0.11
194.12	0.00	194.64	0.00	195.16	0.01	195.68	0.11
194.13	0.00	194.65	0.00	195.17	0.01	195.69	0.11
194.14	0.00	194.66	0.00	195.18	0.01	195.70	0.12
194.15	0.00	194.67	0.00	195.19	0.01	195.71	0.12
194.16	0.00	194.68	0.00	195.20	0.02	195.72	0.12
194.17	0.00	194.69	0.00	195.21	0.02	195.73	0.12
194.18	0.00	194.70	0.00	195.22	0.02	195.74	0.12
194.19	0.00	194.71	0.00	195.23	0.03	195.75	0.12
194.20	0.00	194.72	0.00	195.24	0.03	195.76	0.12
194.21	0.00	194.73	0.00	195.25	0.03	195.77	0.12
194.22	0.00	194.74	0.00	195.26	0.04	195.78	0.12
194.23	0.00	194.75	0.00	195.27	0.04	195.79	0.13
194.24	0.00	194.76	0.00	195.28	0.05	195.80	0.13
194.25	0.00	194.77	0.00	195.29	0.05	195.81	0.13
194.26	0.00	194.78	0.00	195.30	0.05	195.82	0.13
194.27	0.00	194.79	0.00	195.31	0.05	195.83	0.13
194.28	0.00	194.80	0.00	195.32	0.06	195.84	0.13
194.29	0.00	194.81	0.00	195.33	0.06	195.85	0.13
194.30	0.00	194.82	0.00	195.34	0.06	195.86	0.13
194.31	0.00	194.83	0.00	195.35	0.06	195.87	0.13
194.32	0.00	194.84	0.00	195.36	0.06	195.88	0.13
194.33	0.00	194.85	0.00	195.37	0.07	195.89	0.14
194.34	0.00	194.86	0.00	195.38	0.07	195.90	0.14
194.35	0.00	194.87	0.00	195.39	0.07	195.91	0.14
194.36	0.00	194.88	0.00	195.40	0.07	195.92	0.14
194.37	0.00	194.89	0.00	195.41	0.07	195.93	0.14
194.38	0.00	194.90	0.00	195.42	0.08	195.94	0.14
194.39	0.00	194.91	0.00	195.43	0.08	195.95	0.14
194.40	0.00	194.92	0.00	195.44	0.08	195.96	0.14
194.41	0.00	194.93	0.00	195.45	0.08	195.97	0.14
194.42	0.00	194.94	0.00	195.46	0.08	195.98	0.14
194.43	0.00	194.95	0.00	195.47	0.08	195.99	0.15
194.44	0.00	194.96	0.00	195.48	0.09	196.00	0.15
194.45	0.00	194.97	0.00	195.49	0.09	196.01	0.15
194.46	0.00	194.98	0.00	195.50	0.09	196.02	0.15
194.47	0.00	194.99	0.00	195.51	0.09	196.03	0.15
194.48	0.00	195.00	0.00	195.52	0.09	196.04	0.15
194.49	0.00	195.01	0.00	195.53	0.09	196.05	0.15
194.50	0.00	195.02	0.00	195.54	0.10	196.06	0.15
194.51	0.00	195.03	0.00	195.55	0.10	196.07	0.15

Stage-Discharge for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.15	196.60	0.19	197.12	4.60	197.64	12.35
196.09	0.15	196.61	0.19	197.13	4.74	197.65	12.36
196.10	0.16	196.62	0.20	197.14	4.87	197.66	12.37
196.11	0.16	196.63	0.20	197.15	5.01	197.67	12.38
196.12	0.16	196.64	0.21	197.16	5.14	197.68	12.40
196.13	0.16	196.65	0.23	197.17	5.28	197.69	12.41
196.14	0.16	196.66	0.27	197.18	5.42	197.70	12.42
196.15	0.16	196.67	0.30	197.19	5.56	197.71	12.44
196.16	0.16	196.68	0.35	197.20	5.70	197.72	12.45
196.17	0.16	196.69	0.39	197.21	5.84	197.73	12.46
196.18	0.16	196.70	0.44	197.22	5.99	197.74	12.47
196.19	0.16	196.71	0.50	197.23	6.13	197.75	12.49
196.20	0.16	196.72	0.55	197.24	6.28	197.76	12.50
196.21	0.16	196.73	0.61	197.25	6.42	197.77	12.51
196.22	0.17	196.74	0.68	197.26	6.57	197.78	12.52
196.23	0.17	196.75	0.74	197.27	6.72	197.79	12.54
196.24	0.17	196.76	0.81	197.28	6.87	197.80	12.55
196.25	0.17	196.77	0.89	197.29	7.02	197.81	12.56
196.26	0.17	196.78	0.96	197.30	7.17	197.82	12.57
196.27	0.17	196.79	1.04	197.31	7.32	197.83	12.59
196.28	0.17	196.80	1.12	197.32	7.48	197.84	12.60
196.29	0.17	196.81	1.20	197.33	7.63	197.85	12.61
196.30	0.17	196.82	1.28	197.34	7.79	197.86	12.63
196.31	0.17	196.83	1.37	197.35	7.94	197.87	12.64
196.32	0.17	196.84	1.46	197.36	8.10	197.88	12.65
196.33	0.17	196.85	1.55	197.37	8.26	197.89	12.66
196.34	0.17	196.86	1.64	197.38	8.42	197.90	12.68
196.35	0.18	196.87	1.73	197.39	8.58	197.91	12.69
196.36	0.18	196.88	1.83	197.40	8.74	197.92	12.70
196.37	0.18	196.89	1.92	197.41	8.90	197.93	12.71
196.38	0.18	196.90	2.02	197.42	9.07	197.94	12.73
196.39	0.18	196.91	2.13	197.43	9.23	197.95	12.74
196.40	0.18	196.92	2.23	197.44	9.39	197.96	12.87
196.41	0.18	196.93	2.33	197.45	9.56	197.97	13.09
196.42	0.18	196.94	2.44	197.46	9.73	197.98	13.38
196.43	0.18	196.95	2.55	197.47	9.89	197.99	13.73
196.44	0.18	196.96	2.66	197.48	10.06	198.00	14.11
196.45	0.18	196.97	2.77	197.49	10.23		
196.46	0.18	196.98	2.88	197.50	10.40		
196.47	0.18	196.99	2.99	197.51	10.57		
196.48	0.19	197.00	3.11	197.52	10.74		
196.49	0.19	197.01	3.23	197.53	10.92		
196.50	0.19	197.02	3.34	197.54	11.09		
196.51	0.19	197.03	3.46	197.55	11.26		
196.52	0.19	197.04	3.59	197.56	11.44		
196.53	0.19	197.05	3.71	197.57	11.61		
196.54	0.19	197.06	3.83	197.58	11.79		
196.55	0.19	197.07	3.96	197.59	11.97		
196.56	0.19	197.08	4.08	197.60	12.14		
196.57	0.19	197.09	4.21	197.61	12.31		
196.58	0.19	197.10	4.34	197.62	12.32		
196.59	0.19	197.11	4.47	197.63	12.33		

Stage-Area-Storage for Pond B-37B: Basin #37B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	3,709	0	194.52	4,237	2,066
194.01	3,719	37	194.53	4,247	2,108
194.02	3,729	74	194.54	4,257	2,151
194.03	3,739	112	194.55	4,267	2,193
194.04	3,750	149	194.56	4,277	2,236
194.05	3,760	187	194.57	4,288	2,279
194.06	3,770	224	194.58	4,298	2,322
194.07	3,780	262	194.59	4,308	2,365
194.08	3,790	300	194.60	4,318	2,408
194.09	3,800	338	194.61	4,328	2,451
194.10	3,810	376	194.62	4,338	2,495
194.11	3,821	414	194.63	4,348	2,538
194.12	3,831	452	194.64	4,359	2,582
194.13	3,841	491	194.65	4,369	2,625
194.14	3,851	529	194.66	4,379	2,669
194.15	3,861	568	194.67	4,389	2,713
194.16	3,871	606	194.68	4,399	2,757
194.17	3,882	645	194.69	4,409	2,801
194.18	3,892	684	194.70	4,419	2,845
194.19	3,902	723	194.71	4,430	2,889
194.20	3,912	762	194.72	4,440	2,934
194.21	3,922	801	194.73	4,450	2,978
194.22	3,932	841	194.74	4,460	3,023
194.23	3,942	880	194.75	4,470	3,067
194.24	3,953	919	194.76	4,480	3,112
194.25	3,963	959	194.77	4,491	3,157
194.26	3,973	999	194.78	4,501	3,202
194.27	3,983	1,038	194.79	4,511	3,247
194.28	3,993	1,078	194.80	4,521	3,292
194.29	4,003	1,118	194.81	4,531	3,337
194.30	4,014	1,158	194.82	4,541	3,383
194.31	4,024	1,199	194.83	4,551	3,428
194.32	4,034	1,239	194.84	4,562	3,474
194.33	4,044	1,279	194.85	4,572	3,519
194.34	4,054	1,320	194.86	4,582	3,565
194.35	4,064	1,360	194.87	4,592	3,611
194.36	4,074	1,401	194.88	4,602	3,657
194.37	4,085	1,442	194.89	4,612	3,703
194.38	4,095	1,483	194.90	4,623	3,749
194.39	4,105	1,524	194.91	4,633	3,795
194.40	4,115	1,565	194.92	4,643	3,842
194.41	4,125	1,606	194.93	4,653	3,888
194.42	4,135	1,647	194.94	4,663	3,935
194.43	4,145	1,689	194.95	4,673	3,982
194.44	4,156	1,730	194.96	4,683	4,028
194.45	4,166	1,772	194.97	4,694	4,075
194.46	4,176	1,814	194.98	4,704	4,122
194.47	4,186	1,855	194.99	4,714	4,169
194.48	4,196	1,897	195.00	4,724	4,217
194.49	4,206	1,939	195.01	4,735	4,264
194.50	4,217	1,981	195.02	4,745	4,311
194.51	4,227	2,024	195.03	4,756	4,359

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	4,767	4,406	195.56	5,324	7,030
195.05	4,778	4,454	195.57	5,335	7,083
195.06	4,788	4,502	195.58	5,346	7,137
195.07	4,799	4,550	195.59	5,356	7,190
195.08	4,810	4,598	195.60	5,367	7,244
195.09	4,820	4,646	195.61	5,378	7,298
195.10	4,831	4,694	195.62	5,389	7,351
195.11	4,842	4,743	195.63	5,399	7,405
195.12	4,853	4,791	195.64	5,410	7,459
195.13	4,863	4,840	195.65	5,421	7,514
195.14	4,874	4,888	195.66	5,432	7,568
195.15	4,885	4,937	195.67	5,442	7,622
195.16	4,896	4,986	195.68	5,453	7,677
195.17	4,906	5,035	195.69	5,464	7,731
195.18	4,917	5,084	195.70	5,474	7,786
195.19	4,928	5,133	195.71	5,485	7,841
195.20	4,938	5,183	195.72	5,496	7,896
195.21	4,949	5,232	195.73	5,507	7,951
195.22	4,960	5,282	195.74	5,517	8,006
195.23	4,971	5,331	195.75	5,528	8,061
195.24	4,981	5,381	195.76	5,539	8,116
195.25	4,992	5,431	195.77	5,549	8,172
195.26	5,003	5,481	195.78	5,560	8,227
195.27	5,013	5,531	195.79	5,571	8,283
195.28	5,024	5,581	195.80	5,582	8,339
195.29	5,035	5,632	195.81	5,592	8,395
195.30	5,046	5,682	195.82	5,603	8,451
195.31	5,056	5,732	195.83	5,614	8,507
195.32	5,067	5,783	195.84	5,624	8,563
195.33	5,078	5,834	195.85	5,635	8,619
195.34	5,088	5,885	195.86	5,646	8,676
195.35	5,099	5,936	195.87	5,657	8,732
195.36	5,110	5,987	195.88	5,667	8,789
195.37	5,121	6,038	195.89	5,678	8,845
195.38	5,131	6,089	195.90	5,689	8,902
195.39	5,142	6,140	195.91	5,700	8,959
195.40	5,153	6,192	195.92	5,710	9,016
195.41	5,164	6,243	195.93	5,721	9,073
195.42	5,174	6,295	195.94	5,732	9,131
195.43	5,185	6,347	195.95	5,742	9,188
195.44	5,196	6,399	195.96	5,753	9,246
195.45	5,206	6,451	195.97	5,764	9,303
195.46	5,217	6,503	195.98	5,775	9,361
195.47	5,228	6,555	195.99	5,785	9,419
195.48	5,239	6,608	196.00	5,796	9,477
195.49	5,249	6,660	196.01	5,807	9,535
195.50	5,260	6,713	196.02	5,819	9,593
195.51	5,271	6,765	196.03	5,830	9,651
195.52	5,281	6,818	196.04	5,841	9,709
195.53	5,292	6,871	196.05	5,852	9,768
195.54	5,303	6,924	196.06	5,864	9,826
195.55	5,314	6,977	196.07	5,875	9,885

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	5,886	9,944	196.60	6,473	13,157
196.09	5,898	10,003	196.61	6,484	13,222
196.10	5,909	10,062	196.62	6,495	13,287
196.11	5,920	10,121	196.63	6,507	13,352
196.12	5,931	10,180	196.64	6,518	13,417
196.13	5,943	10,240	196.65	6,529	13,482
196.14	5,954	10,299	196.66	6,540	13,548
196.15	5,965	10,359	196.67	6,552	13,613
196.16	5,976	10,418	196.68	6,563	13,679
196.17	5,988	10,478	196.69	6,574	13,744
196.18	5,999	10,538	196.70	6,586	13,810
196.19	6,010	10,598	196.71	6,597	13,876
196.20	6,022	10,658	196.72	6,608	13,942
196.21	6,033	10,719	196.73	6,619	14,008
196.22	6,044	10,779	196.74	6,631	14,074
196.23	6,055	10,839	196.75	6,642	14,141
196.24	6,067	10,900	196.76	6,653	14,207
196.25	6,078	10,961	196.77	6,665	14,274
196.26	6,089	11,022	196.78	6,676	14,341
196.27	6,101	11,083	196.79	6,687	14,407
196.28	6,112	11,144	196.80	6,698	14,474
196.29	6,123	11,205	196.81	6,710	14,541
196.30	6,134	11,266	196.82	6,721	14,608
196.31	6,146	11,327	196.83	6,732	14,676
196.32	6,157	11,389	196.84	6,744	14,743
196.33	6,168	11,451	196.85	6,755	14,811
196.34	6,180	11,512	196.86	6,766	14,878
196.35	6,191	11,574	196.87	6,777	14,946
196.36	6,202	11,636	196.88	6,789	15,014
196.37	6,213	11,698	196.89	6,800	15,082
196.38	6,225	11,760	196.90	6,811	15,150
196.39	6,236	11,823	196.91	6,822	15,218
196.40	6,247	11,885	196.92	6,834	15,286
196.41	6,258	11,948	196.93	6,845	15,355
196.42	6,270	12,010	196.94	6,856	15,423
196.43	6,281	12,073	196.95	6,868	15,492
196.44	6,292	12,136	196.96	6,879	15,560
196.45	6,304	12,199	196.97	6,890	15,629
196.46	6,315	12,262	196.98	6,901	15,698
196.47	6,326	12,325	196.99	6,913	15,767
196.48	6,337	12,389	197.00	6,924	15,837
196.49	6,349	12,452	197.01	6,936	15,906
196.50	6,360	12,516	197.02	6,948	15,975
196.51	6,371	12,579	197.03	6,960	16,045
196.52	6,383	12,643	197.04	6,971	16,114
196.53	6,394	12,707	197.05	6,983	16,184
196.54	6,405	12,771	197.06	6,995	16,254
196.55	6,416	12,835	197.07	7,007	16,324
196.56	6,428	12,899	197.08	7,019	16,394
196.57	6,439	12,963	197.09	7,031	16,464
196.58	6,450	13,028	197.10	7,042	16,535
196.59	6,462	13,092	197.11	7,054	16,605

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	7,066	16,676	197.64	7,682	20,510
197.13	7,078	16,747	197.65	7,694	20,587
197.14	7,090	16,817	197.66	7,705	20,664
197.15	7,102	16,888	197.67	7,717	20,741
197.16	7,113	16,959	197.68	7,729	20,819
197.17	7,125	17,031	197.69	7,741	20,896
197.18	7,137	17,102	197.70	7,753	20,973
197.19	7,149	17,173	197.71	7,765	21,051
197.20	7,161	17,245	197.72	7,776	21,129
197.21	7,173	17,317	197.73	7,788	21,206
197.22	7,184	17,388	197.74	7,800	21,284
197.23	7,196	17,460	197.75	7,812	21,363
197.24	7,208	17,532	197.76	7,824	21,441
197.25	7,220	17,605	197.77	7,836	21,519
197.26	7,232	17,677	197.78	7,848	21,597
197.27	7,244	17,749	197.79	7,859	21,676
197.28	7,256	17,822	197.80	7,871	21,755
197.29	7,267	17,894	197.81	7,883	21,833
197.30	7,279	17,967	197.82	7,895	21,912
197.31	7,291	18,040	197.83	7,907	21,991
197.32	7,303	18,113	197.84	7,919	22,070
197.33	7,315	18,186	197.85	7,930	22,150
197.34	7,327	18,259	197.86	7,942	22,229
197.35	7,338	18,332	197.87	7,954	22,308
197.36	7,350	18,406	197.88	7,966	22,388
197.37	7,362	18,479	197.89	7,978	22,468
197.38	7,374	18,553	197.90	7,990	22,548
197.39	7,386	18,627	197.91	8,001	22,628
197.40	7,398	18,701	197.92	8,013	22,708
197.41	7,409	18,775	197.93	8,025	22,788
197.42	7,421	18,849	197.94	8,037	22,868
197.43	7,433	18,923	197.95	8,049	22,949
197.44	7,445	18,998	197.96	8,061	23,029
197.45	7,457	19,072	197.97	8,072	23,110
197.46	7,469	19,147	197.98	8,084	23,191
197.47	7,480	19,222	197.99	8,096	23,271
197.48	7,492	19,296	198.00	8,108	23,353
197.49	7,504	19,371			
197.50	7,516	19,447			
197.51	7,528	19,522			
197.52	7,540	19,597			
197.53	7,552	19,673			
197.54	7,563	19,748			
197.55	7,575	19,824			
197.56	7,587	19,900			
197.57	7,599	19,976			
197.58	7,611	20,052			
197.59	7,623	20,128			
197.60	7,634	20,204			
197.61	7,646	20,280			
197.62	7,658	20,357			
197.63	7,670	20,434			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 1.83" for Current 2 yr event
 Inflow = 3.90 cfs @ 12.18 hrs, Volume= 0.322 af
 Outflow = 0.16 cfs @ 15.08 hrs, Volume= 0.238 af, Atten= 96%, Lag= 174.5 min
 Primary = 0.16 cfs @ 15.08 hrs, Volume= 0.238 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 206.64' @ 15.08 hrs Surf.Area= 6,557 sf Storage= 9,525 cf

Plug-Flow detention time= 642.8 min calculated for 0.238 af (74% of inflow)
 Center-of-Mass det. time= 544.7 min (1,348.0 - 803.2)

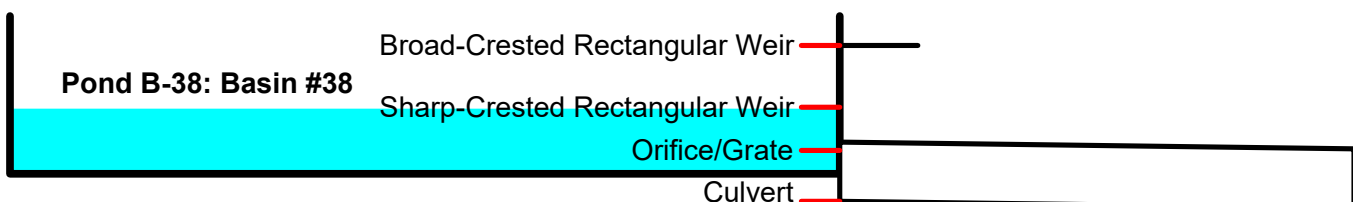
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	27,741 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	5,096	0	0
206.00	5,966	5,531	5,531
207.00	6,893	6,430	11,961
208.00	7,876	7,385	19,345
209.00	8,916	8,396	27,741

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.59'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.69'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	208.25'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

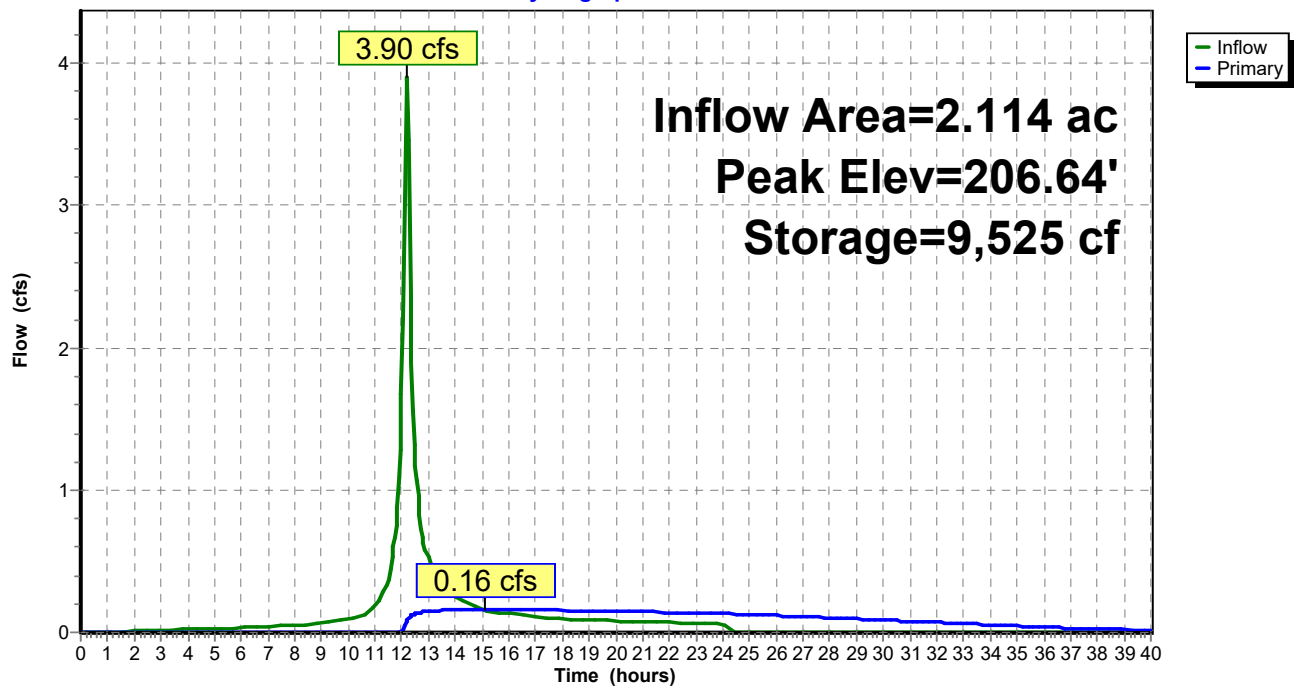
Primary OutFlow Max=0.16 cfs @ 15.08 hrs HW=206.64' (Free Discharge)

1=Culvert (Passes 0.16 cfs of 9.82 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.68 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.00	0	205.00	0.00
0.60	0.00	0	205.00	0.00
0.70	0.00	0	205.00	0.00
0.80	0.00	0	205.00	0.00
0.90	0.00	0	205.00	0.00
1.00	0.00	0	205.00	0.00
1.10	0.00	0	205.00	0.00
1.20	0.00	0	205.00	0.00
1.30	0.00	0	205.00	0.00
1.40	0.00	0	205.00	0.00
1.50	0.00	1	205.00	0.00
1.60	0.00	2	205.00	0.00
1.70	0.00	4	205.00	0.00
1.80	0.01	5	205.00	0.00
1.90	0.01	7	205.00	0.00
2.00	0.01	10	205.00	0.00
2.10	0.01	12	205.00	0.00
2.20	0.01	15	205.00	0.00
2.30	0.01	18	205.00	0.00
2.40	0.01	22	205.00	0.00
2.50	0.01	26	205.01	0.00
2.60	0.01	30	205.01	0.00
2.70	0.01	34	205.01	0.00
2.80	0.01	39	205.01	0.00
2.90	0.01	44	205.01	0.00
3.00	0.01	49	205.01	0.00
3.10	0.02	54	205.01	0.00
3.20	0.02	60	205.01	0.00
3.30	0.02	66	205.01	0.00
3.40	0.02	72	205.01	0.00
3.50	0.02	78	205.02	0.00
3.60	0.02	84	205.02	0.00
3.70	0.02	91	205.02	0.00
3.80	0.02	98	205.02	0.00
3.90	0.02	105	205.02	0.00
4.00	0.02	113	205.02	0.00
4.10	0.02	120	205.02	0.00
4.20	0.02	128	205.03	0.00
4.30	0.02	136	205.03	0.00
4.40	0.02	144	205.03	0.00
4.50	0.02	152	205.03	0.00
4.60	0.02	161	205.03	0.00
4.70	0.02	170	205.03	0.00
4.80	0.02	179	205.03	0.00
4.90	0.03	188	205.04	0.00
5.00	0.03	197	205.04	0.00
5.10	0.03	206	205.04	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	216	205.04	0.00
5.30	0.03	226	205.04	0.00
5.40	0.03	236	205.05	0.00
5.50	0.03	246	205.05	0.00
5.60	0.03	256	205.05	0.00
5.70	0.03	266	205.05	0.00
5.80	0.03	277	205.05	0.00
5.90	0.03	288	205.06	0.00
6.00	0.03	299	205.06	0.00
6.10	0.03	310	205.06	0.00
6.20	0.03	321	205.06	0.00
6.30	0.03	333	205.06	0.00
6.40	0.03	345	205.07	0.00
6.50	0.04	357	205.07	0.00
6.60	0.04	370	205.07	0.00
6.70	0.04	383	205.07	0.00
6.80	0.04	397	205.08	0.00
6.90	0.04	411	205.08	0.00
7.00	0.04	425	205.08	0.00
7.10	0.04	440	205.09	0.00
7.20	0.04	455	205.09	0.00
7.30	0.04	470	205.09	0.00
7.40	0.04	486	205.09	0.00
7.50	0.05	502	205.10	0.00
7.60	0.05	519	205.10	0.00
7.70	0.05	536	205.10	0.00
7.80	0.05	553	205.11	0.00
7.90	0.05	571	205.11	0.00
8.00	0.05	589	205.11	0.00
8.10	0.05	607	205.12	0.00
8.20	0.05	626	205.12	0.00
8.30	0.05	646	205.13	0.00
8.40	0.06	665	205.13	0.00
8.50	0.06	686	205.13	0.00
8.60	0.06	706	205.14	0.00
8.70	0.06	727	205.14	0.00
8.80	0.06	748	205.14	0.00
8.90	0.06	770	205.15	0.00
9.00	0.06	792	205.15	0.00
9.10	0.06	815	205.16	0.00
9.20	0.07	838	205.16	0.00
9.30	0.07	863	205.17	0.00
9.40	0.07	888	205.17	0.00
9.50	0.08	916	205.18	0.00
9.60	0.08	944	205.18	0.00
9.70	0.08	974	205.19	0.00
9.80	0.09	1,005	205.19	0.00
9.90	0.09	1,038	205.20	0.00
10.00	0.10	1,071	205.21	0.00
10.10	0.10	1,107	205.21	0.00
10.20	0.10	1,143	205.22	0.00
10.30	0.11	1,181	205.23	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,220	205.23	0.00
10.50	0.11	1,261	205.24	0.00
10.60	0.12	1,303	205.25	0.00
10.70	0.13	1,349	205.26	0.00
10.80	0.15	1,400	205.27	0.00
10.90	0.17	1,457	205.28	0.00
11.00	0.19	1,520	205.29	0.00
11.10	0.21	1,591	205.30	0.00
11.20	0.24	1,672	205.32	0.00
11.30	0.28	1,765	205.34	0.00
11.40	0.32	1,872	205.36	0.00
11.50	0.36	1,994	205.38	0.00
11.60	0.44	2,135	205.40	0.00
11.70	0.60	2,323	205.44	0.00
11.80	0.75	2,564	205.48	0.00
11.90	1.05	2,883	205.54	0.00
12.00	1.67	3,360	205.63	0.00
12.10	3.00	4,170	205.77	0.04
12.20	3.82	5,445	205.99	0.09
12.30	2.38	6,523	206.16	0.11
12.40	1.56	7,177	206.27	0.12
12.50	1.17	7,614	206.34	0.13
12.60	0.96	7,949	206.39	0.14
12.70	0.73	8,199	206.43	0.14
12.80	0.63	8,390	206.46	0.14
12.90	0.57	8,554	206.49	0.15
13.00	0.52	8,696	206.51	0.15
13.10	0.46	8,818	206.53	0.15
13.20	0.42	8,922	206.55	0.15
13.30	0.38	9,010	206.56	0.15
13.40	0.35	9,087	206.57	0.15
13.50	0.32	9,154	206.58	0.15
13.60	0.29	9,209	206.59	0.16
13.70	0.27	9,254	206.60	0.16
13.80	0.26	9,293	206.60	0.16
13.90	0.25	9,328	206.61	0.16
14.00	0.24	9,360	206.61	0.16
14.10	0.23	9,389	206.62	0.16
14.20	0.23	9,415	206.62	0.16
14.30	0.22	9,439	206.62	0.16
14.40	0.21	9,459	206.63	0.16
14.50	0.20	9,477	206.63	0.16
14.60	0.20	9,492	206.63	0.16
14.70	0.19	9,505	206.63	0.16
14.80	0.18	9,514	206.64	0.16
14.90	0.17	9,521	206.64	0.16
15.00	0.17	9,524	206.64	0.16
15.10	0.16	9,525	206.64	0.16
15.20	0.15	9,524	206.64	0.16
15.30	0.15	9,520	206.64	0.16
15.40	0.15	9,516	206.64	0.16
15.50	0.14	9,511	206.64	0.16

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	9,505	206.63	0.16
15.70	0.14	9,499	206.63	0.16
15.80	0.14	9,491	206.63	0.16
15.90	0.14	9,483	206.63	0.16
16.00	0.13	9,475	206.63	0.16
16.10	0.13	9,466	206.63	0.16
16.20	0.13	9,456	206.63	0.16
16.30	0.13	9,445	206.63	0.16
16.40	0.13	9,434	206.62	0.16
16.50	0.12	9,422	206.62	0.16
16.60	0.12	9,409	206.62	0.16
16.70	0.12	9,396	206.62	0.16
16.80	0.12	9,382	206.62	0.16
16.90	0.12	9,367	206.61	0.16
17.00	0.11	9,352	206.61	0.16
17.10	0.11	9,336	206.61	0.16
17.20	0.11	9,319	206.61	0.16
17.30	0.11	9,302	206.60	0.16
17.40	0.11	9,284	206.60	0.16
17.50	0.10	9,265	206.60	0.16
17.60	0.10	9,246	206.60	0.16
17.70	0.10	9,226	206.59	0.16
17.80	0.10	9,205	206.59	0.16
17.90	0.09	9,184	206.59	0.15
18.00	0.09	9,162	206.58	0.15
18.10	0.09	9,139	206.58	0.15
18.20	0.09	9,116	206.58	0.15
18.30	0.09	9,092	206.57	0.15
18.40	0.09	9,069	206.57	0.15
18.50	0.09	9,045	206.56	0.15
18.60	0.09	9,021	206.56	0.15
18.70	0.09	8,997	206.56	0.15
18.80	0.09	8,973	206.55	0.15
18.90	0.08	8,949	206.55	0.15
19.00	0.08	8,925	206.55	0.15
19.10	0.08	8,900	206.54	0.15
19.20	0.08	8,876	206.54	0.15
19.30	0.08	8,852	206.53	0.15
19.40	0.08	8,827	206.53	0.15
19.50	0.08	8,803	206.53	0.15
19.60	0.08	8,778	206.52	0.15
19.70	0.08	8,754	206.52	0.15
19.80	0.08	8,729	206.52	0.15
19.90	0.08	8,705	206.51	0.15
20.00	0.08	8,680	206.51	0.15
20.10	0.08	8,655	206.50	0.15
20.20	0.08	8,630	206.50	0.15
20.30	0.08	8,605	206.50	0.15
20.40	0.08	8,580	206.49	0.15
20.50	0.08	8,555	206.49	0.15
20.60	0.08	8,530	206.48	0.15
20.70	0.08	8,505	206.48	0.15

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	8,480	206.48	0.15
20.90	0.07	8,455	206.47	0.14
21.00	0.07	8,429	206.47	0.14
21.10	0.07	8,404	206.46	0.14
21.20	0.07	8,378	206.46	0.14
21.30	0.07	8,353	206.46	0.14
21.40	0.07	8,327	206.45	0.14
21.50	0.07	8,302	206.45	0.14
21.60	0.07	8,276	206.44	0.14
21.70	0.07	8,250	206.44	0.14
21.80	0.07	8,225	206.44	0.14
21.90	0.07	8,199	206.43	0.14
22.00	0.07	8,173	206.43	0.14
22.10	0.07	8,147	206.42	0.14
22.20	0.07	8,121	206.42	0.14
22.30	0.07	8,095	206.42	0.14
22.40	0.07	8,069	206.41	0.14
22.50	0.07	8,043	206.41	0.14
22.60	0.07	8,017	206.40	0.14
22.70	0.07	7,991	206.40	0.14
22.80	0.06	7,965	206.40	0.14
22.90	0.06	7,938	206.39	0.14
23.00	0.06	7,912	206.39	0.14
23.10	0.06	7,886	206.38	0.14
23.20	0.06	7,859	206.38	0.14
23.30	0.06	7,833	206.37	0.14
23.40	0.06	7,806	206.37	0.13
23.50	0.06	7,780	206.37	0.13
23.60	0.06	7,753	206.36	0.13
23.70	0.06	7,726	206.36	0.13
23.80	0.06	7,700	206.35	0.13
23.90	0.06	7,673	206.35	0.13
24.00	0.06	7,647	206.35	0.13
24.10	0.05	7,621	206.34	0.13
24.20	0.01	7,585	206.34	0.13
24.30	0.00	7,541	206.33	0.13
24.40	0.00	7,494	206.32	0.13
24.50	0.00	7,448	206.31	0.13
24.60	0.00	7,401	206.31	0.13
24.70	0.00	7,355	206.30	0.13
24.80	0.00	7,310	206.29	0.13
24.90	0.00	7,264	206.28	0.13
25.00	0.00	7,219	206.28	0.13
25.10	0.00	7,174	206.27	0.12
25.20	0.00	7,129	206.26	0.12
25.30	0.00	7,085	206.26	0.12
25.40	0.00	7,041	206.25	0.12
25.50	0.00	6,997	206.24	0.12
25.60	0.00	6,953	206.23	0.12
25.70	0.00	6,910	206.23	0.12
25.80	0.00	6,867	206.22	0.12
25.90	0.00	6,824	206.21	0.12

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,782	206.21	0.12
26.10	0.00	6,740	206.20	0.12
26.20	0.00	6,698	206.19	0.12
26.30	0.00	6,656	206.19	0.12
26.40	0.00	6,615	206.18	0.11
26.50	0.00	6,574	206.17	0.11
26.60	0.00	6,533	206.17	0.11
26.70	0.00	6,493	206.16	0.11
26.80	0.00	6,453	206.15	0.11
26.90	0.00	6,413	206.15	0.11
27.00	0.00	6,373	206.14	0.11
27.10	0.00	6,334	206.13	0.11
27.20	0.00	6,295	206.13	0.11
27.30	0.00	6,256	206.12	0.11
27.40	0.00	6,218	206.11	0.11
27.50	0.00	6,180	206.11	0.11
27.60	0.00	6,142	206.10	0.10
27.70	0.00	6,104	206.10	0.10
27.80	0.00	6,067	206.09	0.10
27.90	0.00	6,030	206.08	0.10
28.00	0.00	5,993	206.08	0.10
28.10	0.00	5,957	206.07	0.10
28.20	0.00	5,921	206.06	0.10
28.30	0.00	5,885	206.06	0.10
28.40	0.00	5,849	206.05	0.10
28.50	0.00	5,814	206.05	0.10
28.60	0.00	5,779	206.04	0.10
28.70	0.00	5,745	206.04	0.10
28.80	0.00	5,710	206.03	0.10
28.90	0.00	5,676	206.02	0.09
29.00	0.00	5,642	206.02	0.09
29.10	0.00	5,609	206.01	0.09
29.20	0.00	5,576	206.01	0.09
29.30	0.00	5,543	206.00	0.09
29.40	0.00	5,510	206.00	0.09
29.50	0.00	5,478	205.99	0.09
29.60	0.00	5,446	205.99	0.09
29.70	0.00	5,414	205.98	0.09
29.80	0.00	5,382	205.98	0.09
29.90	0.00	5,351	205.97	0.09
30.00	0.00	5,320	205.96	0.09
30.10	0.00	5,290	205.96	0.08
30.20	0.00	5,260	205.95	0.08
30.30	0.00	5,230	205.95	0.08
30.40	0.00	5,200	205.94	0.08
30.50	0.00	5,171	205.94	0.08
30.60	0.00	5,142	205.93	0.08
30.70	0.00	5,113	205.93	0.08
30.80	0.00	5,084	205.92	0.08
30.90	0.00	5,056	205.92	0.08
31.00	0.00	5,028	205.92	0.08
31.10	0.00	5,000	205.91	0.08

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,973	205.91	0.08
31.30	0.00	4,946	205.90	0.07
31.40	0.00	4,919	205.90	0.07
31.50	0.00	4,893	205.89	0.07
31.60	0.00	4,867	205.89	0.07
31.70	0.00	4,841	205.88	0.07
31.80	0.00	4,816	205.88	0.07
31.90	0.00	4,790	205.87	0.07
32.00	0.00	4,765	205.87	0.07
32.10	0.00	4,741	205.87	0.07
32.20	0.00	4,716	205.86	0.07
32.30	0.00	4,692	205.86	0.07
32.40	0.00	4,669	205.85	0.07
32.50	0.00	4,645	205.85	0.06
32.60	0.00	4,622	205.85	0.06
32.70	0.00	4,599	205.84	0.06
32.80	0.00	4,577	205.84	0.06
32.90	0.00	4,554	205.83	0.06
33.00	0.00	4,533	205.83	0.06
33.10	0.00	4,511	205.83	0.06
33.20	0.00	4,490	205.82	0.06
33.30	0.00	4,469	205.82	0.06
33.40	0.00	4,448	205.82	0.06
33.50	0.00	4,427	205.81	0.06
33.60	0.00	4,407	205.81	0.06
33.70	0.00	4,388	205.81	0.05
33.80	0.00	4,368	205.80	0.05
33.90	0.00	4,349	205.80	0.05
34.00	0.00	4,330	205.80	0.05
34.10	0.00	4,311	205.79	0.05
34.20	0.00	4,293	205.79	0.05
34.30	0.00	4,275	205.79	0.05
34.40	0.00	4,257	205.78	0.05
34.50	0.00	4,240	205.78	0.05
34.60	0.00	4,223	205.78	0.05
34.70	0.00	4,206	205.77	0.05
34.80	0.00	4,190	205.77	0.05
34.90	0.00	4,174	205.77	0.04
35.00	0.00	4,158	205.77	0.04
35.10	0.00	4,143	205.76	0.04
35.20	0.00	4,127	205.76	0.04
35.30	0.00	4,112	205.76	0.04
35.40	0.00	4,098	205.76	0.04
35.50	0.00	4,083	205.75	0.04
35.60	0.00	4,070	205.75	0.04
35.70	0.00	4,056	205.75	0.04
35.80	0.00	4,042	205.75	0.04
35.90	0.00	4,029	205.74	0.04
36.00	0.00	4,017	205.74	0.04
36.10	0.00	4,004	205.74	0.03
36.20	0.00	3,992	205.74	0.03
36.30	0.00	3,980	205.73	0.03

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,968	205.73	0.03
36.50	0.00	3,957	205.73	0.03
36.60	0.00	3,946	205.73	0.03
36.70	0.00	3,935	205.73	0.03
36.80	0.00	3,924	205.73	0.03
36.90	0.00	3,914	205.72	0.03
37.00	0.00	3,904	205.72	0.03
37.10	0.00	3,894	205.72	0.03
37.20	0.00	3,884	205.72	0.03
37.30	0.00	3,874	205.72	0.03
37.40	0.00	3,865	205.71	0.03
37.50	0.00	3,856	205.71	0.03
37.60	0.00	3,847	205.71	0.02
37.70	0.00	3,838	205.71	0.02
37.80	0.00	3,829	205.71	0.02
37.90	0.00	3,821	205.71	0.02
38.00	0.00	3,813	205.71	0.02
38.10	0.00	3,804	205.70	0.02
38.20	0.00	3,796	205.70	0.02
38.30	0.00	3,789	205.70	0.02
38.40	0.00	3,781	205.70	0.02
38.50	0.00	3,774	205.70	0.02
38.60	0.00	3,766	205.70	0.02
38.70	0.00	3,759	205.70	0.02
38.80	0.00	3,752	205.70	0.02
38.90	0.00	3,745	205.69	0.02
39.00	0.00	3,738	205.69	0.02
39.10	0.00	3,732	205.69	0.02
39.20	0.00	3,725	205.69	0.02
39.30	0.00	3,719	205.69	0.02
39.40	0.00	3,713	205.69	0.02
39.50	0.00	3,707	205.69	0.02
39.60	0.00	3,701	205.69	0.02
39.70	0.00	3,695	205.69	0.02
39.80	0.00	3,689	205.68	0.02
39.90	0.00	3,684	205.68	0.02
40.00	0.00	3,678	205.68	0.02

Stage-Discharge for Pond B-38: Basin #38

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.00	206.04	0.10	206.56	0.15
205.01	0.00	205.53	0.00	206.05	0.10	206.57	0.15
205.02	0.00	205.54	0.00	206.06	0.10	206.58	0.15
205.03	0.00	205.55	0.00	206.07	0.10	206.59	0.16
205.04	0.00	205.56	0.00	206.08	0.10	206.60	0.16
205.05	0.00	205.57	0.00	206.09	0.10	206.61	0.16
205.06	0.00	205.58	0.00	206.10	0.10	206.62	0.16
205.07	0.00	205.59	0.00	206.11	0.11	206.63	0.16
205.08	0.00	205.60	0.00	206.12	0.11	206.64	0.16
205.09	0.00	205.61	0.00	206.13	0.11	206.65	0.16
205.10	0.00	205.62	0.00	206.14	0.11	206.66	0.16
205.11	0.00	205.63	0.00	206.15	0.11	206.67	0.16
205.12	0.00	205.64	0.00	206.16	0.11	206.68	0.16
205.13	0.00	205.65	0.01	206.17	0.11	206.69	0.16
205.14	0.00	205.66	0.01	206.18	0.11	206.70	0.18
205.15	0.00	205.67	0.01	206.19	0.12	206.71	0.20
205.16	0.00	205.68	0.01	206.20	0.12	206.72	0.23
205.17	0.00	205.69	0.02	206.21	0.12	206.73	0.27
205.18	0.00	205.70	0.02	206.22	0.12	206.74	0.31
205.19	0.00	205.71	0.02	206.23	0.12	206.75	0.36
205.20	0.00	205.72	0.03	206.24	0.12	206.76	0.41
205.21	0.00	205.73	0.03	206.25	0.12	206.77	0.47
205.22	0.00	205.74	0.03	206.26	0.12	206.78	0.52
205.23	0.00	205.75	0.04	206.27	0.12	206.79	0.58
205.24	0.00	205.76	0.04	206.28	0.13	206.80	0.65
205.25	0.00	205.77	0.05	206.29	0.13	206.81	0.71
205.26	0.00	205.78	0.05	206.30	0.13	206.82	0.78
205.27	0.00	205.79	0.05	206.31	0.13	206.83	0.86
205.28	0.00	205.80	0.05	206.32	0.13	206.84	0.93
205.29	0.00	205.81	0.06	206.33	0.13	206.85	1.01
205.30	0.00	205.82	0.06	206.34	0.13	206.86	1.09
205.31	0.00	205.83	0.06	206.35	0.13	206.87	1.17
205.32	0.00	205.84	0.06	206.36	0.13	206.88	1.25
205.33	0.00	205.85	0.06	206.37	0.13	206.89	1.34
205.34	0.00	205.86	0.07	206.38	0.14	206.90	1.43
205.35	0.00	205.87	0.07	206.39	0.14	206.91	1.52
205.36	0.00	205.88	0.07	206.40	0.14	206.92	1.61
205.37	0.00	205.89	0.07	206.41	0.14	206.93	1.70
205.38	0.00	205.90	0.07	206.42	0.14	206.94	1.80
205.39	0.00	205.91	0.08	206.43	0.14	206.95	1.90
205.40	0.00	205.92	0.08	206.44	0.14	206.96	1.99
205.41	0.00	205.93	0.08	206.45	0.14	206.97	2.10
205.42	0.00	205.94	0.08	206.46	0.14	206.98	2.20
205.43	0.00	205.95	0.08	206.47	0.14	206.99	2.30
205.44	0.00	205.96	0.08	206.48	0.15	207.00	2.41
205.45	0.00	205.97	0.09	206.49	0.15	207.01	2.52
205.46	0.00	205.98	0.09	206.50	0.15	207.02	2.63
205.47	0.00	205.99	0.09	206.51	0.15	207.03	2.74
205.48	0.00	206.00	0.09	206.52	0.15	207.04	2.85
205.49	0.00	206.01	0.09	206.53	0.15	207.05	2.97
205.50	0.00	206.02	0.09	206.54	0.15	207.06	3.08
205.51	0.00	206.03	0.10	206.55	0.15	207.07	3.20

Stage-Discharge for Pond B-38: Basin #38 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	11.06	208.12	14.91	208.64	47.04
207.09	3.44	207.61	11.24	208.13	14.93	208.65	48.37
207.10	3.56	207.62	11.41	208.14	14.96	208.66	49.76
207.11	3.68	207.63	11.59	208.15	14.98	208.67	51.18
207.12	3.80	207.64	11.77	208.16	15.01	208.68	52.62
207.13	3.93	207.65	11.94	208.17	15.03	208.69	54.08
207.14	4.06	207.66	12.12	208.18	15.05	208.70	55.58
207.15	4.18	207.67	12.30	208.19	15.08	208.71	57.09
207.16	4.31	207.68	12.48	208.20	15.10	208.72	58.64
207.17	4.44	207.69	12.66	208.21	15.13	208.73	60.21
207.18	4.58	207.70	12.84	208.22	15.15	208.74	61.81
207.19	4.71	207.71	13.02	208.23	15.17	208.75	63.43
207.20	4.84	207.72	13.20	208.24	15.20	208.76	65.08
207.21	4.98	207.73	13.39	208.25	15.22	208.77	66.76
207.22	5.12	207.74	13.57	208.26	15.36	208.78	68.46
207.23	5.25	207.75	13.75	208.27	15.60	208.79	70.19
207.24	5.39	207.76	13.94	208.28	15.90	208.80	71.95
207.25	5.53	207.77	14.03	208.29	16.25	208.81	73.73
207.26	5.67	207.78	14.06	208.30	16.65	208.82	75.54
207.27	5.82	207.79	14.08	208.31	17.09	208.83	77.38
207.28	5.96	207.80	14.11	208.32	17.56	208.84	79.24
207.29	6.10	207.81	14.14	208.33	18.07	208.85	81.14
207.30	6.25	207.82	14.16	208.34	18.61	208.86	82.78
207.31	6.40	207.83	14.19	208.35	19.17	208.87	84.45
207.32	6.54	207.84	14.21	208.36	19.77	208.88	86.12
207.33	6.69	207.85	14.24	208.37	20.40	208.89	87.81
207.34	6.84	207.86	14.26	208.38	21.05	208.90	89.51
207.35	6.99	207.87	14.29	208.39	21.72	208.91	91.23
207.36	7.14	207.88	14.31	208.40	22.42	208.92	92.96
207.37	7.30	207.89	14.34	208.41	23.14	208.93	94.70
207.38	7.45	207.90	14.36	208.42	23.89	208.94	96.45
207.39	7.61	207.91	14.39	208.43	24.66	208.95	98.22
207.40	7.76	207.92	14.41	208.44	25.44	208.96	100.00
207.41	7.92	207.93	14.44	208.45	26.25	208.97	101.79
207.42	8.08	207.94	14.46	208.46	27.12	208.98	103.60
207.43	8.23	207.95	14.49	208.47	28.02	208.99	105.42
207.44	8.39	207.96	14.51	208.48	28.94	209.00	107.25
207.45	8.55	207.97	14.54	208.49	29.89		
207.46	8.72	207.98	14.56	208.50	30.86		
207.47	8.88	207.99	14.59	208.51	31.85		
207.48	9.04	208.00	14.61	208.52	32.88		
207.49	9.20	208.01	14.64	208.53	33.92		
207.50	9.37	208.02	14.66	208.54	34.99		
207.51	9.54	208.03	14.69	208.55	36.09		
207.52	9.70	208.04	14.71	208.56	37.21		
207.53	9.87	208.05	14.74	208.57	38.35		
207.54	10.04	208.06	14.76	208.58	39.52		
207.55	10.21	208.07	14.79	208.59	40.71		
207.56	10.38	208.08	14.81	208.60	41.93		
207.57	10.55	208.09	14.84	208.61	43.17		
207.58	10.72	208.10	14.86	208.62	44.43		
207.59	10.89	208.11	14.88	208.63	45.72		

Stage-Area-Storage for Pond B-38: Basin #38

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	5,096	0	205.52	5,548	2,768
205.01	5,105	51	205.53	5,557	2,823
205.02	5,113	102	205.54	5,566	2,879
205.03	5,122	153	205.55	5,575	2,934
205.04	5,131	205	205.56	5,583	2,990
205.05	5,140	256	205.57	5,592	3,046
205.06	5,148	307	205.58	5,601	3,102
205.07	5,157	359	205.59	5,609	3,158
205.08	5,166	410	205.60	5,618	3,214
205.09	5,174	462	205.61	5,627	3,270
205.10	5,183	514	205.62	5,635	3,327
205.11	5,192	566	205.63	5,644	3,383
205.12	5,200	618	205.64	5,653	3,440
205.13	5,209	670	205.65	5,662	3,496
205.14	5,218	722	205.66	5,670	3,553
205.15	5,227	774	205.67	5,679	3,610
205.16	5,235	826	205.68	5,688	3,666
205.17	5,244	879	205.69	5,696	3,723
205.18	5,253	931	205.70	5,705	3,780
205.19	5,261	984	205.71	5,714	3,837
205.20	5,270	1,037	205.72	5,722	3,895
205.21	5,279	1,089	205.73	5,731	3,952
205.22	5,287	1,142	205.74	5,740	4,009
205.23	5,296	1,195	205.75	5,749	4,067
205.24	5,305	1,248	205.76	5,757	4,124
205.25	5,314	1,301	205.77	5,766	4,182
205.26	5,322	1,354	205.78	5,775	4,240
205.27	5,331	1,408	205.79	5,783	4,297
205.28	5,340	1,461	205.80	5,792	4,355
205.29	5,348	1,514	205.81	5,801	4,413
205.30	5,357	1,568	205.82	5,809	4,471
205.31	5,366	1,622	205.83	5,818	4,529
205.32	5,374	1,675	205.84	5,827	4,588
205.33	5,383	1,729	205.85	5,835	4,646
205.34	5,392	1,783	205.86	5,844	4,704
205.35	5,400	1,837	205.87	5,853	4,763
205.36	5,409	1,891	205.88	5,862	4,821
205.37	5,418	1,945	205.89	5,870	4,880
205.38	5,427	1,999	205.90	5,879	4,939
205.39	5,435	2,054	205.91	5,888	4,998
205.40	5,444	2,108	205.92	5,896	5,057
205.41	5,453	2,162	205.93	5,905	5,116
205.42	5,461	2,217	205.94	5,914	5,175
205.43	5,470	2,272	205.95	5,922	5,234
205.44	5,479	2,326	205.96	5,931	5,293
205.45	5,487	2,381	205.97	5,940	5,352
205.46	5,496	2,436	205.98	5,949	5,412
205.47	5,505	2,491	205.99	5,957	5,471
205.48	5,514	2,546	206.00	5,966	5,531
205.49	5,522	2,601	206.01	5,975	5,591
205.50	5,531	2,657	206.02	5,985	5,651
205.51	5,540	2,712	206.03	5,994	5,710

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	6,003	5,770	206.56	6,485	9,017
206.05	6,012	5,830	206.57	6,494	9,082
206.06	6,022	5,891	206.58	6,504	9,147
206.07	6,031	5,951	206.59	6,513	9,212
206.08	6,040	6,011	206.60	6,522	9,277
206.09	6,049	6,072	206.61	6,531	9,343
206.10	6,059	6,132	206.62	6,541	9,408
206.11	6,068	6,193	206.63	6,550	9,474
206.12	6,077	6,254	206.64	6,559	9,539
206.13	6,087	6,314	206.65	6,569	9,605
206.14	6,096	6,375	206.66	6,578	9,670
206.15	6,105	6,436	206.67	6,587	9,736
206.16	6,114	6,497	206.68	6,596	9,802
206.17	6,124	6,559	206.69	6,606	9,868
206.18	6,133	6,620	206.70	6,615	9,934
206.19	6,142	6,681	206.71	6,624	10,001
206.20	6,151	6,743	206.72	6,633	10,067
206.21	6,161	6,804	206.73	6,643	10,133
206.22	6,170	6,866	206.74	6,652	10,200
206.23	6,179	6,928	206.75	6,661	10,266
206.24	6,188	6,990	206.76	6,671	10,333
206.25	6,198	7,051	206.77	6,680	10,400
206.26	6,207	7,113	206.78	6,689	10,466
206.27	6,216	7,176	206.79	6,698	10,533
206.28	6,226	7,238	206.80	6,708	10,600
206.29	6,235	7,300	206.81	6,717	10,668
206.30	6,244	7,363	206.82	6,726	10,735
206.31	6,253	7,425	206.83	6,735	10,802
206.32	6,263	7,488	206.84	6,745	10,869
206.33	6,272	7,550	206.85	6,754	10,937
206.34	6,281	7,613	206.86	6,763	11,005
206.35	6,290	7,676	206.87	6,772	11,072
206.36	6,300	7,739	206.88	6,782	11,140
206.37	6,309	7,802	206.89	6,791	11,208
206.38	6,318	7,865	206.90	6,800	11,276
206.39	6,328	7,928	206.91	6,810	11,344
206.40	6,337	7,992	206.92	6,819	11,412
206.41	6,346	8,055	206.93	6,828	11,480
206.42	6,355	8,118	206.94	6,837	11,549
206.43	6,365	8,182	206.95	6,847	11,617
206.44	6,374	8,246	206.96	6,856	11,686
206.45	6,383	8,310	206.97	6,865	11,754
206.46	6,392	8,373	206.98	6,874	11,823
206.47	6,402	8,437	206.99	6,884	11,892
206.48	6,411	8,501	207.00	6,893	11,961
206.49	6,420	8,566	207.01	6,903	12,029
206.50	6,430	8,630	207.02	6,913	12,099
206.51	6,439	8,694	207.03	6,922	12,168
206.52	6,448	8,759	207.04	6,932	12,237
206.53	6,457	8,823	207.05	6,942	12,306
206.54	6,467	8,888	207.06	6,952	12,376
206.55	6,476	8,953	207.07	6,962	12,445

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	6,972	12,515	207.60	7,483	16,273
207.09	6,981	12,585	207.61	7,493	16,348
207.10	6,991	12,655	207.62	7,502	16,423
207.11	7,001	12,725	207.63	7,512	16,498
207.12	7,011	12,795	207.64	7,522	16,573
207.13	7,021	12,865	207.65	7,532	16,649
207.14	7,031	12,935	207.66	7,542	16,724
207.15	7,040	13,006	207.67	7,552	16,799
207.16	7,050	13,076	207.68	7,561	16,875
207.17	7,060	13,147	207.69	7,571	16,951
207.18	7,070	13,217	207.70	7,581	17,026
207.19	7,080	13,288	207.71	7,591	17,102
207.20	7,090	13,359	207.72	7,601	17,178
207.21	7,099	13,430	207.73	7,611	17,254
207.22	7,109	13,501	207.74	7,620	17,330
207.23	7,119	13,572	207.75	7,630	17,407
207.24	7,129	13,643	207.76	7,640	17,483
207.25	7,139	13,714	207.77	7,650	17,560
207.26	7,149	13,786	207.78	7,660	17,636
207.27	7,158	13,857	207.79	7,670	17,713
207.28	7,168	13,929	207.80	7,679	17,789
207.29	7,178	14,001	207.81	7,689	17,866
207.30	7,188	14,073	207.82	7,699	17,943
207.31	7,198	14,145	207.83	7,709	18,020
207.32	7,208	14,217	207.84	7,719	18,097
207.33	7,217	14,289	207.85	7,729	18,175
207.34	7,227	14,361	207.86	7,738	18,252
207.35	7,237	14,433	207.87	7,748	18,329
207.36	7,247	14,506	207.88	7,758	18,407
207.37	7,257	14,578	207.89	7,768	18,485
207.38	7,267	14,651	207.90	7,778	18,562
207.39	7,276	14,724	207.91	7,788	18,640
207.40	7,286	14,796	207.92	7,797	18,718
207.41	7,296	14,869	207.93	7,807	18,796
207.42	7,306	14,942	207.94	7,817	18,874
207.43	7,316	15,015	207.95	7,827	18,952
207.44	7,326	15,089	207.96	7,837	19,031
207.45	7,335	15,162	207.97	7,847	19,109
207.46	7,345	15,235	207.98	7,856	19,188
207.47	7,355	15,309	207.99	7,866	19,266
207.48	7,365	15,382	208.00	7,876	19,345
207.49	7,375	15,456	208.01	7,886	19,424
207.50	7,385	15,530	208.02	7,897	19,503
207.51	7,394	15,604	208.03	7,907	19,582
207.52	7,404	15,678	208.04	7,918	19,661
207.53	7,414	15,752	208.05	7,928	19,740
207.54	7,424	15,826	208.06	7,938	19,819
207.55	7,434	15,900	208.07	7,949	19,899
207.56	7,443	15,975	208.08	7,959	19,978
207.57	7,453	16,049	208.09	7,970	20,058
207.58	7,463	16,124	208.10	7,980	20,138
207.59	7,473	16,198	208.11	7,990	20,218

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	8,001	20,298	208.64	8,542	24,599
208.13	8,011	20,378	208.65	8,552	24,684
208.14	8,022	20,458	208.66	8,562	24,770
208.15	8,032	20,538	208.67	8,573	24,855
208.16	8,042	20,618	208.68	8,583	24,941
208.17	8,053	20,699	208.69	8,594	25,027
208.18	8,063	20,780	208.70	8,604	25,113
208.19	8,074	20,860	208.71	8,614	25,199
208.20	8,084	20,941	208.72	8,625	25,285
208.21	8,094	21,022	208.73	8,635	25,372
208.22	8,105	21,103	208.74	8,646	25,458
208.23	8,115	21,184	208.75	8,656	25,545
208.24	8,126	21,265	208.76	8,666	25,631
208.25	8,136	21,347	208.77	8,677	25,718
208.26	8,146	21,428	208.78	8,687	25,805
208.27	8,157	21,509	208.79	8,698	25,892
208.28	8,167	21,591	208.80	8,708	25,979
208.29	8,178	21,673	208.81	8,718	26,066
208.30	8,188	21,755	208.82	8,729	26,153
208.31	8,198	21,837	208.83	8,739	26,240
208.32	8,209	21,919	208.84	8,750	26,328
208.33	8,219	22,001	208.85	8,760	26,415
208.34	8,230	22,083	208.86	8,770	26,503
208.35	8,240	22,165	208.87	8,781	26,591
208.36	8,250	22,248	208.88	8,791	26,679
208.37	8,261	22,330	208.89	8,802	26,767
208.38	8,271	22,413	208.90	8,812	26,855
208.39	8,282	22,496	208.91	8,822	26,943
208.40	8,292	22,579	208.92	8,833	27,031
208.41	8,302	22,662	208.93	8,843	27,119
208.42	8,313	22,745	208.94	8,854	27,208
208.43	8,323	22,828	208.95	8,864	27,296
208.44	8,334	22,911	208.96	8,874	27,385
208.45	8,344	22,994	208.97	8,885	27,474
208.46	8,354	23,078	208.98	8,895	27,563
208.47	8,365	23,162	208.99	8,906	27,652
208.48	8,375	23,245	209.00	8,916	27,741
208.49	8,386	23,329			
208.50	8,396	23,413			
208.51	8,406	23,497			
208.52	8,417	23,581			
208.53	8,427	23,665			
208.54	8,438	23,750			
208.55	8,448	23,834			
208.56	8,458	23,919			
208.57	8,469	24,003			
208.58	8,479	24,088			
208.59	8,490	24,173			
208.60	8,500	24,258			
208.61	8,510	24,343			
208.62	8,521	24,428			
208.63	8,531	24,513			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 1.96" for Current 2 yr event
 Inflow = 3.71 cfs @ 12.17 hrs, Volume= 0.308 af
 Outflow = 0.80 cfs @ 12.64 hrs, Volume= 0.232 af, Atten= 78%, Lag= 27.9 min
 Primary = 0.80 cfs @ 12.64 hrs, Volume= 0.232 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.98' @ 12.64 hrs Surf.Area= 3,908 sf Storage= 6,763 cf

Plug-Flow detention time= 239.0 min calculated for 0.232 af (75% of inflow)
 Center-of-Mass det. time= 146.5 min (942.8 - 796.3)

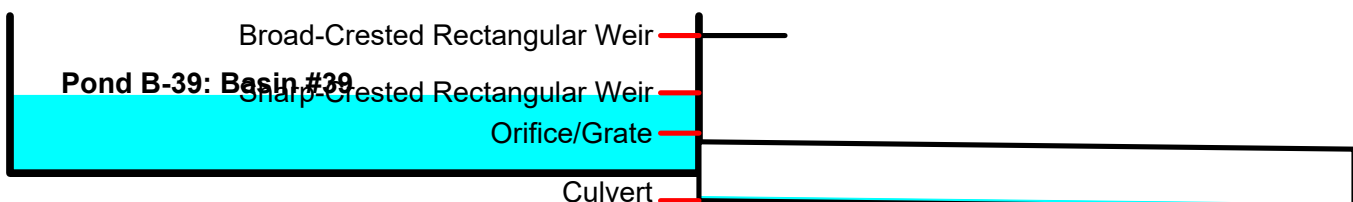
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	15,753 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	2,928	0	0
202.00	3,408	3,168	3,168
203.00	3,917	3,663	6,831
204.00	4,454	4,186	11,016
205.00	5,019	4,737	15,753

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.02'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.04'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

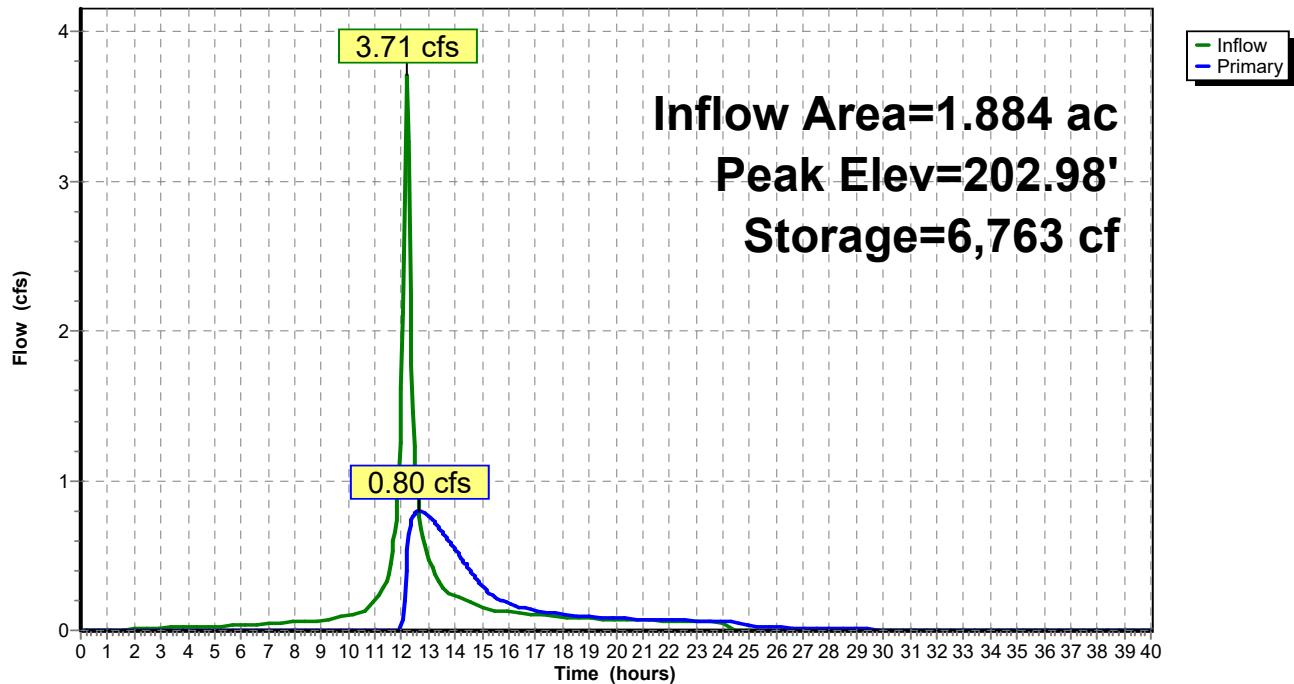
Primary OutFlow Max=0.80 cfs @ 12.64 hrs HW=202.98' (Free Discharge)

1=Culvert (Passes 0.80 cfs of 11.21 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.80 cfs @ 4.06 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	0	201.00	0.00
1.00	0.00	0	201.00	0.00
1.10	0.00	0	201.00	0.00
1.20	0.00	0	201.00	0.00
1.30	0.00	0	201.00	0.00
1.40	0.00	0	201.00	0.00
1.50	0.00	1	201.00	0.00
1.60	0.00	2	201.00	0.00
1.70	0.00	4	201.00	0.00
1.80	0.01	6	201.00	0.00
1.90	0.01	8	201.00	0.00
2.00	0.01	10	201.00	0.00
2.10	0.01	13	201.00	0.00
2.20	0.01	16	201.01	0.00
2.30	0.01	19	201.01	0.00
2.40	0.01	23	201.01	0.00
2.50	0.01	27	201.01	0.00
2.60	0.01	32	201.01	0.00
2.70	0.01	36	201.01	0.00
2.80	0.01	41	201.01	0.00
2.90	0.01	46	201.02	0.00
3.00	0.02	52	201.02	0.00
3.10	0.02	57	201.02	0.00
3.20	0.02	63	201.02	0.00
3.30	0.02	69	201.02	0.00
3.40	0.02	76	201.03	0.00
3.50	0.02	83	201.03	0.00
3.60	0.02	89	201.03	0.00
3.70	0.02	97	201.03	0.00
3.80	0.02	104	201.04	0.00
3.90	0.02	112	201.04	0.00
4.00	0.02	119	201.04	0.00
4.10	0.02	127	201.04	0.00
4.20	0.02	136	201.05	0.00
4.30	0.02	144	201.05	0.00
4.40	0.02	153	201.05	0.00
4.50	0.02	161	201.05	0.00
4.60	0.03	171	201.06	0.00
4.70	0.03	180	201.06	0.00
4.80	0.03	189	201.06	0.00
4.90	0.03	199	201.07	0.00
5.00	0.03	209	201.07	0.00
5.10	0.03	219	201.07	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	229	201.08	0.00
5.30	0.03	239	201.08	0.00
5.40	0.03	250	201.08	0.00
5.50	0.03	260	201.09	0.00
5.60	0.03	271	201.09	0.00
5.70	0.03	282	201.10	0.00
5.80	0.03	294	201.10	0.00
5.90	0.03	305	201.10	0.00
6.00	0.03	316	201.11	0.00
6.10	0.03	328	201.11	0.00
6.20	0.03	340	201.12	0.00
6.30	0.03	353	201.12	0.00
6.40	0.04	365	201.12	0.00
6.50	0.04	379	201.13	0.00
6.60	0.04	392	201.13	0.00
6.70	0.04	406	201.14	0.00
6.80	0.04	420	201.14	0.00
6.90	0.04	435	201.15	0.00
7.00	0.04	450	201.15	0.00
7.10	0.04	466	201.16	0.00
7.20	0.04	482	201.16	0.00
7.30	0.05	498	201.17	0.00
7.40	0.05	515	201.17	0.00
7.50	0.05	532	201.18	0.00
7.60	0.05	550	201.18	0.00
7.70	0.05	568	201.19	0.00
7.80	0.05	586	201.20	0.00
7.90	0.05	605	201.20	0.00
8.00	0.05	624	201.21	0.00
8.10	0.06	644	201.22	0.00
8.20	0.06	664	201.22	0.00
8.30	0.06	684	201.23	0.00
8.40	0.06	705	201.24	0.00
8.50	0.06	726	201.24	0.00
8.60	0.06	748	201.25	0.00
8.70	0.06	770	201.26	0.00
8.80	0.06	793	201.26	0.00
8.90	0.06	816	201.27	0.00
9.00	0.07	839	201.28	0.00
9.10	0.07	863	201.29	0.00
9.20	0.07	888	201.30	0.00
9.30	0.07	914	201.30	0.00
9.40	0.08	941	201.31	0.00
9.50	0.08	970	201.32	0.00
9.60	0.09	1,000	201.33	0.00
9.70	0.09	1,032	201.34	0.00
9.80	0.09	1,065	201.35	0.00
9.90	0.10	1,099	201.36	0.00
10.00	0.10	1,135	201.38	0.00
10.10	0.11	1,173	201.39	0.00
10.20	0.11	1,211	201.40	0.00
10.30	0.11	1,251	201.41	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,293	201.43	0.00
10.50	0.12	1,336	201.44	0.00
10.60	0.13	1,381	201.45	0.00
10.70	0.14	1,429	201.47	0.00
10.80	0.16	1,483	201.49	0.00
10.90	0.18	1,543	201.51	0.00
11.00	0.19	1,609	201.53	0.00
11.10	0.22	1,683	201.55	0.00
11.20	0.25	1,766	201.58	0.00
11.30	0.28	1,862	201.61	0.00
11.40	0.32	1,972	201.64	0.00
11.50	0.36	2,095	201.68	0.00
11.60	0.45	2,237	201.72	0.00
11.70	0.60	2,426	201.78	0.00
11.80	0.74	2,665	201.85	0.00
11.90	1.03	2,980	201.94	0.00
12.00	1.62	3,443	202.08	0.01
12.10	2.87	4,199	202.30	0.20
12.20	3.61	5,297	202.60	0.54
12.30	2.24	6,122	202.82	0.70
12.40	1.46	6,512	202.92	0.76
12.50	1.09	6,685	202.96	0.79
12.60	0.89	6,757	202.98	0.80
12.70	0.68	6,749	202.98	0.80
12.80	0.58	6,689	202.96	0.79
12.90	0.53	6,608	202.94	0.78
13.00	0.48	6,512	202.92	0.76
13.10	0.43	6,404	202.89	0.74
13.20	0.38	6,286	202.86	0.73
13.30	0.35	6,161	202.83	0.71
13.40	0.33	6,033	202.79	0.68
13.50	0.30	5,903	202.76	0.66
13.60	0.27	5,772	202.72	0.64
13.70	0.25	5,641	202.69	0.61
13.80	0.24	5,512	202.66	0.59
13.90	0.23	5,390	202.62	0.56
14.00	0.22	5,274	202.59	0.54
14.10	0.22	5,165	202.56	0.51
14.20	0.21	5,062	202.53	0.49
14.30	0.20	4,966	202.51	0.46
14.40	0.20	4,875	202.48	0.44
14.50	0.19	4,791	202.46	0.41
14.60	0.18	4,714	202.44	0.39
14.70	0.17	4,643	202.42	0.36
14.80	0.17	4,578	202.40	0.34
14.90	0.16	4,519	202.39	0.32
15.00	0.15	4,466	202.37	0.30
15.10	0.15	4,416	202.36	0.28
15.20	0.14	4,370	202.34	0.26
15.30	0.14	4,329	202.33	0.25
15.40	0.13	4,292	202.32	0.23
15.50	0.13	4,258	202.31	0.22

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	4,229	202.30	0.21
15.70	0.13	4,202	202.30	0.20
15.80	0.13	4,177	202.29	0.19
15.90	0.13	4,155	202.28	0.18
16.00	0.12	4,135	202.28	0.18
16.10	0.12	4,117	202.27	0.17
16.20	0.12	4,100	202.27	0.17
16.30	0.12	4,084	202.26	0.16
16.40	0.12	4,069	202.26	0.16
16.50	0.11	4,055	202.26	0.15
16.60	0.11	4,043	202.25	0.15
16.70	0.11	4,030	202.25	0.14
16.80	0.11	4,019	202.25	0.14
16.90	0.11	4,008	202.24	0.14
17.00	0.10	3,998	202.24	0.13
17.10	0.10	3,988	202.24	0.13
17.20	0.10	3,979	202.23	0.13
17.30	0.10	3,970	202.23	0.12
17.40	0.10	3,961	202.23	0.12
17.50	0.09	3,952	202.23	0.12
17.60	0.09	3,943	202.22	0.12
17.70	0.09	3,935	202.22	0.11
17.80	0.09	3,927	202.22	0.11
17.90	0.09	3,919	202.22	0.11
18.00	0.09	3,911	202.21	0.11
18.10	0.08	3,903	202.21	0.10
18.20	0.08	3,896	202.21	0.10
18.30	0.08	3,888	202.21	0.10
18.40	0.08	3,882	202.21	0.10
18.50	0.08	3,875	202.20	0.10
18.60	0.08	3,869	202.20	0.09
18.70	0.08	3,864	202.20	0.09
18.80	0.08	3,859	202.20	0.09
18.90	0.08	3,854	202.20	0.09
19.00	0.08	3,850	202.20	0.09
19.10	0.08	3,846	202.20	0.09
19.20	0.08	3,842	202.19	0.09
19.30	0.08	3,838	202.19	0.09
19.40	0.08	3,834	202.19	0.09
19.50	0.07	3,830	202.19	0.08
19.60	0.07	3,827	202.19	0.08
19.70	0.07	3,824	202.19	0.08
19.80	0.07	3,820	202.19	0.08
19.90	0.07	3,817	202.19	0.08
20.00	0.07	3,815	202.19	0.08
20.10	0.07	3,812	202.19	0.08
20.20	0.07	3,809	202.19	0.08
20.30	0.07	3,806	202.18	0.08
20.40	0.07	3,803	202.18	0.08
20.50	0.07	3,801	202.18	0.08
20.60	0.07	3,798	202.18	0.08
20.70	0.07	3,796	202.18	0.08

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	3,793	202.18	0.08
20.90	0.07	3,791	202.18	0.07
21.00	0.07	3,789	202.18	0.07
21.10	0.07	3,786	202.18	0.07
21.20	0.07	3,784	202.18	0.07
21.30	0.07	3,782	202.18	0.07
21.40	0.07	3,780	202.18	0.07
21.50	0.07	3,777	202.18	0.07
21.60	0.06	3,775	202.18	0.07
21.70	0.06	3,773	202.18	0.07
21.80	0.06	3,771	202.17	0.07
21.90	0.06	3,769	202.17	0.07
22.00	0.06	3,767	202.17	0.07
22.10	0.06	3,764	202.17	0.07
22.20	0.06	3,762	202.17	0.07
22.30	0.06	3,760	202.17	0.07
22.40	0.06	3,758	202.17	0.07
22.50	0.06	3,756	202.17	0.07
22.60	0.06	3,754	202.17	0.07
22.70	0.06	3,752	202.17	0.07
22.80	0.06	3,750	202.17	0.06
22.90	0.06	3,748	202.17	0.06
23.00	0.06	3,746	202.17	0.06
23.10	0.06	3,744	202.17	0.06
23.20	0.06	3,742	202.17	0.06
23.30	0.06	3,740	202.17	0.06
23.40	0.06	3,738	202.17	0.06
23.50	0.06	3,736	202.16	0.06
23.60	0.06	3,734	202.16	0.06
23.70	0.05	3,732	202.16	0.06
23.80	0.05	3,730	202.16	0.06
23.90	0.05	3,728	202.16	0.06
24.00	0.06	3,726	202.16	0.06
24.10	0.05	3,725	202.16	0.06
24.20	0.01	3,714	202.16	0.06
24.30	0.00	3,697	202.15	0.05
24.40	0.00	3,680	202.15	0.05
24.50	0.00	3,663	202.14	0.05
24.60	0.00	3,647	202.14	0.04
24.70	0.00	3,632	202.13	0.04
24.80	0.00	3,618	202.13	0.04
24.90	0.00	3,605	202.13	0.03
25.00	0.00	3,593	202.12	0.03
25.10	0.00	3,581	202.12	0.03
25.20	0.00	3,571	202.12	0.03
25.30	0.00	3,561	202.11	0.03
25.40	0.00	3,551	202.11	0.03
25.50	0.00	3,542	202.11	0.02
25.60	0.00	3,533	202.11	0.02
25.70	0.00	3,525	202.10	0.02
25.80	0.00	3,517	202.10	0.02
25.90	0.00	3,509	202.10	0.02

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,502	202.10	0.02
26.10	0.00	3,496	202.10	0.02
26.20	0.00	3,489	202.09	0.02
26.30	0.00	3,483	202.09	0.02
26.40	0.00	3,477	202.09	0.02
26.50	0.00	3,471	202.09	0.02
26.60	0.00	3,466	202.09	0.01
26.70	0.00	3,461	202.09	0.01
26.80	0.00	3,456	202.08	0.01
26.90	0.00	3,452	202.08	0.01
27.00	0.00	3,447	202.08	0.01
27.10	0.00	3,443	202.08	0.01
27.20	0.00	3,439	202.08	0.01
27.30	0.00	3,435	202.08	0.01
27.40	0.00	3,432	202.08	0.01
27.50	0.00	3,428	202.08	0.01
27.60	0.00	3,424	202.07	0.01
27.70	0.00	3,421	202.07	0.01
27.80	0.00	3,417	202.07	0.01
27.90	0.00	3,414	202.07	0.01
28.00	0.00	3,411	202.07	0.01
28.10	0.00	3,408	202.07	0.01
28.20	0.00	3,405	202.07	0.01
28.30	0.00	3,402	202.07	0.01
28.40	0.00	3,399	202.07	0.01
28.50	0.00	3,396	202.07	0.01
28.60	0.00	3,393	202.07	0.01
28.70	0.00	3,390	202.06	0.01
28.80	0.00	3,388	202.06	0.01
28.90	0.00	3,385	202.06	0.01
29.00	0.00	3,383	202.06	0.01
29.10	0.00	3,380	202.06	0.01
29.20	0.00	3,378	202.06	0.01
29.30	0.00	3,375	202.06	0.01
29.40	0.00	3,373	202.06	0.01
29.50	0.00	3,371	202.06	0.01
29.60	0.00	3,369	202.06	0.01
29.70	0.00	3,367	202.06	0.01
29.80	0.00	3,365	202.06	0.01
29.90	0.00	3,363	202.06	0.01
30.00	0.00	3,361	202.06	0.01
30.10	0.00	3,359	202.06	0.01
30.20	0.00	3,357	202.06	0.01
30.30	0.00	3,355	202.05	0.00
30.40	0.00	3,354	202.05	0.00
30.50	0.00	3,352	202.05	0.00
30.60	0.00	3,350	202.05	0.00
30.70	0.00	3,349	202.05	0.00
30.80	0.00	3,347	202.05	0.00
30.90	0.00	3,346	202.05	0.00
31.00	0.00	3,344	202.05	0.00
31.10	0.00	3,343	202.05	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,341	202.05	0.00
31.30	0.00	3,340	202.05	0.00
31.40	0.00	3,338	202.05	0.00
31.50	0.00	3,337	202.05	0.00
31.60	0.00	3,336	202.05	0.00
31.70	0.00	3,335	202.05	0.00
31.80	0.00	3,333	202.05	0.00
31.90	0.00	3,332	202.05	0.00
32.00	0.00	3,331	202.05	0.00
32.10	0.00	3,330	202.05	0.00
32.20	0.00	3,329	202.05	0.00
32.30	0.00	3,328	202.05	0.00
32.40	0.00	3,327	202.05	0.00
32.50	0.00	3,326	202.05	0.00
32.60	0.00	3,325	202.05	0.00
32.70	0.00	3,324	202.05	0.00
32.80	0.00	3,323	202.05	0.00
32.90	0.00	3,322	202.05	0.00
33.00	0.00	3,321	202.04	0.00
33.10	0.00	3,320	202.04	0.00
33.20	0.00	3,319	202.04	0.00
33.30	0.00	3,319	202.04	0.00
33.40	0.00	3,318	202.04	0.00
33.50	0.00	3,317	202.04	0.00
33.60	0.00	3,316	202.04	0.00
33.70	0.00	3,315	202.04	0.00
33.80	0.00	3,315	202.04	0.00
33.90	0.00	3,314	202.04	0.00
34.00	0.00	3,313	202.04	0.00
34.10	0.00	3,313	202.04	0.00
34.20	0.00	3,312	202.04	0.00
34.30	0.00	3,311	202.04	0.00
34.40	0.00	3,311	202.04	0.00
34.50	0.00	3,310	202.04	0.00
34.60	0.00	3,310	202.04	0.00
34.70	0.00	3,309	202.04	0.00
34.80	0.00	3,308	202.04	0.00
34.90	0.00	3,308	202.04	0.00
35.00	0.00	3,307	202.04	0.00
35.10	0.00	3,307	202.04	0.00
35.20	0.00	3,306	202.04	0.00
35.30	0.00	3,306	202.04	0.00
35.40	0.00	3,305	202.04	0.00
35.50	0.00	3,305	202.04	0.00
35.60	0.00	3,304	202.04	0.00
35.70	0.00	3,304	202.04	0.00
35.80	0.00	3,304	202.04	0.00
35.90	0.00	3,303	202.04	0.00
36.00	0.00	3,303	202.04	0.00
36.10	0.00	3,302	202.04	0.00
36.20	0.00	3,302	202.04	0.00
36.30	0.00	3,301	202.04	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,301	202.04	0.00
36.50	0.00	3,300	202.04	0.00
36.60	0.00	3,300	202.04	0.00
36.70	0.00	3,300	202.04	0.00
36.80	0.00	3,299	202.04	0.00
36.90	0.00	3,299	202.04	0.00
37.00	0.00	3,298	202.04	0.00
37.10	0.00	3,298	202.04	0.00
37.20	0.00	3,298	202.04	0.00
37.30	0.00	3,297	202.04	0.00
37.40	0.00	3,297	202.04	0.00
37.50	0.00	3,296	202.04	0.00
37.60	0.00	3,296	202.04	0.00
37.70	0.00	3,296	202.04	0.00
37.80	0.00	3,295	202.04	0.00
37.90	0.00	3,295	202.04	0.00
38.00	0.00	3,294	202.04	0.00
38.10	0.00	3,294	202.04	0.00
38.20	0.00	3,294	202.04	0.00
38.30	0.00	3,293	202.04	0.00
38.40	0.00	3,293	202.04	0.00
38.50	0.00	3,292	202.04	0.00
38.60	0.00	3,292	202.04	0.00
38.70	0.00	3,292	202.04	0.00
38.80	0.00	3,291	202.04	0.00
38.90	0.00	3,291	202.04	0.00
39.00	0.00	3,291	202.04	0.00
39.10	0.00	3,290	202.04	0.00
39.20	0.00	3,290	202.04	0.00
39.30	0.00	3,290	202.04	0.00
39.40	0.00	3,289	202.04	0.00
39.50	0.00	3,289	202.04	0.00
39.60	0.00	3,288	202.04	0.00
39.70	0.00	3,288	202.04	0.00
39.80	0.00	3,288	202.04	0.00
39.90	0.00	3,287	202.03	0.00
40.00	0.00	3,287	202.03	0.00

Stage-Discharge for Pond B-39: Basin #39

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.00	202.04	0.00	202.56	0.51
201.01	0.00	201.53	0.00	202.05	0.00	202.57	0.52
201.02	0.00	201.54	0.00	202.06	0.01	202.58	0.53
201.03	0.00	201.55	0.00	202.07	0.01	202.59	0.53
201.04	0.00	201.56	0.00	202.08	0.01	202.60	0.54
201.05	0.00	201.57	0.00	202.09	0.02	202.61	0.55
201.06	0.00	201.58	0.00	202.10	0.02	202.62	0.56
201.07	0.00	201.59	0.00	202.11	0.02	202.63	0.57
201.08	0.00	201.60	0.00	202.12	0.03	202.64	0.58
201.09	0.00	201.61	0.00	202.13	0.04	202.65	0.58
201.10	0.00	201.62	0.00	202.14	0.04	202.66	0.59
201.11	0.00	201.63	0.00	202.15	0.05	202.67	0.60
201.12	0.00	201.64	0.00	202.16	0.06	202.68	0.61
201.13	0.00	201.65	0.00	202.17	0.07	202.69	0.61
201.14	0.00	201.66	0.00	202.18	0.07	202.70	0.62
201.15	0.00	201.67	0.00	202.19	0.08	202.71	0.63
201.16	0.00	201.68	0.00	202.20	0.09	202.72	0.63
201.17	0.00	201.69	0.00	202.21	0.10	202.73	0.64
201.18	0.00	201.70	0.00	202.22	0.11	202.74	0.65
201.19	0.00	201.71	0.00	202.23	0.12	202.75	0.66
201.20	0.00	201.72	0.00	202.24	0.13	202.76	0.66
201.21	0.00	201.73	0.00	202.25	0.14	202.77	0.67
201.22	0.00	201.74	0.00	202.26	0.16	202.78	0.68
201.23	0.00	201.75	0.00	202.27	0.17	202.79	0.68
201.24	0.00	201.76	0.00	202.28	0.18	202.80	0.69
201.25	0.00	201.77	0.00	202.29	0.19	202.81	0.69
201.26	0.00	201.78	0.00	202.30	0.20	202.82	0.70
201.27	0.00	201.79	0.00	202.31	0.22	202.83	0.71
201.28	0.00	201.80	0.00	202.32	0.23	202.84	0.71
201.29	0.00	201.81	0.00	202.33	0.24	202.85	0.72
201.30	0.00	201.82	0.00	202.34	0.26	202.86	0.73
201.31	0.00	201.83	0.00	202.35	0.27	202.87	0.73
201.32	0.00	201.84	0.00	202.36	0.28	202.88	0.74
201.33	0.00	201.85	0.00	202.37	0.30	202.89	0.74
201.34	0.00	201.86	0.00	202.38	0.31	202.90	0.75
201.35	0.00	201.87	0.00	202.39	0.32	202.91	0.76
201.36	0.00	201.88	0.00	202.40	0.34	202.92	0.76
201.37	0.00	201.89	0.00	202.41	0.35	202.93	0.77
201.38	0.00	201.90	0.00	202.42	0.36	202.94	0.77
201.39	0.00	201.91	0.00	202.43	0.38	202.95	0.78
201.40	0.00	201.92	0.00	202.44	0.39	202.96	0.79
201.41	0.00	201.93	0.00	202.45	0.40	202.97	0.79
201.42	0.00	201.94	0.00	202.46	0.41	202.98	0.80
201.43	0.00	201.95	0.00	202.47	0.43	202.99	0.80
201.44	0.00	201.96	0.00	202.48	0.44	203.00	0.81
201.45	0.00	201.97	0.00	202.49	0.45	203.01	0.81
201.46	0.00	201.98	0.00	202.50	0.46	203.02	0.82
201.47	0.00	201.99	0.00	202.51	0.47	203.03	0.82
201.48	0.00	202.00	0.00	202.52	0.47	203.04	0.83
201.49	0.00	202.01	0.00	202.53	0.48	203.05	0.85
201.50	0.00	202.02	0.00	202.54	0.49	203.06	0.88
201.51	0.00	202.03	0.00	202.55	0.50	203.07	0.91

Stage-Discharge for Pond B-39: Basin #39 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.96	203.60	6.42	204.12	14.91	204.64	22.29
203.09	1.00	203.61	6.56	204.13	14.93	204.65	22.99
203.10	1.05	203.62	6.71	204.14	14.96	204.66	23.71
203.11	1.11	203.63	6.86	204.15	14.98	204.67	24.46
203.12	1.17	203.64	7.00	204.16	15.01	204.68	25.22
203.13	1.23	203.65	7.15	204.17	15.03	204.69	26.01
203.14	1.29	203.66	7.30	204.18	15.05	204.70	26.82
203.15	1.36	203.67	7.45	204.19	15.08	204.71	27.69
203.16	1.43	203.68	7.61	204.20	15.10	204.72	28.58
203.17	1.51	203.69	7.76	204.21	15.13	204.73	29.50
203.18	1.58	203.70	7.91	204.22	15.15	204.74	30.45
203.19	1.66	203.71	8.07	204.23	15.17	204.75	31.42
203.20	1.74	203.72	8.22	204.24	15.20	204.76	32.42
203.21	1.83	203.73	8.38	204.25	15.22	204.77	33.44
203.22	1.91	203.74	8.54	204.26	15.24	204.78	34.48
203.23	2.00	203.75	8.70	204.27	15.27	204.79	35.55
203.24	2.09	203.76	8.86	204.28	15.29	204.80	36.65
203.25	2.18	203.77	9.02	204.29	15.32	204.81	37.76
203.26	2.28	203.78	9.18	204.30	15.34	204.82	38.91
203.27	2.37	203.79	9.34	204.31	15.36	204.83	40.08
203.28	2.47	203.80	9.51	204.32	15.39	204.84	41.27
203.29	2.57	203.81	9.67	204.33	15.41	204.85	42.48
203.30	2.67	203.82	9.84	204.34	15.43	204.86	43.72
203.31	2.77	203.83	10.00	204.35	15.46	204.87	44.99
203.32	2.88	203.84	10.17	204.36	15.48	204.88	46.28
203.33	2.99	203.85	10.34	204.37	15.50	204.89	47.59
203.34	3.09	203.86	10.51	204.38	15.53	204.90	48.93
203.35	3.21	203.87	10.68	204.39	15.55	204.91	50.31
203.36	3.32	203.88	10.85	204.40	15.57	204.92	51.73
203.37	3.43	203.89	11.02	204.41	15.60	204.93	53.17
203.38	3.55	203.90	11.19	204.42	15.62	204.94	54.63
203.39	3.66	203.91	11.36	204.43	15.64	204.95	56.12
203.40	3.78	203.92	11.54	204.44	15.67	204.96	57.64
203.41	3.90	203.93	11.71	204.45	15.69	204.97	59.19
203.42	4.02	203.94	11.89	204.46	15.71	204.98	60.76
203.43	4.14	203.95	12.06	204.47	15.74	204.99	62.35
203.44	4.27	203.96	12.24	204.48	15.76	205.00	63.98
203.45	4.39	203.97	12.42	204.49	15.78		
203.46	4.52	203.98	12.60	204.50	15.80		
203.47	4.64	203.99	12.78	204.51	15.94		
203.48	4.77	204.00	12.96	204.52	16.18		
203.49	4.90	204.01	13.14	204.53	16.48		
203.50	5.04	204.02	13.32	204.54	16.83		
203.51	5.17	204.03	13.50	204.55	17.23		
203.52	5.30	204.04	13.68	204.56	17.67		
203.53	5.44	204.05	13.87	204.57	18.14		
203.54	5.57	204.06	14.05	204.58	18.64		
203.55	5.71	204.07	14.24	204.59	19.18		
203.56	5.85	204.08	14.42	204.60	19.75		
203.57	5.99	204.09	14.61	204.61	20.35		
203.58	6.13	204.10	14.80	204.62	20.97		
203.59	6.27	204.11	14.88	204.63	21.62		

Stage-Area-Storage for Pond B-39: Basin #39

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	2,928	0	201.52	3,178	1,587
201.01	2,933	29	201.53	3,182	1,619
201.02	2,938	59	201.54	3,187	1,651
201.03	2,942	88	201.55	3,192	1,683
201.04	2,947	118	201.56	3,197	1,715
201.05	2,952	147	201.57	3,202	1,747
201.06	2,957	177	201.58	3,206	1,779
201.07	2,962	206	201.59	3,211	1,811
201.08	2,966	236	201.60	3,216	1,843
201.09	2,971	265	201.61	3,221	1,875
201.10	2,976	295	201.62	3,226	1,908
201.11	2,981	325	201.63	3,230	1,940
201.12	2,986	355	201.64	3,235	1,972
201.13	2,990	385	201.65	3,240	2,005
201.14	2,995	415	201.66	3,245	2,037
201.15	3,000	445	201.67	3,250	2,069
201.16	3,005	475	201.68	3,254	2,102
201.17	3,010	505	201.69	3,259	2,135
201.18	3,014	535	201.70	3,264	2,167
201.19	3,019	565	201.71	3,269	2,200
201.20	3,024	595	201.72	3,274	2,233
201.21	3,029	625	201.73	3,278	2,265
201.22	3,034	656	201.74	3,283	2,298
201.23	3,038	686	201.75	3,288	2,331
201.24	3,043	717	201.76	3,293	2,364
201.25	3,048	747	201.77	3,298	2,397
201.26	3,053	778	201.78	3,302	2,430
201.27	3,058	808	201.79	3,307	2,463
201.28	3,062	839	201.80	3,312	2,496
201.29	3,067	869	201.81	3,317	2,529
201.30	3,072	900	201.82	3,322	2,562
201.31	3,077	931	201.83	3,326	2,596
201.32	3,082	962	201.84	3,331	2,629
201.33	3,086	992	201.85	3,336	2,662
201.34	3,091	1,023	201.86	3,341	2,696
201.35	3,096	1,054	201.87	3,346	2,729
201.36	3,101	1,085	201.88	3,350	2,762
201.37	3,106	1,116	201.89	3,355	2,796
201.38	3,110	1,147	201.90	3,360	2,830
201.39	3,115	1,178	201.91	3,365	2,863
201.40	3,120	1,210	201.92	3,370	2,897
201.41	3,125	1,241	201.93	3,374	2,931
201.42	3,130	1,272	201.94	3,379	2,964
201.43	3,134	1,303	201.95	3,384	2,998
201.44	3,139	1,335	201.96	3,389	3,032
201.45	3,144	1,366	201.97	3,394	3,066
201.46	3,149	1,398	201.98	3,398	3,100
201.47	3,154	1,429	201.99	3,403	3,134
201.48	3,158	1,461	202.00	3,408	3,168
201.49	3,163	1,492	202.01	3,413	3,202
201.50	3,168	1,524	202.02	3,418	3,236
201.51	3,173	1,556	202.03	3,423	3,270

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	3,428	3,305	202.56	3,693	5,156
202.05	3,433	3,339	202.57	3,698	5,193
202.06	3,439	3,373	202.58	3,703	5,230
202.07	3,444	3,408	202.59	3,708	5,267
202.08	3,449	3,442	202.60	3,713	5,304
202.09	3,454	3,477	202.61	3,718	5,342
202.10	3,459	3,511	202.62	3,724	5,379
202.11	3,464	3,546	202.63	3,729	5,416
202.12	3,469	3,581	202.64	3,734	5,453
202.13	3,474	3,615	202.65	3,739	5,491
202.14	3,479	3,650	202.66	3,744	5,528
202.15	3,484	3,685	202.67	3,749	5,566
202.16	3,489	3,720	202.68	3,754	5,603
202.17	3,495	3,755	202.69	3,759	5,641
202.18	3,500	3,790	202.70	3,764	5,678
202.19	3,505	3,825	202.71	3,769	5,716
202.20	3,510	3,860	202.72	3,774	5,754
202.21	3,515	3,895	202.73	3,780	5,791
202.22	3,520	3,930	202.74	3,785	5,829
202.23	3,525	3,965	202.75	3,790	5,867
202.24	3,530	4,001	202.76	3,795	5,905
202.25	3,535	4,036	202.77	3,800	5,943
202.26	3,540	4,071	202.78	3,805	5,981
202.27	3,545	4,107	202.79	3,810	6,019
202.28	3,551	4,142	202.80	3,815	6,057
202.29	3,556	4,178	202.81	3,820	6,095
202.30	3,561	4,213	202.82	3,825	6,134
202.31	3,566	4,249	202.83	3,830	6,172
202.32	3,571	4,285	202.84	3,836	6,210
202.33	3,576	4,320	202.85	3,841	6,249
202.34	3,581	4,356	202.86	3,846	6,287
202.35	3,586	4,392	202.87	3,851	6,326
202.36	3,591	4,428	202.88	3,856	6,364
202.37	3,596	4,464	202.89	3,861	6,403
202.38	3,601	4,500	202.90	3,866	6,441
202.39	3,607	4,536	202.91	3,871	6,480
202.40	3,612	4,572	202.92	3,876	6,519
202.41	3,617	4,608	202.93	3,881	6,558
202.42	3,622	4,644	202.94	3,886	6,596
202.43	3,627	4,680	202.95	3,892	6,635
202.44	3,632	4,717	202.96	3,897	6,674
202.45	3,637	4,753	202.97	3,902	6,713
202.46	3,642	4,790	202.98	3,907	6,752
202.47	3,647	4,826	202.99	3,912	6,791
202.48	3,652	4,862	203.00	3,917	6,831
202.49	3,657	4,899	203.01	3,922	6,870
202.50	3,663	4,936	203.02	3,928	6,909
202.51	3,668	4,972	203.03	3,933	6,948
202.52	3,673	5,009	203.04	3,938	6,988
202.53	3,678	5,046	203.05	3,944	7,027
202.54	3,683	5,083	203.06	3,949	7,066
202.55	3,688	5,119	203.07	3,955	7,106

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	3,960	7,146	203.60	4,239	9,277
203.09	3,965	7,185	203.61	4,245	9,320
203.10	3,971	7,225	203.62	4,250	9,362
203.11	3,976	7,265	203.63	4,255	9,405
203.12	3,981	7,304	203.64	4,261	9,447
203.13	3,987	7,344	203.65	4,266	9,490
203.14	3,992	7,384	203.66	4,271	9,533
203.15	3,998	7,424	203.67	4,277	9,575
203.16	4,003	7,464	203.68	4,282	9,618
203.17	4,008	7,504	203.69	4,288	9,661
203.18	4,014	7,544	203.70	4,293	9,704
203.19	4,019	7,584	203.71	4,298	9,747
203.20	4,024	7,625	203.72	4,304	9,790
203.21	4,030	7,665	203.73	4,309	9,833
203.22	4,035	7,705	203.74	4,314	9,876
203.23	4,041	7,746	203.75	4,320	9,919
203.24	4,046	7,786	203.76	4,325	9,963
203.25	4,051	7,827	203.77	4,330	10,006
203.26	4,057	7,867	203.78	4,336	10,049
203.27	4,062	7,908	203.79	4,341	10,093
203.28	4,067	7,948	203.80	4,347	10,136
203.29	4,073	7,989	203.81	4,352	10,179
203.30	4,078	8,030	203.82	4,357	10,223
203.31	4,083	8,071	203.83	4,363	10,267
203.32	4,089	8,111	203.84	4,368	10,310
203.33	4,094	8,152	203.85	4,373	10,354
203.34	4,100	8,193	203.86	4,379	10,398
203.35	4,105	8,234	203.87	4,384	10,442
203.36	4,110	8,275	203.88	4,390	10,485
203.37	4,116	8,317	203.89	4,395	10,529
203.38	4,121	8,358	203.90	4,400	10,573
203.39	4,126	8,399	203.91	4,406	10,617
203.40	4,132	8,440	203.92	4,411	10,661
203.41	4,137	8,482	203.93	4,416	10,706
203.42	4,143	8,523	203.94	4,422	10,750
203.43	4,148	8,564	203.95	4,427	10,794
203.44	4,153	8,606	203.96	4,433	10,838
203.45	4,159	8,648	203.97	4,438	10,883
203.46	4,164	8,689	203.98	4,443	10,927
203.47	4,169	8,731	203.99	4,449	10,971
203.48	4,175	8,773	204.00	4,454	11,016
203.49	4,180	8,814	204.01	4,460	11,061
203.50	4,186	8,856	204.02	4,465	11,105
203.51	4,191	8,898	204.03	4,471	11,150
203.52	4,196	8,940	204.04	4,477	11,195
203.53	4,202	8,982	204.05	4,482	11,239
203.54	4,207	9,024	204.06	4,488	11,284
203.55	4,212	9,066	204.07	4,494	11,329
203.56	4,218	9,108	204.08	4,499	11,374
203.57	4,223	9,150	204.09	4,505	11,419
203.58	4,228	9,193	204.10	4,510	11,464
203.59	4,234	9,235	204.11	4,516	11,509

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	4,522	11,555	204.64	4,816	13,982
204.13	4,527	11,600	204.65	4,821	14,030
204.14	4,533	11,645	204.66	4,827	14,079
204.15	4,539	11,690	204.67	4,833	14,127
204.16	4,544	11,736	204.68	4,838	14,175
204.17	4,550	11,781	204.69	4,844	14,224
204.18	4,556	11,827	204.70	4,849	14,272
204.19	4,561	11,872	204.71	4,855	14,321
204.20	4,567	11,918	204.72	4,861	14,369
204.21	4,573	11,964	204.73	4,866	14,418
204.22	4,578	12,010	204.74	4,872	14,467
204.23	4,584	12,055	204.75	4,878	14,515
204.24	4,590	12,101	204.76	4,883	14,564
204.25	4,595	12,147	204.77	4,889	14,613
204.26	4,601	12,193	204.78	4,895	14,662
204.27	4,607	12,239	204.79	4,900	14,711
204.28	4,612	12,285	204.80	4,906	14,760
204.29	4,618	12,331	204.81	4,912	14,809
204.30	4,624	12,378	204.82	4,917	14,858
204.31	4,629	12,424	204.83	4,923	14,907
204.32	4,635	12,470	204.84	4,929	14,957
204.33	4,640	12,517	204.85	4,934	15,006
204.34	4,646	12,563	204.86	4,940	15,055
204.35	4,652	12,610	204.87	4,946	15,105
204.36	4,657	12,656	204.88	4,951	15,154
204.37	4,663	12,703	204.89	4,957	15,204
204.38	4,669	12,749	204.90	4,963	15,253
204.39	4,674	12,796	204.91	4,968	15,303
204.40	4,680	12,843	204.92	4,974	15,353
204.41	4,686	12,890	204.93	4,979	15,403
204.42	4,691	12,937	204.94	4,985	15,452
204.43	4,697	12,983	204.95	4,991	15,502
204.44	4,703	13,030	204.96	4,996	15,552
204.45	4,708	13,078	204.97	5,002	15,602
204.46	4,714	13,125	204.98	5,008	15,652
204.47	4,720	13,172	204.99	5,013	15,702
204.48	4,725	13,219	205.00	5,019	15,753
204.49	4,731	13,266			
204.50	4,737	13,314			
204.51	4,742	13,361			
204.52	4,748	13,408			
204.53	4,753	13,456			
204.54	4,759	13,504			
204.55	4,765	13,551			
204.56	4,770	13,599			
204.57	4,776	13,647			
204.58	4,782	13,694			
204.59	4,787	13,742			
204.60	4,793	13,790			
204.61	4,799	13,838			
204.62	4,804	13,886			
204.63	4,810	13,934			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 2.07" for Current 2 yr event
 Inflow = 3.91 cfs @ 12.17 hrs, Volume= 0.326 af
 Outflow = 2.36 cfs @ 12.31 hrs, Volume= 0.242 af, Atten= 40%, Lag= 8.0 min
 Primary = 2.36 cfs @ 12.31 hrs, Volume= 0.242 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.51' @ 12.31 hrs Surf.Area= 4,078 sf Storage= 5,719 cf

Plug-Flow detention time= 190.7 min calculated for 0.242 af (74% of inflow)
 Center-of-Mass det. time= 94.7 min (885.8 - 791.1)

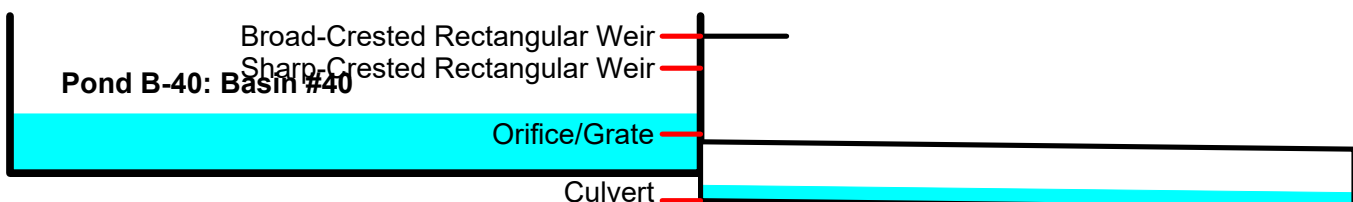
Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	17,107 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	3,521	0	0
203.00	3,886	3,704	3,704
204.00	4,266	4,076	7,780
205.00	4,660	4,463	12,243
206.00	5,069	4,865	17,107

Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.99'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.67'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

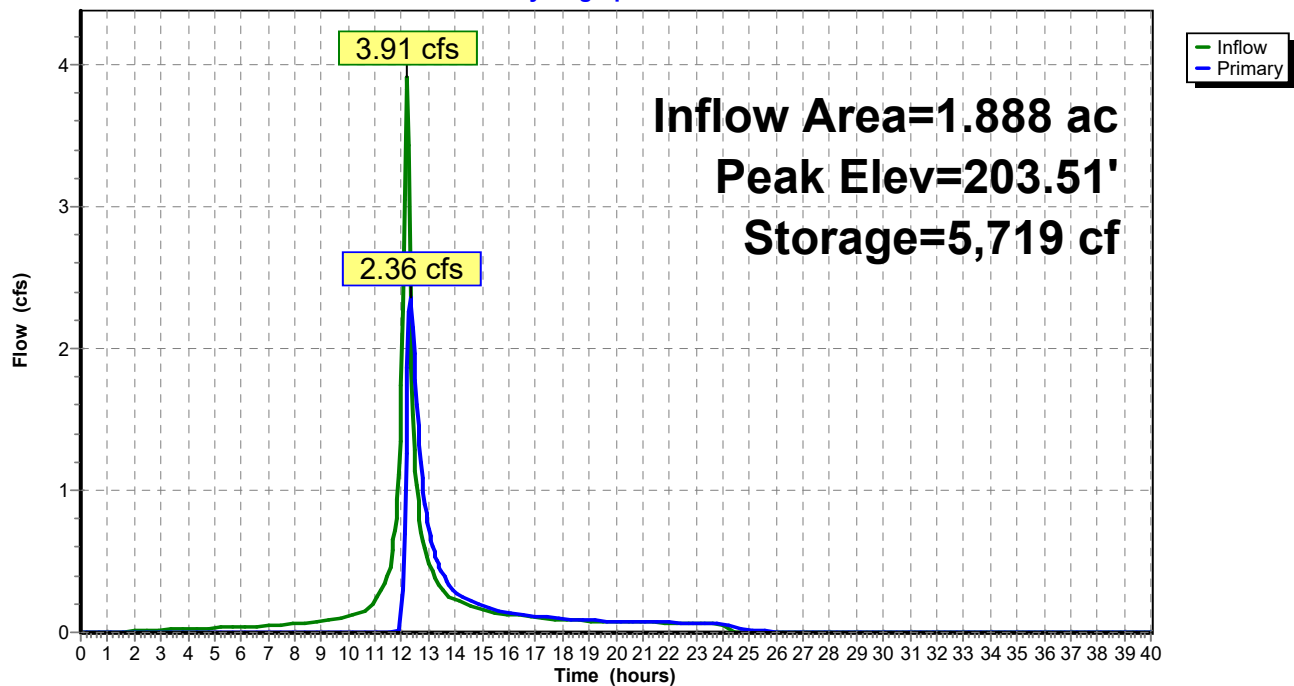
Primary OutFlow Max=2.36 cfs @ 12.31 hrs HW=203.50' (Free Discharge)

1=Culvert (Passes 2.36 cfs of 9.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.36 cfs @ 2.36 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-40: Basin #40

Hydrograph



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.00	0	202.00	0.00
0.60	0.00	0	202.00	0.00
0.70	0.00	0	202.00	0.00
0.80	0.00	0	202.00	0.00
0.90	0.00	0	202.00	0.00
1.00	0.00	0	202.00	0.00
1.10	0.00	0	202.00	0.00
1.20	0.00	0	202.00	0.00
1.30	0.00	0	202.00	0.00
1.40	0.00	1	202.00	0.00
1.50	0.00	1	202.00	0.00
1.60	0.00	3	202.00	0.00
1.70	0.01	4	202.00	0.00
1.80	0.01	6	202.00	0.00
1.90	0.01	9	202.00	0.00
2.00	0.01	12	202.00	0.00
2.10	0.01	15	202.00	0.00
2.20	0.01	18	202.01	0.00
2.30	0.01	22	202.01	0.00
2.40	0.01	26	202.01	0.00
2.50	0.01	31	202.01	0.00
2.60	0.01	36	202.01	0.00
2.70	0.01	41	202.01	0.00
2.80	0.02	47	202.01	0.00
2.90	0.02	53	202.01	0.00
3.00	0.02	59	202.02	0.00
3.10	0.02	65	202.02	0.00
3.20	0.02	72	202.02	0.00
3.30	0.02	79	202.02	0.00
3.40	0.02	86	202.02	0.00
3.50	0.02	94	202.03	0.00
3.60	0.02	102	202.03	0.00
3.70	0.02	110	202.03	0.00
3.80	0.02	118	202.03	0.00
3.90	0.02	127	202.04	0.00
4.00	0.02	136	202.04	0.00
4.10	0.03	145	202.04	0.00
4.20	0.03	154	202.04	0.00
4.30	0.03	164	202.05	0.00
4.40	0.03	174	202.05	0.00
4.50	0.03	184	202.05	0.00
4.60	0.03	194	202.05	0.00
4.70	0.03	205	202.06	0.00
4.80	0.03	215	202.06	0.00
4.90	0.03	226	202.06	0.00
5.00	0.03	237	202.07	0.00
5.10	0.03	249	202.07	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	260	202.07	0.00
5.30	0.03	272	202.08	0.00
5.40	0.03	284	202.08	0.00
5.50	0.03	296	202.08	0.00
5.60	0.03	309	202.09	0.00
5.70	0.04	321	202.09	0.00
5.80	0.04	334	202.09	0.00
5.90	0.04	347	202.10	0.00
6.00	0.04	360	202.10	0.00
6.10	0.04	374	202.11	0.00
6.20	0.04	387	202.11	0.00
6.30	0.04	401	202.11	0.00
6.40	0.04	416	202.12	0.00
6.50	0.04	431	202.12	0.00
6.60	0.04	446	202.13	0.00
6.70	0.04	462	202.13	0.00
6.80	0.05	478	202.13	0.00
6.90	0.05	495	202.14	0.00
7.00	0.05	512	202.14	0.00
7.10	0.05	530	202.15	0.00
7.20	0.05	548	202.15	0.00
7.30	0.05	567	202.16	0.00
7.40	0.05	586	202.16	0.00
7.50	0.05	605	202.17	0.00
7.60	0.06	625	202.18	0.00
7.70	0.06	646	202.18	0.00
7.80	0.06	667	202.19	0.00
7.90	0.06	688	202.19	0.00
8.00	0.06	710	202.20	0.00
8.10	0.06	732	202.21	0.00
8.20	0.06	755	202.21	0.00
8.30	0.07	779	202.22	0.00
8.40	0.07	802	202.23	0.00
8.50	0.07	826	202.23	0.00
8.60	0.07	851	202.24	0.00
8.70	0.07	876	202.25	0.00
8.80	0.07	902	202.25	0.00
8.90	0.07	928	202.26	0.00
9.00	0.07	955	202.27	0.00
9.10	0.08	982	202.27	0.00
9.20	0.08	1,010	202.28	0.00
9.30	0.08	1,040	202.29	0.00
9.40	0.09	1,071	202.30	0.00
9.50	0.09	1,104	202.31	0.00
9.60	0.10	1,138	202.32	0.00
9.70	0.10	1,174	202.33	0.00
9.80	0.11	1,212	202.34	0.00
9.90	0.11	1,251	202.35	0.00
10.00	0.12	1,292	202.36	0.00
10.10	0.12	1,334	202.37	0.00
10.20	0.12	1,378	202.38	0.00
10.30	0.13	1,424	202.40	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,471	202.41	0.00
10.50	0.14	1,520	202.42	0.00
10.60	0.15	1,571	202.44	0.00
10.70	0.16	1,626	202.45	0.00
10.80	0.18	1,687	202.47	0.00
10.90	0.20	1,755	202.49	0.00
11.00	0.22	1,830	202.51	0.00
11.10	0.24	1,913	202.53	0.00
11.20	0.28	2,007	202.55	0.00
11.30	0.32	2,114	202.58	0.00
11.40	0.36	2,235	202.62	0.00
11.50	0.40	2,371	202.65	0.00
11.60	0.49	2,528	202.69	0.00
11.70	0.65	2,735	202.75	0.00
11.80	0.81	2,996	202.82	0.00
11.90	1.11	3,337	202.91	0.00
12.00	1.74	3,831	203.03	0.06
12.10	3.05	4,551	203.22	0.69
12.20	3.80	5,399	203.43	1.86
12.30	2.34	5,718	203.51	2.36
12.40	1.53	5,582	203.47	2.15
12.50	1.13	5,346	203.41	1.78
12.60	0.92	5,137	203.36	1.46
12.70	0.70	4,949	203.32	1.19
12.80	0.61	4,792	203.28	0.98
12.90	0.55	4,673	203.25	0.83
13.00	0.49	4,580	203.22	0.72
13.10	0.44	4,505	203.20	0.64
13.20	0.40	4,439	203.19	0.57
13.30	0.37	4,384	203.17	0.51
13.40	0.34	4,337	203.16	0.46
13.50	0.31	4,296	203.15	0.42
13.60	0.28	4,258	203.14	0.38
13.70	0.26	4,223	203.13	0.35
13.80	0.25	4,193	203.13	0.32
13.90	0.24	4,169	203.12	0.30
14.00	0.23	4,149	203.11	0.28
14.10	0.22	4,132	203.11	0.27
14.20	0.22	4,117	203.11	0.26
14.30	0.21	4,103	203.10	0.24
14.40	0.20	4,091	203.10	0.23
14.50	0.19	4,080	203.10	0.23
14.60	0.19	4,069	203.09	0.22
14.70	0.18	4,058	203.09	0.21
14.80	0.17	4,048	203.09	0.20
14.90	0.17	4,038	203.09	0.19
15.00	0.16	4,029	203.08	0.18
15.10	0.15	4,019	203.08	0.18
15.20	0.14	4,010	203.08	0.17
15.30	0.14	4,001	203.08	0.16
15.40	0.14	3,993	203.07	0.16
15.50	0.14	3,986	203.07	0.15

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	3,980	203.07	0.15
15.70	0.13	3,975	203.07	0.15
15.80	0.13	3,970	203.07	0.14
15.90	0.13	3,966	203.07	0.14
16.00	0.13	3,961	203.07	0.14
16.10	0.12	3,957	203.07	0.14
16.20	0.12	3,954	203.06	0.13
16.30	0.12	3,950	203.06	0.13
16.40	0.12	3,947	203.06	0.13
16.50	0.12	3,943	203.06	0.13
16.60	0.12	3,940	203.06	0.12
16.70	0.11	3,937	203.06	0.12
16.80	0.11	3,934	203.06	0.12
16.90	0.11	3,931	203.06	0.12
17.00	0.11	3,927	203.06	0.12
17.10	0.11	3,924	203.06	0.11
17.20	0.10	3,921	203.06	0.11
17.30	0.10	3,918	203.06	0.11
17.40	0.10	3,915	203.05	0.11
17.50	0.10	3,912	203.05	0.11
17.60	0.10	3,909	203.05	0.10
17.70	0.09	3,906	203.05	0.10
17.80	0.09	3,903	203.05	0.10
17.90	0.09	3,900	203.05	0.10
18.00	0.09	3,896	203.05	0.10
18.10	0.09	3,893	203.05	0.09
18.20	0.08	3,890	203.05	0.09
18.30	0.08	3,888	203.05	0.09
18.40	0.08	3,885	203.05	0.09
18.50	0.08	3,883	203.05	0.09
18.60	0.08	3,881	203.05	0.09
18.70	0.08	3,880	203.05	0.09
18.80	0.08	3,878	203.04	0.08
18.90	0.08	3,877	203.04	0.08
19.00	0.08	3,876	203.04	0.08
19.10	0.08	3,875	203.04	0.08
19.20	0.08	3,874	203.04	0.08
19.30	0.08	3,873	203.04	0.08
19.40	0.08	3,872	203.04	0.08
19.50	0.08	3,871	203.04	0.08
19.60	0.08	3,870	203.04	0.08
19.70	0.08	3,869	203.04	0.08
19.80	0.08	3,868	203.04	0.08
19.90	0.08	3,868	203.04	0.08
20.00	0.07	3,867	203.04	0.08
20.10	0.07	3,866	203.04	0.08
20.20	0.07	3,865	203.04	0.08
20.30	0.07	3,865	203.04	0.08
20.40	0.07	3,864	203.04	0.07
20.50	0.07	3,863	203.04	0.07
20.60	0.07	3,862	203.04	0.07
20.70	0.07	3,861	203.04	0.07

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	3,861	203.04	0.07
20.90	0.07	3,860	203.04	0.07
21.00	0.07	3,859	203.04	0.07
21.10	0.07	3,858	203.04	0.07
21.20	0.07	3,857	203.04	0.07
21.30	0.07	3,857	203.04	0.07
21.40	0.07	3,856	203.04	0.07
21.50	0.07	3,855	203.04	0.07
21.60	0.07	3,854	203.04	0.07
21.70	0.07	3,853	203.04	0.07
21.80	0.07	3,852	203.04	0.07
21.90	0.07	3,851	203.04	0.07
22.00	0.06	3,849	203.04	0.07
22.10	0.06	3,848	203.04	0.07
22.20	0.06	3,847	203.04	0.07
22.30	0.06	3,846	203.04	0.07
22.40	0.06	3,845	203.04	0.07
22.50	0.06	3,844	203.04	0.07
22.60	0.06	3,843	203.04	0.06
22.70	0.06	3,841	203.04	0.06
22.80	0.06	3,840	203.04	0.06
22.90	0.06	3,839	203.03	0.06
23.00	0.06	3,838	203.03	0.06
23.10	0.06	3,837	203.03	0.06
23.20	0.06	3,836	203.03	0.06
23.30	0.06	3,834	203.03	0.06
23.40	0.06	3,833	203.03	0.06
23.50	0.06	3,832	203.03	0.06
23.60	0.06	3,831	203.03	0.06
23.70	0.06	3,830	203.03	0.06
23.80	0.06	3,828	203.03	0.06
23.90	0.05	3,827	203.03	0.06
24.00	0.06	3,826	203.03	0.06
24.10	0.05	3,826	203.03	0.06
24.20	0.01	3,816	203.03	0.05
24.30	0.00	3,801	203.03	0.05
24.40	0.00	3,786	203.02	0.04
24.50	0.00	3,772	203.02	0.04
24.60	0.00	3,760	203.01	0.03
24.70	0.00	3,750	203.01	0.03
24.80	0.00	3,742	203.01	0.02
24.90	0.00	3,734	203.01	0.02
25.00	0.00	3,728	203.01	0.02
25.10	0.00	3,722	203.00	0.01
25.20	0.00	3,717	203.00	0.01
25.30	0.00	3,713	203.00	0.01
25.40	0.00	3,710	203.00	0.01
25.50	0.00	3,707	203.00	0.01
25.60	0.00	3,704	203.00	0.01
25.70	0.00	3,702	203.00	0.01
25.80	0.00	3,700	203.00	0.01
25.90	0.00	3,698	203.00	0.01

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,696	203.00	0.01
26.10	0.00	3,694	203.00	0.00
26.20	0.00	3,692	203.00	0.00
26.30	0.00	3,691	203.00	0.00
26.40	0.00	3,689	203.00	0.00
26.50	0.00	3,688	203.00	0.00
26.60	0.00	3,686	203.00	0.00
26.70	0.00	3,685	203.00	0.00
26.80	0.00	3,684	202.99	0.00
26.90	0.00	3,683	202.99	0.00
27.00	0.00	3,682	202.99	0.00
27.10	0.00	3,681	202.99	0.00
27.20	0.00	3,680	202.99	0.00
27.30	0.00	3,679	202.99	0.00
27.40	0.00	3,678	202.99	0.00
27.50	0.00	3,677	202.99	0.00
27.60	0.00	3,677	202.99	0.00
27.70	0.00	3,676	202.99	0.00
27.80	0.00	3,675	202.99	0.00
27.90	0.00	3,675	202.99	0.00
28.00	0.00	3,674	202.99	0.00
28.10	0.00	3,674	202.99	0.00
28.20	0.00	3,673	202.99	0.00
28.30	0.00	3,673	202.99	0.00
28.40	0.00	3,672	202.99	0.00
28.50	0.00	3,672	202.99	0.00
28.60	0.00	3,671	202.99	0.00
28.70	0.00	3,671	202.99	0.00
28.80	0.00	3,671	202.99	0.00
28.90	0.00	3,670	202.99	0.00
29.00	0.00	3,670	202.99	0.00
29.10	0.00	3,670	202.99	0.00
29.20	0.00	3,669	202.99	0.00
29.30	0.00	3,669	202.99	0.00
29.40	0.00	3,669	202.99	0.00
29.50	0.00	3,669	202.99	0.00
29.60	0.00	3,668	202.99	0.00
29.70	0.00	3,668	202.99	0.00
29.80	0.00	3,668	202.99	0.00
29.90	0.00	3,668	202.99	0.00
30.00	0.00	3,668	202.99	0.00
30.10	0.00	3,667	202.99	0.00
30.20	0.00	3,667	202.99	0.00
30.30	0.00	3,667	202.99	0.00
30.40	0.00	3,667	202.99	0.00
30.50	0.00	3,667	202.99	0.00
30.60	0.00	3,667	202.99	0.00
30.70	0.00	3,667	202.99	0.00
30.80	0.00	3,666	202.99	0.00
30.90	0.00	3,666	202.99	0.00
31.00	0.00	3,666	202.99	0.00
31.10	0.00	3,666	202.99	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,666	202.99	0.00
31.30	0.00	3,666	202.99	0.00
31.40	0.00	3,666	202.99	0.00
31.50	0.00	3,666	202.99	0.00
31.60	0.00	3,666	202.99	0.00
31.70	0.00	3,666	202.99	0.00
31.80	0.00	3,666	202.99	0.00
31.90	0.00	3,666	202.99	0.00
32.00	0.00	3,666	202.99	0.00
32.10	0.00	3,665	202.99	0.00
32.20	0.00	3,665	202.99	0.00
32.30	0.00	3,665	202.99	0.00
32.40	0.00	3,665	202.99	0.00
32.50	0.00	3,665	202.99	0.00
32.60	0.00	3,665	202.99	0.00
32.70	0.00	3,665	202.99	0.00
32.80	0.00	3,665	202.99	0.00
32.90	0.00	3,665	202.99	0.00
33.00	0.00	3,665	202.99	0.00
33.10	0.00	3,665	202.99	0.00
33.20	0.00	3,665	202.99	0.00
33.30	0.00	3,665	202.99	0.00
33.40	0.00	3,665	202.99	0.00
33.50	0.00	3,665	202.99	0.00
33.60	0.00	3,665	202.99	0.00
33.70	0.00	3,665	202.99	0.00
33.80	0.00	3,665	202.99	0.00
33.90	0.00	3,665	202.99	0.00
34.00	0.00	3,665	202.99	0.00
34.10	0.00	3,665	202.99	0.00
34.20	0.00	3,665	202.99	0.00
34.30	0.00	3,665	202.99	0.00
34.40	0.00	3,665	202.99	0.00
34.50	0.00	3,665	202.99	0.00
34.60	0.00	3,665	202.99	0.00
34.70	0.00	3,665	202.99	0.00
34.80	0.00	3,665	202.99	0.00
34.90	0.00	3,665	202.99	0.00
35.00	0.00	3,665	202.99	0.00
35.10	0.00	3,665	202.99	0.00
35.20	0.00	3,665	202.99	0.00
35.30	0.00	3,665	202.99	0.00
35.40	0.00	3,665	202.99	0.00
35.50	0.00	3,665	202.99	0.00
35.60	0.00	3,665	202.99	0.00
35.70	0.00	3,665	202.99	0.00
35.80	0.00	3,665	202.99	0.00
35.90	0.00	3,665	202.99	0.00
36.00	0.00	3,665	202.99	0.00
36.10	0.00	3,665	202.99	0.00
36.20	0.00	3,665	202.99	0.00
36.30	0.00	3,665	202.99	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,665	202.99	0.00
36.50	0.00	3,665	202.99	0.00
36.60	0.00	3,665	202.99	0.00
36.70	0.00	3,665	202.99	0.00
36.80	0.00	3,665	202.99	0.00
36.90	0.00	3,665	202.99	0.00
37.00	0.00	3,665	202.99	0.00
37.10	0.00	3,665	202.99	0.00
37.20	0.00	3,665	202.99	0.00
37.30	0.00	3,665	202.99	0.00
37.40	0.00	3,665	202.99	0.00
37.50	0.00	3,665	202.99	0.00
37.60	0.00	3,665	202.99	0.00
37.70	0.00	3,665	202.99	0.00
37.80	0.00	3,665	202.99	0.00
37.90	0.00	3,665	202.99	0.00
38.00	0.00	3,665	202.99	0.00
38.10	0.00	3,665	202.99	0.00
38.20	0.00	3,665	202.99	0.00
38.30	0.00	3,665	202.99	0.00
38.40	0.00	3,665	202.99	0.00
38.50	0.00	3,665	202.99	0.00
38.60	0.00	3,665	202.99	0.00
38.70	0.00	3,665	202.99	0.00
38.80	0.00	3,665	202.99	0.00
38.90	0.00	3,665	202.99	0.00
39.00	0.00	3,665	202.99	0.00
39.10	0.00	3,665	202.99	0.00
39.20	0.00	3,665	202.99	0.00
39.30	0.00	3,665	202.99	0.00
39.40	0.00	3,665	202.99	0.00
39.50	0.00	3,665	202.99	0.00
39.60	0.00	3,665	202.99	0.00
39.70	0.00	3,665	202.99	0.00
39.80	0.00	3,665	202.99	0.00
39.90	0.00	3,665	202.99	0.00
40.00	0.00	3,665	202.99	0.00

Stage-Discharge for Pond B-40: Basin #40

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.07	203.56	2.64
202.01	0.00	202.53	0.00	203.05	0.09	203.57	2.69
202.02	0.00	202.54	0.00	203.06	0.12	203.58	2.74
202.03	0.00	202.55	0.00	203.07	0.15	203.59	2.78
202.04	0.00	202.56	0.00	203.08	0.17	203.60	2.82
202.05	0.00	202.57	0.00	203.09	0.20	203.61	2.87
202.06	0.00	202.58	0.00	203.10	0.23	203.62	2.91
202.07	0.00	202.59	0.00	203.11	0.27	203.63	2.95
202.08	0.00	202.60	0.00	203.12	0.30	203.64	2.99
202.09	0.00	202.61	0.00	203.13	0.34	203.65	3.03
202.10	0.00	202.62	0.00	203.14	0.37	203.66	3.07
202.11	0.00	202.63	0.00	203.15	0.41	203.67	3.11
202.12	0.00	202.64	0.00	203.16	0.45	203.68	3.15
202.13	0.00	202.65	0.00	203.17	0.49	203.69	3.19
202.14	0.00	202.66	0.00	203.18	0.53	203.70	3.22
202.15	0.00	202.67	0.00	203.19	0.57	203.71	3.26
202.16	0.00	202.68	0.00	203.20	0.62	203.72	3.30
202.17	0.00	202.69	0.00	203.21	0.66	203.73	3.33
202.18	0.00	202.70	0.00	203.22	0.71	203.74	3.37
202.19	0.00	202.71	0.00	203.23	0.75	203.75	3.40
202.20	0.00	202.72	0.00	203.24	0.80	203.76	3.44
202.21	0.00	202.73	0.00	203.25	0.85	203.77	3.47
202.22	0.00	202.74	0.00	203.26	0.90	203.78	3.51
202.23	0.00	202.75	0.00	203.27	0.95	203.79	3.54
202.24	0.00	202.76	0.00	203.28	1.00	203.80	3.57
202.25	0.00	202.77	0.00	203.29	1.05	203.81	3.60
202.26	0.00	202.78	0.00	203.30	1.11	203.82	3.64
202.27	0.00	202.79	0.00	203.31	1.16	203.83	3.67
202.28	0.00	202.80	0.00	203.32	1.22	203.84	3.70
202.29	0.00	202.81	0.00	203.33	1.27	203.85	3.73
202.30	0.00	202.82	0.00	203.34	1.33	203.86	3.76
202.31	0.00	202.83	0.00	203.35	1.39	203.87	3.80
202.32	0.00	202.84	0.00	203.36	1.44	203.88	3.83
202.33	0.00	202.85	0.00	203.37	1.50	203.89	3.86
202.34	0.00	202.86	0.00	203.38	1.56	203.90	3.89
202.35	0.00	202.87	0.00	203.39	1.62	203.91	3.92
202.36	0.00	202.88	0.00	203.40	1.69	203.92	3.95
202.37	0.00	202.89	0.00	203.41	1.75	203.93	3.98
202.38	0.00	202.90	0.00	203.42	1.81	203.94	4.01
202.39	0.00	202.91	0.00	203.43	1.87	203.95	4.04
202.40	0.00	202.92	0.00	203.44	1.94	203.96	4.06
202.41	0.00	202.93	0.00	203.45	2.00	203.97	4.09
202.42	0.00	202.94	0.00	203.46	2.07	203.98	4.12
202.43	0.00	202.95	0.00	203.47	2.13	203.99	4.15
202.44	0.00	202.96	0.00	203.48	2.20	204.00	4.18
202.45	0.00	202.97	0.00	203.49	2.27	204.01	4.21
202.46	0.00	202.98	0.00	203.50	2.33	204.02	4.23
202.47	0.00	202.99	0.00	203.51	2.39	204.03	4.26
202.48	0.00	203.00	0.01	203.52	2.44	204.04	4.29
202.49	0.00	203.01	0.02	203.53	2.50	204.05	4.32
202.50	0.00	203.02	0.03	203.54	2.55	204.06	4.34
202.51	0.00	203.03	0.05	203.55	2.60	204.07	4.37

Stage-Discharge for Pond B-40: Basin #40 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	4.40	204.60	5.61	205.12	10.46	205.64	22.97
204.09	4.42	204.61	5.63	205.13	10.60	205.65	23.69
204.10	4.45	204.62	5.65	205.14	10.75	205.66	24.43
204.11	4.48	204.63	5.67	205.15	10.90	205.67	25.20
204.12	4.50	204.64	5.69	205.16	11.04	205.68	25.99
204.13	4.53	204.65	5.71	205.17	11.19	205.69	26.80
204.14	4.55	204.66	5.73	205.18	11.34	205.70	27.67
204.15	4.58	204.67	5.75	205.19	11.50	205.71	28.56
204.16	4.60	204.68	5.78	205.20	11.65	205.72	29.48
204.17	4.63	204.69	5.83	205.21	11.80	205.73	30.43
204.18	4.65	204.70	5.88	205.22	11.96	205.74	31.40
204.19	4.68	204.71	5.94	205.23	12.12	205.75	32.39
204.20	4.70	204.72	6.00	205.24	12.27	205.76	33.41
204.21	4.73	204.73	6.06	205.25	12.43	205.77	34.46
204.22	4.75	204.74	6.13	205.26	12.59	205.78	35.53
204.23	4.78	204.75	6.20	205.27	12.75	205.79	36.62
204.24	4.80	204.76	6.28	205.28	12.91	205.80	37.74
204.25	4.83	204.77	6.36	205.29	13.08	205.81	38.89
204.26	4.85	204.78	6.44	205.30	13.24	205.82	40.05
204.27	4.87	204.79	6.53	205.31	13.41	205.83	41.25
204.28	4.90	204.80	6.62	205.32	13.57	205.84	42.46
204.29	4.92	204.81	6.71	205.33	13.74	205.85	43.70
204.30	4.95	204.82	6.80	205.34	13.91	205.86	44.97
204.31	4.97	204.83	6.90	205.35	14.08	205.87	46.25
204.32	4.99	204.84	6.99	205.36	14.24	205.88	47.57
204.33	5.02	204.85	7.09	205.37	14.42	205.89	48.90
204.34	5.04	204.86	7.20	205.38	14.59	205.90	50.29
204.35	5.06	204.87	7.30	205.39	14.76	205.91	51.70
204.36	5.09	204.88	7.41	205.40	14.93	205.92	53.14
204.37	5.11	204.89	7.51	205.41	15.11	205.93	54.61
204.38	5.13	204.90	7.62	205.42	15.28	205.94	56.10
204.39	5.15	204.91	7.74	205.43	15.46	205.95	57.62
204.40	5.18	204.92	7.85	205.44	15.64	205.96	59.16
204.41	5.20	204.93	7.97	205.45	15.69	205.97	60.73
204.42	5.22	204.94	8.08	205.46	15.71	205.98	62.33
204.43	5.24	204.95	8.20	205.47	15.74	205.99	63.95
204.44	5.26	204.96	8.32	205.48	15.76	206.00	65.60
204.45	5.29	204.97	8.44	205.49	15.78		
204.46	5.31	204.98	8.57	205.50	15.92		
204.47	5.33	204.99	8.69	205.51	16.16		
204.48	5.35	205.00	8.82	205.52	16.46		
204.49	5.37	205.01	8.95	205.53	16.81		
204.50	5.40	205.02	9.08	205.54	17.21		
204.51	5.42	205.03	9.21	205.55	17.64		
204.52	5.44	205.04	9.34	205.56	18.12		
204.53	5.46	205.05	9.48	205.57	18.62		
204.54	5.48	205.06	9.61	205.58	19.16		
204.55	5.50	205.07	9.75	205.59	19.73		
204.56	5.52	205.08	9.89	205.60	20.32		
204.57	5.54	205.09	10.03	205.61	20.95		
204.58	5.57	205.10	10.17	205.62	21.60		
204.59	5.59	205.11	10.31	205.63	22.27		

Stage-Area-Storage for Pond B-40: Basin #40

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	3,521	0	202.52	3,711	1,880
202.01	3,525	35	202.53	3,714	1,917
202.02	3,528	70	202.54	3,718	1,955
202.03	3,532	106	202.55	3,722	1,992
202.04	3,536	141	202.56	3,725	2,029
202.05	3,539	177	202.57	3,729	2,066
202.06	3,543	212	202.58	3,733	2,104
202.07	3,547	247	202.59	3,736	2,141
202.08	3,550	283	202.60	3,740	2,178
202.09	3,554	318	202.61	3,744	2,216
202.10	3,557	354	202.62	3,747	2,253
202.11	3,561	390	202.63	3,751	2,291
202.12	3,565	425	202.64	3,755	2,328
202.13	3,568	461	202.65	3,758	2,366
202.14	3,572	497	202.66	3,762	2,403
202.15	3,576	532	202.67	3,766	2,441
202.16	3,579	568	202.68	3,769	2,479
202.17	3,583	604	202.69	3,773	2,516
202.18	3,587	640	202.70	3,776	2,554
202.19	3,590	676	202.71	3,780	2,592
202.20	3,594	711	202.72	3,784	2,630
202.21	3,598	747	202.73	3,787	2,668
202.22	3,601	783	202.74	3,791	2,705
202.23	3,605	819	202.75	3,795	2,743
202.24	3,609	856	202.76	3,798	2,781
202.25	3,612	892	202.77	3,802	2,819
202.26	3,616	928	202.78	3,806	2,857
202.27	3,620	964	202.79	3,809	2,895
202.28	3,623	1,000	202.80	3,813	2,934
202.29	3,627	1,036	202.81	3,817	2,972
202.30	3,631	1,073	202.82	3,820	3,010
202.31	3,634	1,109	202.83	3,824	3,048
202.32	3,638	1,145	202.84	3,828	3,086
202.33	3,641	1,182	202.85	3,831	3,125
202.34	3,645	1,218	202.86	3,835	3,163
202.35	3,649	1,255	202.87	3,839	3,201
202.36	3,652	1,291	202.88	3,842	3,240
202.37	3,656	1,328	202.89	3,846	3,278
202.38	3,660	1,364	202.90	3,850	3,317
202.39	3,663	1,401	202.91	3,853	3,355
202.40	3,667	1,438	202.92	3,857	3,394
202.41	3,671	1,474	202.93	3,860	3,432
202.42	3,674	1,511	202.94	3,864	3,471
202.43	3,678	1,548	202.95	3,868	3,510
202.44	3,682	1,585	202.96	3,871	3,548
202.45	3,685	1,621	202.97	3,875	3,587
202.46	3,689	1,658	202.98	3,879	3,626
202.47	3,693	1,695	202.99	3,882	3,665
202.48	3,696	1,732	203.00	3,886	3,704
202.49	3,700	1,769	203.01	3,890	3,742
202.50	3,704	1,806	203.02	3,894	3,781
202.51	3,707	1,843	203.03	3,897	3,820

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	3,901	3,859	203.56	4,099	5,939
203.05	3,905	3,898	203.57	4,103	5,980
203.06	3,909	3,937	203.58	4,106	6,021
203.07	3,913	3,976	203.59	4,110	6,062
203.08	3,916	4,016	203.60	4,114	6,103
203.09	3,920	4,055	203.61	4,118	6,145
203.10	3,924	4,094	203.62	4,122	6,186
203.11	3,928	4,133	203.63	4,125	6,227
203.12	3,932	4,173	203.64	4,129	6,268
203.13	3,935	4,212	203.65	4,133	6,310
203.14	3,939	4,251	203.66	4,137	6,351
203.15	3,943	4,291	203.67	4,141	6,392
203.16	3,947	4,330	203.68	4,144	6,434
203.17	3,951	4,370	203.69	4,148	6,475
203.18	3,954	4,409	203.70	4,152	6,517
203.19	3,958	4,449	203.71	4,156	6,558
203.20	3,962	4,488	203.72	4,160	6,600
203.21	3,966	4,528	203.73	4,163	6,642
203.22	3,970	4,568	203.74	4,167	6,683
203.23	3,973	4,607	203.75	4,171	6,725
203.24	3,977	4,647	203.76	4,175	6,767
203.25	3,981	4,687	203.77	4,179	6,808
203.26	3,985	4,727	203.78	4,182	6,850
203.27	3,989	4,767	203.79	4,186	6,892
203.28	3,992	4,806	203.80	4,190	6,934
203.29	3,996	4,846	203.81	4,194	6,976
203.30	4,000	4,886	203.82	4,198	7,018
203.31	4,004	4,926	203.83	4,201	7,060
203.32	4,008	4,966	203.84	4,205	7,102
203.33	4,011	5,007	203.85	4,209	7,144
203.34	4,015	5,047	203.86	4,213	7,186
203.35	4,019	5,087	203.87	4,217	7,228
203.36	4,023	5,127	203.88	4,220	7,270
203.37	4,027	5,167	203.89	4,224	7,313
203.38	4,030	5,208	203.90	4,228	7,355
203.39	4,034	5,248	203.91	4,232	7,397
203.40	4,038	5,288	203.92	4,236	7,439
203.41	4,042	5,329	203.93	4,239	7,482
203.42	4,046	5,369	203.94	4,243	7,524
203.43	4,049	5,410	203.95	4,247	7,567
203.44	4,053	5,450	203.96	4,251	7,609
203.45	4,057	5,491	203.97	4,255	7,652
203.46	4,061	5,531	203.98	4,258	7,694
203.47	4,065	5,572	203.99	4,262	7,737
203.48	4,068	5,613	204.00	4,266	7,780
203.49	4,072	5,653	204.01	4,270	7,822
203.50	4,076	5,694	204.02	4,274	7,865
203.51	4,080	5,735	204.03	4,278	7,908
203.52	4,084	5,776	204.04	4,282	7,950
203.53	4,087	5,816	204.05	4,286	7,993
203.54	4,091	5,857	204.06	4,290	8,036
203.55	4,095	5,898	204.07	4,294	8,079

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	4,298	8,122	204.60	4,502	10,410
204.09	4,301	8,165	204.61	4,506	10,455
204.10	4,305	8,208	204.62	4,510	10,500
204.11	4,309	8,251	204.63	4,514	10,545
204.12	4,313	8,294	204.64	4,518	10,590
204.13	4,317	8,337	204.65	4,522	10,636
204.14	4,321	8,381	204.66	4,526	10,681
204.15	4,325	8,424	204.67	4,530	10,726
204.16	4,329	8,467	204.68	4,534	10,771
204.17	4,333	8,510	204.69	4,538	10,817
204.18	4,337	8,554	204.70	4,542	10,862
204.19	4,341	8,597	204.71	4,546	10,908
204.20	4,345	8,641	204.72	4,550	10,953
204.21	4,349	8,684	204.73	4,554	10,999
204.22	4,353	8,728	204.74	4,558	11,044
204.23	4,357	8,771	204.75	4,562	11,090
204.24	4,361	8,815	204.76	4,565	11,135
204.25	4,365	8,858	204.77	4,569	11,181
204.26	4,368	8,902	204.78	4,573	11,227
204.27	4,372	8,946	204.79	4,577	11,273
204.28	4,376	8,989	204.80	4,581	11,318
204.29	4,380	9,033	204.81	4,585	11,364
204.30	4,384	9,077	204.82	4,589	11,410
204.31	4,388	9,121	204.83	4,593	11,456
204.32	4,392	9,165	204.84	4,597	11,502
204.33	4,396	9,209	204.85	4,601	11,548
204.34	4,400	9,253	204.86	4,605	11,594
204.35	4,404	9,297	204.87	4,609	11,640
204.36	4,408	9,341	204.88	4,613	11,686
204.37	4,412	9,385	204.89	4,617	11,732
204.38	4,416	9,429	204.90	4,621	11,778
204.39	4,420	9,473	204.91	4,625	11,825
204.40	4,424	9,517	204.92	4,628	11,871
204.41	4,428	9,562	204.93	4,632	11,917
204.42	4,431	9,606	204.94	4,636	11,964
204.43	4,435	9,650	204.95	4,640	12,010
204.44	4,439	9,695	204.96	4,644	12,056
204.45	4,443	9,739	204.97	4,648	12,103
204.46	4,447	9,784	204.98	4,652	12,149
204.47	4,451	9,828	204.99	4,656	12,196
204.48	4,455	9,873	205.00	4,660	12,243
204.49	4,459	9,917	205.01	4,664	12,289
204.50	4,463	9,962	205.02	4,668	12,336
204.51	4,467	10,006	205.03	4,672	12,382
204.52	4,471	10,051	205.04	4,676	12,429
204.53	4,475	10,096	205.05	4,680	12,476
204.54	4,479	10,141	205.06	4,685	12,523
204.55	4,483	10,185	205.07	4,689	12,570
204.56	4,487	10,230	205.08	4,693	12,617
204.57	4,491	10,275	205.09	4,697	12,664
204.58	4,495	10,320	205.10	4,701	12,711
204.59	4,498	10,365	205.11	4,705	12,758

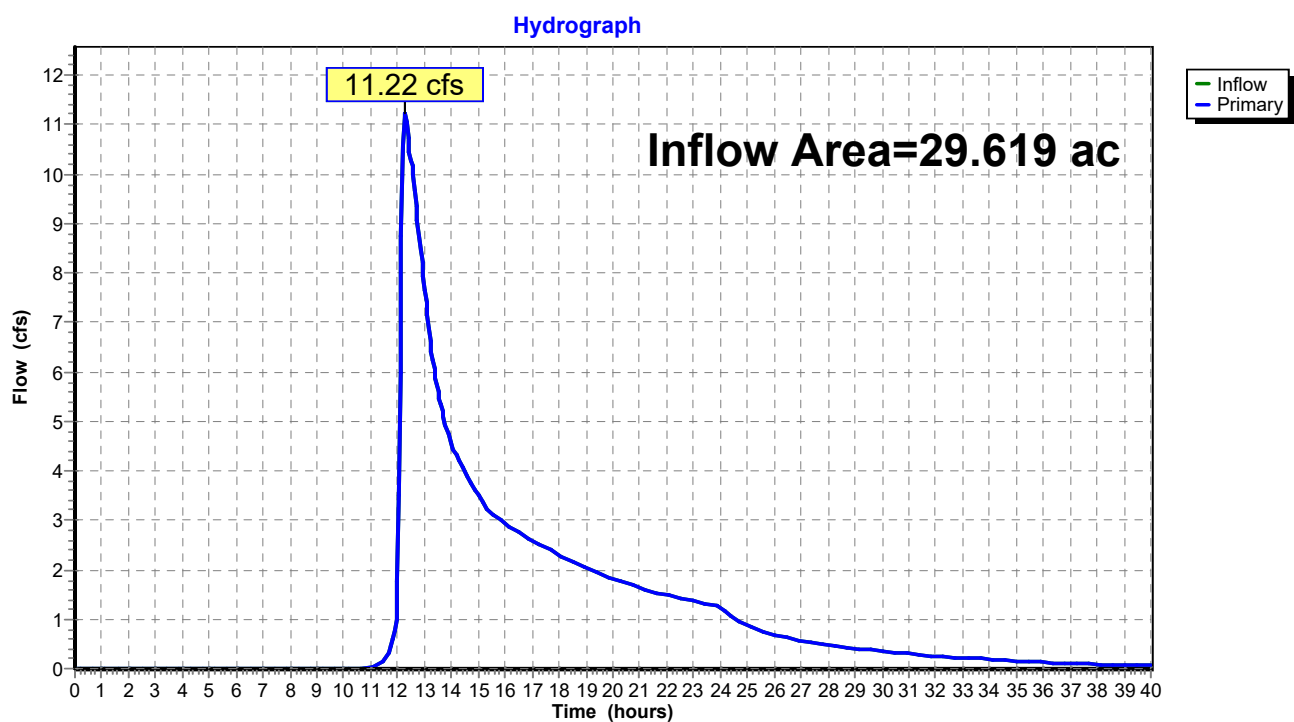
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	4,709	12,805	205.64	4,922	15,309
205.13	4,713	12,852	205.65	4,926	15,358
205.14	4,717	12,899	205.66	4,930	15,407
205.15	4,721	12,946	205.67	4,934	15,457
205.16	4,725	12,993	205.68	4,938	15,506
205.17	4,730	13,041	205.69	4,942	15,555
205.18	4,734	13,088	205.70	4,946	15,605
205.19	4,738	13,135	205.71	4,950	15,654
205.20	4,742	13,183	205.72	4,954	15,704
205.21	4,746	13,230	205.73	4,959	15,753
205.22	4,750	13,278	205.74	4,963	15,803
205.23	4,754	13,325	205.75	4,967	15,853
205.24	4,758	13,373	205.76	4,971	15,902
205.25	4,762	13,420	205.77	4,975	15,952
205.26	4,766	13,468	205.78	4,979	16,002
205.27	4,770	13,516	205.79	4,983	16,052
205.28	4,775	13,563	205.80	4,987	16,101
205.29	4,779	13,611	205.81	4,991	16,151
205.30	4,783	13,659	205.82	4,995	16,201
205.31	4,787	13,707	205.83	4,999	16,251
205.32	4,791	13,755	205.84	5,004	16,301
205.33	4,795	13,803	205.85	5,008	16,351
205.34	4,799	13,851	205.86	5,012	16,401
205.35	4,803	13,899	205.87	5,016	16,451
205.36	4,807	13,947	205.88	5,020	16,502
205.37	4,811	13,995	205.89	5,024	16,552
205.38	4,815	14,043	205.90	5,028	16,602
205.39	4,820	14,091	205.91	5,032	16,652
205.40	4,824	14,139	205.92	5,036	16,703
205.41	4,828	14,187	205.93	5,040	16,753
205.42	4,832	14,236	205.94	5,044	16,804
205.43	4,836	14,284	205.95	5,049	16,854
205.44	4,840	14,332	205.96	5,053	16,905
205.45	4,844	14,381	205.97	5,057	16,955
205.46	4,848	14,429	205.98	5,061	17,006
205.47	4,852	14,478	205.99	5,065	17,056
205.48	4,856	14,526	206.00	5,069	17,107
205.49	4,860	14,575			
205.50	4,865	14,624			
205.51	4,869	14,672			
205.52	4,873	14,721			
205.53	4,877	14,770			
205.54	4,881	14,819			
205.55	4,885	14,867			
205.56	4,889	14,916			
205.57	4,893	14,965			
205.58	4,897	15,014			
205.59	4,901	15,063			
205.60	4,905	15,112			
205.61	4,909	15,161			
205.62	4,914	15,210			
205.63	4,918	15,259			

Summary for Link PDA-3: Proposed Drainage Area #3

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 1.44" for Current 2 yr event
Inflow = 11.22 cfs @ 12.27 hrs, Volume= 3.553 af
Primary = 11.22 cfs @ 12.27 hrs, Volume= 3.553 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-3: Proposed Drainage Area #3

Hydrograph for Link PDA-3: Proposed Drainage Area #3

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	7.66	0.00	7.66
10.45	0.00	0.00	0.00	13.05	7.39	0.00	7.39
10.50	0.00	0.00	0.00	13.10	7.14	0.00	7.14
10.55	0.00	0.00	0.00	13.15	6.87	0.00	6.87
10.60	0.00	0.00	0.00	13.20	6.63	0.00	6.63
10.65	0.00	0.00	0.00	13.25	6.41	0.00	6.41
10.70	0.00	0.00	0.00	13.30	6.22	0.00	6.22
10.75	0.00	0.00	0.00	13.35	6.04	0.00	6.04
10.80	0.01	0.00	0.01	13.40	5.88	0.00	5.88
10.85	0.01	0.00	0.01	13.45	5.73	0.00	5.73
10.90	0.02	0.00	0.02	13.50	5.59	0.00	5.59
10.95	0.02	0.00	0.02	13.55	5.46	0.00	5.46
11.00	0.03	0.00	0.03	13.60	5.33	0.00	5.33
11.05	0.04	0.00	0.04	13.65	5.20	0.00	5.20
11.10	0.04	0.00	0.04	13.70	5.08	0.00	5.08
11.15	0.05	0.00	0.05	13.75	4.97	0.00	4.97
11.20	0.06	0.00	0.06	13.80	4.87	0.00	4.87
11.25	0.08	0.00	0.08	13.85	4.78	0.00	4.78
11.30	0.09	0.00	0.09	13.90	4.70	0.00	4.70
11.35	0.11	0.00	0.11	13.95	4.62	0.00	4.62
11.40	0.12	0.00	0.12	14.00	4.54	0.00	4.54
11.45	0.14	0.00	0.14	14.05	4.47	0.00	4.47
11.50	0.16	0.00	0.16	14.10	4.41	0.00	4.41
11.55	0.18	0.00	0.18	14.15	4.34	0.00	4.34
11.60	0.22	0.00	0.22	14.20	4.28	0.00	4.28
11.65	0.29	0.00	0.29	14.25	4.22	0.00	4.22
11.70	0.35	0.00	0.35	14.30	4.17	0.00	4.17
11.75	0.40	0.00	0.40	14.35	4.12	0.00	4.12
11.80	0.49	0.00	0.49	14.40	4.06	0.00	4.06
11.85	0.61	0.00	0.61	14.45	4.01	0.00	4.01
11.90	0.77	0.00	0.77	14.50	3.96	0.00	3.96
11.95	1.01	0.00	1.01	14.55	3.91	0.00	3.91
12.00	1.76	0.00	1.76	14.60	3.86	0.00	3.86
12.05	3.49	0.00	3.49	14.65	3.81	0.00	3.81
12.10	6.00	0.00	6.00	14.70	3.76	0.00	3.76
12.15	8.74	0.00	8.74	14.75	3.71	0.00	3.71
12.20	10.58	0.00	10.58	14.80	3.67	0.00	3.67
12.25	11.16	0.00	11.16	14.85	3.62	0.00	3.62
12.30	11.14	0.00	11.14	14.90	3.58	0.00	3.58
12.35	10.98	0.00	10.98	14.95	3.53	0.00	3.53
12.40	10.72	0.00	10.72	15.00	3.49	0.00	3.49
12.45	10.44	0.00	10.44	15.05	3.45	0.00	3.45
12.50	10.28	0.00	10.28	15.10	3.40	0.00	3.40
12.55	10.16	0.00	10.16	15.15	3.36	0.00	3.36
12.60	9.97	0.00	9.97	15.20	3.32	0.00	3.32
12.65	9.68	0.00	9.68	15.25	3.29	0.00	3.29
12.70	9.36	0.00	9.36	15.30	3.25	0.00	3.25
12.75	9.06	0.00	9.06	15.35	3.22	0.00	3.22
12.80	8.76	0.00	8.76	15.40	3.19	0.00	3.19
12.85	8.48	0.00	8.48	15.45	3.16	0.00	3.16
12.90	8.20	0.00	8.20	15.50	3.14	0.00	3.14
12.95	7.93	0.00	7.93	15.55	3.11	0.00	3.11

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.09	0.00	3.09	18.20	2.23	0.00	2.23
15.65	3.07	0.00	3.07	18.25	2.22	0.00	2.22
15.70	3.04	0.00	3.04	18.30	2.20	0.00	2.20
15.75	3.02	0.00	3.02	18.35	2.19	0.00	2.19
15.80	3.00	0.00	3.00	18.40	2.18	0.00	2.18
15.85	2.98	0.00	2.98	18.45	2.16	0.00	2.16
15.90	2.96	0.00	2.96	18.50	2.15	0.00	2.15
15.95	2.94	0.00	2.94	18.55	2.14	0.00	2.14
16.00	2.92	0.00	2.92	18.60	2.13	0.00	2.13
16.05	2.91	0.00	2.91	18.65	2.11	0.00	2.11
16.10	2.89	0.00	2.89	18.70	2.10	0.00	2.10
16.15	2.87	0.00	2.87	18.75	2.09	0.00	2.09
16.20	2.85	0.00	2.85	18.80	2.08	0.00	2.08
16.25	2.84	0.00	2.84	18.85	2.07	0.00	2.07
16.30	2.82	0.00	2.82	18.90	2.06	0.00	2.06
16.35	2.80	0.00	2.80	18.95	2.04	0.00	2.04
16.40	2.78	0.00	2.78	19.00	2.03	0.00	2.03
16.45	2.77	0.00	2.77	19.05	2.02	0.00	2.02
16.50	2.75	0.00	2.75	19.10	2.01	0.00	2.01
16.55	2.74	0.00	2.74	19.15	2.00	0.00	2.00
16.60	2.72	0.00	2.72	19.20	1.99	0.00	1.99
16.65	2.70	0.00	2.70	19.25	1.98	0.00	1.98
16.70	2.69	0.00	2.69	19.30	1.97	0.00	1.97
16.75	2.67	0.00	2.67	19.35	1.96	0.00	1.96
16.80	2.66	0.00	2.66	19.40	1.95	0.00	1.95
16.85	2.64	0.00	2.64	19.45	1.94	0.00	1.94
16.90	2.62	0.00	2.62	19.50	1.93	0.00	1.93
16.95	2.61	0.00	2.61	19.55	1.92	0.00	1.92
17.00	2.59	0.00	2.59	19.60	1.91	0.00	1.91
17.05	2.58	0.00	2.58	19.65	1.90	0.00	1.90
17.10	2.56	0.00	2.56	19.70	1.89	0.00	1.89
17.15	2.55	0.00	2.55	19.75	1.88	0.00	1.88
17.20	2.53	0.00	2.53	19.80	1.87	0.00	1.87
17.25	2.52	0.00	2.52	19.85	1.86	0.00	1.86
17.30	2.50	0.00	2.50	19.90	1.85	0.00	1.85
17.35	2.49	0.00	2.49	19.95	1.84	0.00	1.84
17.40	2.47	0.00	2.47	20.00	1.83	0.00	1.83
17.45	2.46	0.00	2.46	20.05	1.82	0.00	1.82
17.50	2.44	0.00	2.44	20.10	1.81	0.00	1.81
17.55	2.43	0.00	2.43	20.15	1.80	0.00	1.80
17.60	2.41	0.00	2.41	20.20	1.79	0.00	1.79
17.65	2.40	0.00	2.40	20.25	1.78	0.00	1.78
17.70	2.38	0.00	2.38	20.30	1.77	0.00	1.77
17.75	2.37	0.00	2.37	20.35	1.76	0.00	1.76
17.80	2.35	0.00	2.35	20.40	1.75	0.00	1.75
17.85	2.34	0.00	2.34	20.45	1.74	0.00	1.74
17.90	2.32	0.00	2.32	20.50	1.73	0.00	1.73
17.95	2.31	0.00	2.31	20.55	1.72	0.00	1.72
18.00	2.29	0.00	2.29	20.60	1.71	0.00	1.71
18.05	2.28	0.00	2.28	20.65	1.70	0.00	1.70
18.10	2.26	0.00	2.26	20.70	1.70	0.00	1.70
18.15	2.25	0.00	2.25	20.75	1.69	0.00	1.69

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.68	0.00	1.68	23.40	1.32	0.00	1.32
20.85	1.67	0.00	1.67	23.45	1.32	0.00	1.32
20.90	1.66	0.00	1.66	23.50	1.31	0.00	1.31
20.95	1.65	0.00	1.65	23.55	1.31	0.00	1.31
21.00	1.64	0.00	1.64	23.60	1.30	0.00	1.30
21.05	1.63	0.00	1.63	23.65	1.30	0.00	1.30
21.10	1.63	0.00	1.63	23.70	1.29	0.00	1.29
21.15	1.62	0.00	1.62	23.75	1.29	0.00	1.29
21.20	1.61	0.00	1.61	23.80	1.28	0.00	1.28
21.25	1.60	0.00	1.60	23.85	1.28	0.00	1.28
21.30	1.59	0.00	1.59	23.90	1.27	0.00	1.27
21.35	1.59	0.00	1.59	23.95	1.27	0.00	1.27
21.40	1.58	0.00	1.58	24.00	1.27	0.00	1.27
21.45	1.57	0.00	1.57	24.05	1.27	0.00	1.27
21.50	1.56	0.00	1.56	24.10	1.25	0.00	1.25
21.55	1.55	0.00	1.55	24.15	1.21	0.00	1.21
21.60	1.55	0.00	1.55	24.20	1.17	0.00	1.17
21.65	1.54	0.00	1.54	24.25	1.13	0.00	1.13
21.70	1.53	0.00	1.53	24.30	1.11	0.00	1.11
21.75	1.52	0.00	1.52	24.35	1.08	0.00	1.08
21.80	1.52	0.00	1.52	24.40	1.05	0.00	1.05
21.85	1.51	0.00	1.51	24.45	1.03	0.00	1.03
21.90	1.50	0.00	1.50	24.50	1.01	0.00	1.01
21.95	1.50	0.00	1.50	24.55	0.99	0.00	0.99
22.00	1.49	0.00	1.49	24.60	0.98	0.00	0.98
22.05	1.48	0.00	1.48	24.65	0.96	0.00	0.96
22.10	1.47	0.00	1.47	24.70	0.94	0.00	0.94
22.15	1.47	0.00	1.47	24.75	0.93	0.00	0.93
22.20	1.46	0.00	1.46	24.80	0.91	0.00	0.91
22.25	1.46	0.00	1.46	24.85	0.90	0.00	0.90
22.30	1.45	0.00	1.45	24.90	0.88	0.00	0.88
22.35	1.44	0.00	1.44	24.95	0.87	0.00	0.87
22.40	1.44	0.00	1.44	25.00	0.86	0.00	0.86
22.45	1.43	0.00	1.43	25.05	0.85	0.00	0.85
22.50	1.42	0.00	1.42	25.10	0.83	0.00	0.83
22.55	1.42	0.00	1.42	25.15	0.82	0.00	0.82
22.60	1.41	0.00	1.41	25.20	0.81	0.00	0.81
22.65	1.41	0.00	1.41	25.25	0.80	0.00	0.80
22.70	1.40	0.00	1.40	25.30	0.79	0.00	0.79
22.75	1.39	0.00	1.39	25.35	0.78	0.00	0.78
22.80	1.39	0.00	1.39	25.40	0.77	0.00	0.77
22.85	1.38	0.00	1.38	25.45	0.76	0.00	0.76
22.90	1.38	0.00	1.38	25.50	0.75	0.00	0.75
22.95	1.37	0.00	1.37	25.55	0.74	0.00	0.74
23.00	1.37	0.00	1.37	25.60	0.74	0.00	0.74
23.05	1.36	0.00	1.36	25.65	0.73	0.00	0.73
23.10	1.36	0.00	1.36	25.70	0.72	0.00	0.72
23.15	1.35	0.00	1.35	25.75	0.71	0.00	0.71
23.20	1.34	0.00	1.34	25.80	0.71	0.00	0.71
23.25	1.34	0.00	1.34	25.85	0.70	0.00	0.70
23.30	1.33	0.00	1.33	25.90	0.69	0.00	0.69
23.35	1.33	0.00	1.33	25.95	0.69	0.00	0.69

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.68	0.00	0.68	28.60	0.44	0.00	0.44
26.05	0.67	0.00	0.67	28.65	0.44	0.00	0.44
26.10	0.67	0.00	0.67	28.70	0.43	0.00	0.43
26.15	0.66	0.00	0.66	28.75	0.43	0.00	0.43
26.20	0.65	0.00	0.65	28.80	0.43	0.00	0.43
26.25	0.65	0.00	0.65	28.85	0.42	0.00	0.42
26.30	0.64	0.00	0.64	28.90	0.42	0.00	0.42
26.35	0.64	0.00	0.64	28.95	0.42	0.00	0.42
26.40	0.63	0.00	0.63	29.00	0.41	0.00	0.41
26.45	0.63	0.00	0.63	29.05	0.41	0.00	0.41
26.50	0.62	0.00	0.62	29.10	0.41	0.00	0.41
26.55	0.61	0.00	0.61	29.15	0.41	0.00	0.41
26.60	0.61	0.00	0.61	29.20	0.40	0.00	0.40
26.65	0.60	0.00	0.60	29.25	0.40	0.00	0.40
26.70	0.60	0.00	0.60	29.30	0.40	0.00	0.40
26.75	0.59	0.00	0.59	29.35	0.39	0.00	0.39
26.80	0.59	0.00	0.59	29.40	0.39	0.00	0.39
26.85	0.58	0.00	0.58	29.45	0.39	0.00	0.39
26.90	0.58	0.00	0.58	29.50	0.38	0.00	0.38
26.95	0.57	0.00	0.57	29.55	0.38	0.00	0.38
27.00	0.57	0.00	0.57	29.60	0.38	0.00	0.38
27.05	0.56	0.00	0.56	29.65	0.37	0.00	0.37
27.10	0.56	0.00	0.56	29.70	0.37	0.00	0.37
27.15	0.55	0.00	0.55	29.75	0.37	0.00	0.37
27.20	0.55	0.00	0.55	29.80	0.37	0.00	0.37
27.25	0.54	0.00	0.54	29.85	0.36	0.00	0.36
27.30	0.54	0.00	0.54	29.90	0.36	0.00	0.36
27.35	0.54	0.00	0.54	29.95	0.36	0.00	0.36
27.40	0.53	0.00	0.53	30.00	0.35	0.00	0.35
27.45	0.53	0.00	0.53	30.05	0.35	0.00	0.35
27.50	0.52	0.00	0.52	30.10	0.35	0.00	0.35
27.55	0.52	0.00	0.52	30.15	0.35	0.00	0.35
27.60	0.52	0.00	0.52	30.20	0.34	0.00	0.34
27.65	0.51	0.00	0.51	30.25	0.34	0.00	0.34
27.70	0.51	0.00	0.51	30.30	0.34	0.00	0.34
27.75	0.50	0.00	0.50	30.35	0.34	0.00	0.34
27.80	0.50	0.00	0.50	30.40	0.33	0.00	0.33
27.85	0.50	0.00	0.50	30.45	0.33	0.00	0.33
27.90	0.49	0.00	0.49	30.50	0.33	0.00	0.33
27.95	0.49	0.00	0.49	30.55	0.33	0.00	0.33
28.00	0.48	0.00	0.48	30.60	0.32	0.00	0.32
28.05	0.48	0.00	0.48	30.65	0.32	0.00	0.32
28.10	0.48	0.00	0.48	30.70	0.32	0.00	0.32
28.15	0.47	0.00	0.47	30.75	0.32	0.00	0.32
28.20	0.47	0.00	0.47	30.80	0.31	0.00	0.31
28.25	0.47	0.00	0.47	30.85	0.31	0.00	0.31
28.30	0.46	0.00	0.46	30.90	0.31	0.00	0.31
28.35	0.46	0.00	0.46	30.95	0.31	0.00	0.31
28.40	0.46	0.00	0.46	31.00	0.30	0.00	0.30
28.45	0.45	0.00	0.45	31.05	0.30	0.00	0.30
28.50	0.45	0.00	0.45	31.10	0.30	0.00	0.30
28.55	0.45	0.00	0.45	31.15	0.30	0.00	0.30

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.29	0.00	0.29	33.80	0.19	0.00	0.19
31.25	0.29	0.00	0.29	33.85	0.19	0.00	0.19
31.30	0.29	0.00	0.29	33.90	0.19	0.00	0.19
31.35	0.29	0.00	0.29	33.95	0.19	0.00	0.19
31.40	0.28	0.00	0.28	34.00	0.19	0.00	0.19
31.45	0.28	0.00	0.28	34.05	0.18	0.00	0.18
31.50	0.28	0.00	0.28	34.10	0.18	0.00	0.18
31.55	0.28	0.00	0.28	34.15	0.18	0.00	0.18
31.60	0.28	0.00	0.28	34.20	0.18	0.00	0.18
31.65	0.27	0.00	0.27	34.25	0.18	0.00	0.18
31.70	0.27	0.00	0.27	34.30	0.18	0.00	0.18
31.75	0.27	0.00	0.27	34.35	0.17	0.00	0.17
31.80	0.27	0.00	0.27	34.40	0.17	0.00	0.17
31.85	0.26	0.00	0.26	34.45	0.17	0.00	0.17
31.90	0.26	0.00	0.26	34.50	0.17	0.00	0.17
31.95	0.26	0.00	0.26	34.55	0.17	0.00	0.17
32.00	0.26	0.00	0.26	34.60	0.17	0.00	0.17
32.05	0.26	0.00	0.26	34.65	0.16	0.00	0.16
32.10	0.25	0.00	0.25	34.70	0.16	0.00	0.16
32.15	0.25	0.00	0.25	34.75	0.16	0.00	0.16
32.20	0.25	0.00	0.25	34.80	0.16	0.00	0.16
32.25	0.25	0.00	0.25	34.85	0.16	0.00	0.16
32.30	0.25	0.00	0.25	34.90	0.16	0.00	0.16
32.35	0.24	0.00	0.24	34.95	0.16	0.00	0.16
32.40	0.24	0.00	0.24	35.00	0.15	0.00	0.15
32.45	0.24	0.00	0.24	35.05	0.15	0.00	0.15
32.50	0.24	0.00	0.24	35.10	0.15	0.00	0.15
32.55	0.24	0.00	0.24	35.15	0.15	0.00	0.15
32.60	0.23	0.00	0.23	35.20	0.15	0.00	0.15
32.65	0.23	0.00	0.23	35.25	0.15	0.00	0.15
32.70	0.23	0.00	0.23	35.30	0.15	0.00	0.15
32.75	0.23	0.00	0.23	35.35	0.14	0.00	0.14
32.80	0.23	0.00	0.23	35.40	0.14	0.00	0.14
32.85	0.22	0.00	0.22	35.45	0.14	0.00	0.14
32.90	0.22	0.00	0.22	35.50	0.14	0.00	0.14
32.95	0.22	0.00	0.22	35.55	0.14	0.00	0.14
33.00	0.22	0.00	0.22	35.60	0.14	0.00	0.14
33.05	0.22	0.00	0.22	35.65	0.14	0.00	0.14
33.10	0.22	0.00	0.22	35.70	0.14	0.00	0.14
33.15	0.21	0.00	0.21	35.75	0.13	0.00	0.13
33.20	0.21	0.00	0.21	35.80	0.13	0.00	0.13
33.25	0.21	0.00	0.21	35.85	0.13	0.00	0.13
33.30	0.21	0.00	0.21	35.90	0.13	0.00	0.13
33.35	0.21	0.00	0.21	35.95	0.13	0.00	0.13
33.40	0.20	0.00	0.20	36.00	0.13	0.00	0.13
33.45	0.20	0.00	0.20	36.05	0.13	0.00	0.13
33.50	0.20	0.00	0.20	36.10	0.13	0.00	0.13
33.55	0.20	0.00	0.20	36.15	0.12	0.00	0.12
33.60	0.20	0.00	0.20	36.20	0.12	0.00	0.12
33.65	0.20	0.00	0.20	36.25	0.12	0.00	0.12
33.70	0.19	0.00	0.19	36.30	0.12	0.00	0.12
33.75	0.19	0.00	0.19	36.35	0.12	0.00	0.12

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.12	0.00	0.12	39.00	0.07	0.00	0.07
36.45	0.12	0.00	0.12	39.05	0.07	0.00	0.07
36.50	0.12	0.00	0.12	39.10	0.07	0.00	0.07
36.55	0.11	0.00	0.11	39.15	0.07	0.00	0.07
36.60	0.11	0.00	0.11	39.20	0.07	0.00	0.07
36.65	0.11	0.00	0.11	39.25	0.07	0.00	0.07
36.70	0.11	0.00	0.11	39.30	0.07	0.00	0.07
36.75	0.11	0.00	0.11	39.35	0.07	0.00	0.07
36.80	0.11	0.00	0.11	39.40	0.06	0.00	0.06
36.85	0.11	0.00	0.11	39.45	0.06	0.00	0.06
36.90	0.11	0.00	0.11	39.50	0.06	0.00	0.06
36.95	0.10	0.00	0.10	39.55	0.06	0.00	0.06
37.00	0.10	0.00	0.10	39.60	0.06	0.00	0.06
37.05	0.10	0.00	0.10	39.65	0.06	0.00	0.06
37.10	0.10	0.00	0.10	39.70	0.06	0.00	0.06
37.15	0.10	0.00	0.10	39.75	0.06	0.00	0.06
37.20	0.10	0.00	0.10	39.80	0.06	0.00	0.06
37.25	0.10	0.00	0.10	39.85	0.06	0.00	0.06
37.30	0.10	0.00	0.10	39.90	0.06	0.00	0.06
37.35	0.10	0.00	0.10	39.95	0.06	0.00	0.06
37.40	0.10	0.00	0.10	40.00	0.06	0.00	0.06
37.45	0.09	0.00	0.09				
37.50	0.09	0.00	0.09				
37.55	0.09	0.00	0.09				
37.60	0.09	0.00	0.09				
37.65	0.09	0.00	0.09				
37.70	0.09	0.00	0.09				
37.75	0.09	0.00	0.09				
37.80	0.09	0.00	0.09				
37.85	0.09	0.00	0.09				
37.90	0.09	0.00	0.09				
37.95	0.09	0.00	0.09				
38.00	0.08	0.00	0.08				
38.05	0.08	0.00	0.08				
38.10	0.08	0.00	0.08				
38.15	0.08	0.00	0.08				
38.20	0.08	0.00	0.08				
38.25	0.08	0.00	0.08				
38.30	0.08	0.00	0.08				
38.35	0.08	0.00	0.08				
38.40	0.08	0.00	0.08				
38.45	0.08	0.00	0.08				
38.50	0.08	0.00	0.08				
38.55	0.08	0.00	0.08				
38.60	0.08	0.00	0.08				
38.65	0.07	0.00	0.07				
38.70	0.07	0.00	0.07				
38.75	0.07	0.00	0.07				
38.80	0.07	0.00	0.07				
38.85	0.07	0.00	0.07				
38.90	0.07	0.00	0.07				
38.95	0.07	0.00	0.07				

Summary for Subcatchment 29I: PDA-29 (impervious)

Runoff = 1.74 cfs @ 12.17 hrs, Volume= 0.151 af, Depth= 4.83"
 Routed to Pond B-29 : Basin #29

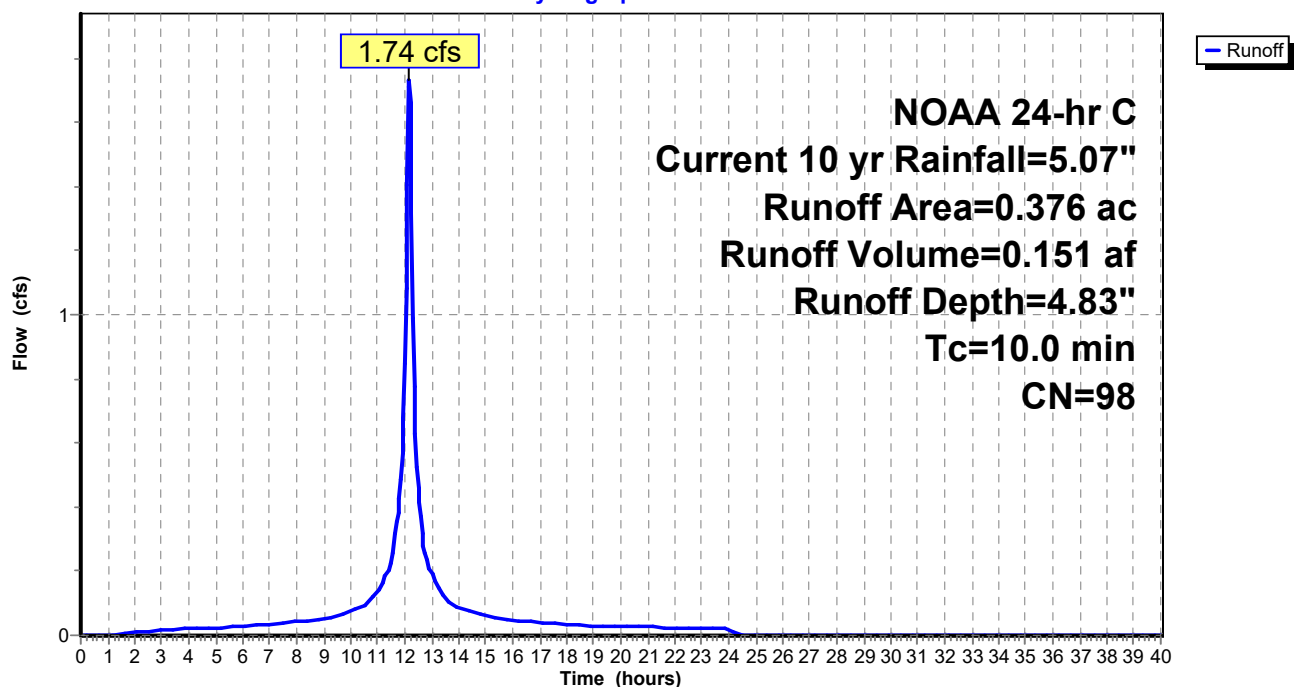
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.342	98	Pavement, HSG C
* 0.034	98	Concrete, HSC C
0.376	98	Weighted Average
0.376		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



Hydrograph for Subcatchment 29I: PDA-29 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.01
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.01
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.01
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.01
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.01
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.01
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.02
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.02
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.02
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.02
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.02
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.02
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.02
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.02
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.02
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.02
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.02
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.02
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.02
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.02
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.02
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.02
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.02
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.02
1.20	0.07	0.00	0.00	3.80	0.23	0.09	0.02
1.25	0.07	0.00	0.00	3.85	0.24	0.10	0.02
1.30	0.07	0.00	0.00	3.90	0.24	0.10	0.02
1.35	0.08	0.01	0.00	3.95	0.24	0.10	0.02
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.02
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.02
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.02
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.02
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.02
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.02
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.02
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.02
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.02
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.02
1.90	0.11	0.02	0.01	4.50	0.28	0.13	0.02
1.95	0.11	0.02	0.01	4.55	0.29	0.14	0.02
2.00	0.11	0.02	0.01	4.60	0.29	0.14	0.02
2.05	0.12	0.02	0.01	4.65	0.30	0.14	0.02
2.10	0.12	0.02	0.01	4.70	0.30	0.14	0.02
2.15	0.12	0.02	0.01	4.75	0.30	0.15	0.02
2.20	0.13	0.03	0.01	4.80	0.31	0.15	0.02
2.25	0.13	0.03	0.01	4.85	0.31	0.15	0.02
2.30	0.13	0.03	0.01	4.90	0.31	0.16	0.02
2.35	0.14	0.03	0.01	4.95	0.32	0.16	0.02
2.40	0.14	0.03	0.01	5.00	0.32	0.16	0.02
2.45	0.14	0.03	0.01	5.05	0.33	0.17	0.02
2.50	0.15	0.04	0.01	5.10	0.33	0.17	0.02
2.55	0.15	0.04	0.01	5.15	0.33	0.17	0.02

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.02	7.80	0.58	0.39	0.04
5.25	0.34	0.18	0.02	7.85	0.59	0.40	0.04
5.30	0.35	0.18	0.02	7.90	0.60	0.41	0.04
5.35	0.35	0.19	0.02	7.95	0.60	0.41	0.04
5.40	0.35	0.19	0.02	8.00	0.61	0.42	0.04
5.45	0.36	0.19	0.02	8.05	0.61	0.42	0.04
5.50	0.36	0.20	0.03	8.10	0.62	0.43	0.04
5.55	0.37	0.20	0.03	8.15	0.63	0.43	0.04
5.60	0.37	0.20	0.03	8.20	0.63	0.44	0.04
5.65	0.37	0.21	0.03	8.25	0.64	0.45	0.04
5.70	0.38	0.21	0.03	8.30	0.65	0.45	0.04
5.75	0.38	0.21	0.03	8.35	0.65	0.46	0.04
5.80	0.39	0.22	0.03	8.40	0.66	0.46	0.05
5.85	0.39	0.22	0.03	8.45	0.66	0.47	0.05
5.90	0.39	0.22	0.03	8.50	0.67	0.48	0.05
5.95	0.40	0.23	0.03	8.55	0.68	0.48	0.05
6.00	0.40	0.23	0.03	8.60	0.68	0.49	0.05
6.05	0.41	0.23	0.03	8.65	0.69	0.50	0.05
6.10	0.41	0.24	0.03	8.70	0.70	0.50	0.05
6.15	0.41	0.24	0.03	8.75	0.71	0.51	0.05
6.20	0.42	0.25	0.03	8.80	0.71	0.51	0.05
6.25	0.42	0.25	0.03	8.85	0.72	0.52	0.05
6.30	0.43	0.25	0.03	8.90	0.73	0.53	0.05
6.35	0.43	0.26	0.03	8.95	0.73	0.53	0.05
6.40	0.44	0.26	0.03	9.00	0.74	0.54	0.05
6.45	0.44	0.27	0.03	9.05	0.75	0.55	0.05
6.50	0.45	0.27	0.03	9.10	0.76	0.56	0.05
6.55	0.45	0.27	0.03	9.15	0.76	0.56	0.05
6.60	0.46	0.28	0.03	9.20	0.77	0.57	0.05
6.65	0.46	0.28	0.03	9.25	0.78	0.58	0.06
6.70	0.46	0.29	0.03	9.30	0.79	0.59	0.06
6.75	0.47	0.29	0.03	9.35	0.80	0.59	0.06
6.80	0.47	0.29	0.03	9.40	0.80	0.60	0.06
6.85	0.48	0.30	0.03	9.45	0.81	0.61	0.06
6.90	0.48	0.30	0.03	9.50	0.82	0.62	0.06
6.95	0.49	0.31	0.03	9.55	0.83	0.63	0.06
7.00	0.49	0.31	0.03	9.60	0.84	0.64	0.07
7.05	0.50	0.32	0.03	9.65	0.85	0.65	0.07
7.10	0.50	0.32	0.03	9.70	0.86	0.66	0.07
7.15	0.51	0.33	0.04	9.75	0.87	0.67	0.07
7.20	0.52	0.33	0.04	9.80	0.88	0.68	0.07
7.25	0.52	0.34	0.04	9.85	0.89	0.69	0.07
7.30	0.53	0.34	0.04	9.90	0.90	0.70	0.07
7.35	0.53	0.35	0.04	9.95	0.91	0.71	0.08
7.40	0.54	0.35	0.04	10.00	0.92	0.72	0.08
7.45	0.54	0.36	0.04	10.05	0.94	0.73	0.08
7.50	0.55	0.36	0.04	10.10	0.95	0.74	0.08
7.55	0.55	0.37	0.04	10.15	0.96	0.75	0.08
7.60	0.56	0.37	0.04	10.20	0.97	0.76	0.08
7.65	0.57	0.38	0.04	10.25	0.98	0.77	0.08
7.70	0.57	0.38	0.04	10.30	0.99	0.79	0.09
7.75	0.58	0.39	0.04	10.35	1.01	0.80	0.09

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.09	13.00	3.85	3.62	0.19
10.45	1.03	0.82	0.09	13.05	3.87	3.64	0.18
10.50	1.04	0.83	0.09	13.10	3.89	3.66	0.17
10.55	1.06	0.85	0.09	13.15	3.91	3.68	0.16
10.60	1.07	0.86	0.10	13.20	3.93	3.70	0.16
10.65	1.09	0.88	0.10	13.25	3.95	3.71	0.15
10.70	1.10	0.89	0.11	13.30	3.97	3.73	0.14
10.75	1.12	0.91	0.11	13.35	3.98	3.75	0.14
10.80	1.14	0.93	0.12	13.40	4.00	3.76	0.13
10.85	1.16	0.94	0.12	13.45	4.01	3.78	0.13
10.90	1.18	0.96	0.13	13.50	4.03	3.79	0.12
10.95	1.20	0.98	0.13	13.55	4.04	3.80	0.11
11.00	1.22	1.00	0.14	13.60	4.05	3.82	0.11
11.05	1.24	1.02	0.14	13.65	4.06	3.83	0.10
11.10	1.26	1.05	0.15	13.70	4.08	3.84	0.10
11.15	1.29	1.07	0.16	13.75	4.09	3.85	0.10
11.20	1.31	1.10	0.17	13.80	4.10	3.86	0.09
11.25	1.34	1.12	0.18	13.85	4.11	3.88	0.09
11.30	1.37	1.15	0.19	13.90	4.12	3.89	0.09
11.35	1.40	1.18	0.20	13.95	4.13	3.90	0.09
11.40	1.43	1.21	0.21	14.00	4.15	3.91	0.09
11.45	1.47	1.25	0.22	14.05	4.16	3.92	0.09
11.50	1.50	1.28	0.23	14.10	4.17	3.93	0.09
11.55	1.55	1.33	0.24	14.15	4.18	3.94	0.08
11.60	1.60	1.38	0.27	14.20	4.19	3.95	0.08
11.65	1.65	1.43	0.32	14.25	4.20	3.96	0.08
11.70	1.71	1.49	0.36	14.30	4.21	3.97	0.08
11.75	1.78	1.56	0.39	14.35	4.22	3.98	0.08
11.80	1.86	1.63	0.43	14.40	4.23	3.99	0.08
11.85	1.96	1.73	0.49	14.45	4.24	4.00	0.08
11.90	2.06	1.84	0.57	14.50	4.25	4.01	0.07
11.95	2.24	2.01	0.68	14.55	4.26	4.02	0.07
12.00	2.42	2.19	0.85	14.60	4.27	4.03	0.07
12.05	2.71	2.48	1.08	14.65	4.27	4.04	0.07
12.10	3.01	2.78	1.41	14.70	4.28	4.05	0.07
12.15	3.11	2.88	1.71	14.75	4.29	4.06	0.07
12.20	3.21	2.98	1.67	14.80	4.30	4.06	0.07
12.25	3.29	3.05	1.32	14.85	4.31	4.07	0.06
12.30	3.36	3.13	0.99	14.90	4.31	4.08	0.06
12.35	3.42	3.18	0.78	14.95	4.32	4.09	0.06
12.40	3.47	3.24	0.63	15.00	4.33	4.09	0.06
12.45	3.52	3.29	0.53	15.05	4.34	4.10	0.06
12.50	3.57	3.34	0.46	15.10	4.34	4.11	0.06
12.55	3.60	3.37	0.42	15.15	4.35	4.12	0.06
12.60	3.64	3.40	0.37	15.20	4.36	4.12	0.05
12.65	3.67	3.43	0.32	15.25	4.36	4.13	0.05
12.70	3.70	3.47	0.28	15.30	4.37	4.14	0.05
12.75	3.73	3.49	0.26	15.35	4.38	4.14	0.05
12.80	3.76	3.52	0.24	15.40	4.39	4.15	0.05
12.85	3.78	3.55	0.23	15.45	4.39	4.16	0.05
12.90	3.81	3.57	0.22	15.50	4.40	4.16	0.05
12.95	3.83	3.60	0.20	15.55	4.41	4.17	0.05

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.05	18.20	4.68	4.45	0.03
15.65	4.42	4.18	0.05	18.25	4.69	4.45	0.03
15.70	4.42	4.19	0.05	18.30	4.69	4.46	0.03
15.75	4.43	4.20	0.05	18.35	4.70	4.46	0.03
15.80	4.44	4.20	0.05	18.40	4.70	4.46	0.03
15.85	4.44	4.21	0.05	18.45	4.70	4.47	0.03
15.90	4.45	4.21	0.05	18.50	4.71	4.47	0.03
15.95	4.46	4.22	0.05	18.55	4.71	4.48	0.03
16.00	4.46	4.23	0.05	18.60	4.72	4.48	0.03
16.05	4.47	4.23	0.05	18.65	4.72	4.48	0.03
16.10	4.47	4.24	0.05	18.70	4.72	4.49	0.03
16.15	4.48	4.24	0.05	18.75	4.73	4.49	0.03
16.20	4.49	4.25	0.05	18.80	4.73	4.50	0.03
16.25	4.49	4.26	0.05	18.85	4.74	4.50	0.03
16.30	4.50	4.26	0.05	18.90	4.74	4.50	0.03
16.35	4.50	4.27	0.05	18.95	4.74	4.51	0.03
16.40	4.51	4.27	0.04	19.00	4.75	4.51	0.03
16.45	4.52	4.28	0.04	19.05	4.75	4.51	0.03
16.50	4.52	4.29	0.04	19.10	4.76	4.52	0.03
16.55	4.53	4.29	0.04	19.15	4.76	4.52	0.03
16.60	4.53	4.30	0.04	19.20	4.76	4.53	0.03
16.65	4.54	4.30	0.04	19.25	4.77	4.53	0.03
16.70	4.54	4.31	0.04	19.30	4.77	4.53	0.03
16.75	4.55	4.31	0.04	19.35	4.77	4.54	0.03
16.80	4.55	4.32	0.04	19.40	4.78	4.54	0.03
16.85	4.56	4.32	0.04	19.45	4.78	4.55	0.03
16.90	4.57	4.33	0.04	19.50	4.79	4.55	0.03
16.95	4.57	4.33	0.04	19.55	4.79	4.55	0.03
17.00	4.58	4.34	0.04	19.60	4.79	4.56	0.03
17.05	4.58	4.34	0.04	19.65	4.80	4.56	0.03
17.10	4.59	4.35	0.04	19.70	4.80	4.56	0.03
17.15	4.59	4.35	0.04	19.75	4.80	4.57	0.03
17.20	4.60	4.36	0.04	19.80	4.81	4.57	0.03
17.25	4.60	4.36	0.04	19.85	4.81	4.57	0.03
17.30	4.61	4.37	0.04	19.90	4.81	4.58	0.03
17.35	4.61	4.37	0.04	19.95	4.82	4.58	0.03
17.40	4.61	4.38	0.04	20.00	4.82	4.59	0.03
17.45	4.62	4.38	0.04	20.05	4.83	4.59	0.03
17.50	4.62	4.39	0.04	20.10	4.83	4.59	0.03
17.55	4.63	4.39	0.04	20.15	4.83	4.60	0.03
17.60	4.63	4.40	0.04	20.20	4.84	4.60	0.03
17.65	4.64	4.40	0.04	20.25	4.84	4.60	0.03
17.70	4.64	4.41	0.03	20.30	4.84	4.61	0.03
17.75	4.65	4.41	0.03	20.35	4.85	4.61	0.03
17.80	4.65	4.42	0.03	20.40	4.85	4.61	0.03
17.85	4.66	4.42	0.03	20.45	4.85	4.62	0.03
17.90	4.66	4.42	0.03	20.50	4.86	4.62	0.03
17.95	4.66	4.43	0.03	20.55	4.86	4.62	0.03
18.00	4.67	4.43	0.03	20.60	4.86	4.63	0.03
18.05	4.67	4.44	0.03	20.65	4.87	4.63	0.03
18.10	4.68	4.44	0.03	20.70	4.87	4.63	0.03
18.15	4.68	4.44	0.03	20.75	4.87	4.64	0.03

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.03	23.40	5.04	4.80	0.02
20.85	4.88	4.64	0.03	23.45	5.04	4.80	0.02
20.90	4.88	4.65	0.03	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.03	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.03	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.03	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.03	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.03	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.03	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.03	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.03	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.02	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.02	24.00	5.07	4.83	0.02
21.45	4.92	4.68	0.02	24.05	5.07	4.83	0.02
21.50	4.92	4.69	0.02	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.02	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.02	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.02	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.02	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.02	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.02	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.02	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.02	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.02	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.02	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.02	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.02	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.02	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.02	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.02	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.02	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.02	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.02	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.02	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.02	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.02	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.02	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.02	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.02	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.02	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.02	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.02	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.02	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.02	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.02	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.02	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.02	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.02	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.02	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.02	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.02	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.02	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 29P: PDA-29 (pervious)

Runoff = 1.87 cfs @ 12.18 hrs, Volume= 0.141 af, Depth= 2.42"
 Routed to Pond B-29 : Basin #29

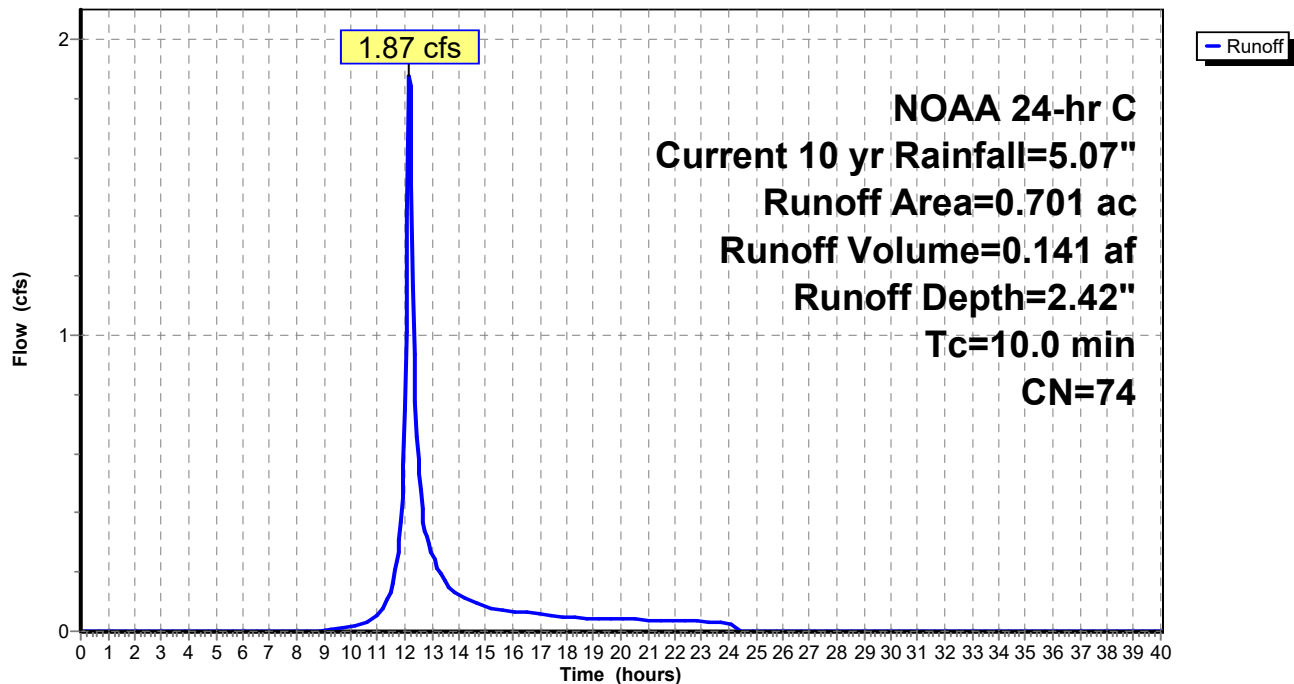
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



Hydrograph for Subcatchment 29P: PDA-29 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.01
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.01
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.02
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.02

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.02	13.00	3.85	1.49	0.26
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.25
10.50	1.04	0.03	0.03	13.10	3.89	1.52	0.23
10.55	1.06	0.03	0.03	13.15	3.91	1.53	0.22
10.60	1.07	0.04	0.03	13.20	3.93	1.55	0.21
10.65	1.09	0.04	0.03	13.25	3.95	1.56	0.20
10.70	1.10	0.04	0.04	13.30	3.97	1.57	0.19
10.75	1.12	0.04	0.04	13.35	3.98	1.58	0.19
10.80	1.14	0.05	0.04	13.40	4.00	1.59	0.18
10.85	1.16	0.05	0.05	13.45	4.01	1.60	0.17
10.90	1.18	0.06	0.05	13.50	4.03	1.61	0.16
10.95	1.20	0.06	0.05	13.55	4.04	1.62	0.16
11.00	1.22	0.07	0.06	13.60	4.05	1.63	0.15
11.05	1.24	0.07	0.06	13.65	4.06	1.64	0.14
11.10	1.26	0.08	0.07	13.70	4.08	1.65	0.14
11.15	1.29	0.08	0.07	13.75	4.09	1.66	0.13
11.20	1.31	0.09	0.08	13.80	4.10	1.67	0.13
11.25	1.34	0.10	0.09	13.85	4.11	1.68	0.13
11.30	1.37	0.11	0.10	13.90	4.12	1.69	0.13
11.35	1.40	0.12	0.10	13.95	4.13	1.70	0.12
11.40	1.43	0.13	0.11	14.00	4.15	1.70	0.12
11.45	1.47	0.14	0.12	14.05	4.16	1.71	0.12
11.50	1.50	0.15	0.13	14.10	4.17	1.72	0.12
11.55	1.55	0.16	0.14	14.15	4.18	1.73	0.12
11.60	1.60	0.18	0.17	14.20	4.19	1.74	0.12
11.65	1.65	0.20	0.21	14.25	4.20	1.74	0.11
11.70	1.71	0.22	0.24	14.30	4.21	1.75	0.11
11.75	1.78	0.25	0.27	14.35	4.22	1.76	0.11
11.80	1.86	0.29	0.31	14.40	4.23	1.77	0.11
11.85	1.96	0.33	0.37	14.45	4.24	1.77	0.11
11.90	2.06	0.38	0.45	14.50	4.25	1.78	0.10
11.95	2.24	0.47	0.56	14.55	4.26	1.79	0.10
12.00	2.42	0.56	0.75	14.60	4.27	1.79	0.10
12.05	2.71	0.73	1.01	14.65	4.27	1.80	0.10
12.10	3.01	0.91	1.40	14.70	4.28	1.81	0.10
12.15	3.11	0.98	1.82	14.75	4.29	1.81	0.09
12.20	3.21	1.05	1.84	14.80	4.30	1.82	0.09
12.25	3.29	1.10	1.51	14.85	4.31	1.82	0.09
12.30	3.36	1.15	1.17	14.90	4.31	1.83	0.09
12.35	3.42	1.18	0.94	14.95	4.32	1.84	0.09
12.40	3.47	1.22	0.77	15.00	4.33	1.84	0.08
12.45	3.52	1.25	0.66	15.05	4.34	1.85	0.08
12.50	3.57	1.29	0.58	15.10	4.34	1.85	0.08
12.55	3.60	1.31	0.53	15.15	4.35	1.86	0.08
12.60	3.64	1.34	0.48	15.20	4.36	1.86	0.08
12.65	3.67	1.36	0.41	15.25	4.36	1.87	0.08
12.70	3.70	1.38	0.36	15.30	4.37	1.87	0.08
12.75	3.73	1.40	0.34	15.35	4.38	1.88	0.07
12.80	3.76	1.42	0.32	15.40	4.39	1.88	0.07
12.85	3.78	1.44	0.30	15.45	4.39	1.89	0.07
12.90	3.81	1.46	0.29	15.50	4.40	1.89	0.07
12.95	3.83	1.47	0.27	15.55	4.41	1.90	0.07

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.07	18.20	4.68	2.12	0.05
15.65	4.42	1.91	0.07	18.25	4.69	2.12	0.04
15.70	4.42	1.91	0.07	18.30	4.69	2.12	0.04
15.75	4.43	1.92	0.07	18.35	4.70	2.12	0.04
15.80	4.44	1.92	0.07	18.40	4.70	2.13	0.04
15.85	4.44	1.93	0.07	18.45	4.70	2.13	0.04
15.90	4.45	1.93	0.07	18.50	4.71	2.13	0.04
15.95	4.46	1.94	0.07	18.55	4.71	2.14	0.04
16.00	4.46	1.94	0.07	18.60	4.72	2.14	0.04
16.05	4.47	1.95	0.07	18.65	4.72	2.14	0.04
16.10	4.47	1.95	0.07	18.70	4.72	2.15	0.04
16.15	4.48	1.96	0.07	18.75	4.73	2.15	0.04
16.20	4.49	1.96	0.07	18.80	4.73	2.15	0.04
16.25	4.49	1.97	0.07	18.85	4.74	2.16	0.04
16.30	4.50	1.97	0.07	18.90	4.74	2.16	0.04
16.35	4.50	1.98	0.06	18.95	4.74	2.16	0.04
16.40	4.51	1.98	0.06	19.00	4.75	2.16	0.04
16.45	4.52	1.98	0.06	19.05	4.75	2.17	0.04
16.50	4.52	1.99	0.06	19.10	4.76	2.17	0.04
16.55	4.53	1.99	0.06	19.15	4.76	2.17	0.04
16.60	4.53	2.00	0.06	19.20	4.76	2.18	0.04
16.65	4.54	2.00	0.06	19.25	4.77	2.18	0.04
16.70	4.54	2.01	0.06	19.30	4.77	2.18	0.04
16.75	4.55	2.01	0.06	19.35	4.77	2.19	0.04
16.80	4.55	2.01	0.06	19.40	4.78	2.19	0.04
16.85	4.56	2.02	0.06	19.45	4.78	2.19	0.04
16.90	4.57	2.02	0.06	19.50	4.79	2.19	0.04
16.95	4.57	2.03	0.06	19.55	4.79	2.20	0.04
17.00	4.58	2.03	0.06	19.60	4.79	2.20	0.04
17.05	4.58	2.03	0.06	19.65	4.80	2.20	0.04
17.10	4.59	2.04	0.06	19.70	4.80	2.21	0.04
17.15	4.59	2.04	0.06	19.75	4.80	2.21	0.04
17.20	4.60	2.05	0.06	19.80	4.81	2.21	0.04
17.25	4.60	2.05	0.06	19.85	4.81	2.21	0.04
17.30	4.61	2.05	0.05	19.90	4.81	2.22	0.04
17.35	4.61	2.06	0.05	19.95	4.82	2.22	0.04
17.40	4.61	2.06	0.05	20.00	4.82	2.22	0.04
17.45	4.62	2.06	0.05	20.05	4.83	2.23	0.04
17.50	4.62	2.07	0.05	20.10	4.83	2.23	0.04
17.55	4.63	2.07	0.05	20.15	4.83	2.23	0.04
17.60	4.63	2.08	0.05	20.20	4.84	2.23	0.04
17.65	4.64	2.08	0.05	20.25	4.84	2.24	0.04
17.70	4.64	2.08	0.05	20.30	4.84	2.24	0.04
17.75	4.65	2.09	0.05	20.35	4.85	2.24	0.04
17.80	4.65	2.09	0.05	20.40	4.85	2.25	0.04
17.85	4.66	2.09	0.05	20.45	4.85	2.25	0.04
17.90	4.66	2.10	0.05	20.50	4.86	2.25	0.04
17.95	4.66	2.10	0.05	20.55	4.86	2.25	0.04
18.00	4.67	2.10	0.05	20.60	4.86	2.26	0.04
18.05	4.67	2.11	0.05	20.65	4.87	2.26	0.04
18.10	4.68	2.11	0.05	20.70	4.87	2.26	0.04
18.15	4.68	2.11	0.05	20.75	4.87	2.26	0.04

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.04	23.40	5.04	2.39	0.03
20.85	4.88	2.27	0.04	23.45	5.04	2.40	0.03
20.90	4.88	2.27	0.04	23.50	5.04	2.40	0.03
20.95	4.89	2.28	0.04	23.55	5.04	2.40	0.03
21.00	4.89	2.28	0.04	23.60	5.05	2.40	0.03
21.05	4.89	2.28	0.04	23.65	5.05	2.40	0.03
21.10	4.90	2.28	0.04	23.70	5.05	2.41	0.03
21.15	4.90	2.29	0.04	23.75	5.06	2.41	0.03
21.20	4.90	2.29	0.04	23.80	5.06	2.41	0.03
21.25	4.91	2.29	0.04	23.85	5.06	2.41	0.03
21.30	4.91	2.29	0.04	23.90	5.06	2.42	0.03
21.35	4.91	2.30	0.04	23.95	5.07	2.42	0.03
21.40	4.92	2.30	0.04	24.00	5.07	2.42	0.03
21.45	4.92	2.30	0.04	24.05	5.07	2.42	0.03
21.50	4.92	2.30	0.04	24.10	5.07	2.42	0.03
21.55	4.93	2.31	0.04	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.04	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.04	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.04	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.04	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.04	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.04	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.04	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.04	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.04	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.03	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.03	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.03	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.03	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.03	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.03	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.03	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.03	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.03	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.03	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.03	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.03	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.03	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.03	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.03	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.03	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.03	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.03	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.03	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.03	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.03	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.03	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.03	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.03	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.03	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.03	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.03	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 2.97 cfs @ 12.17 hrs, Volume= 0.259 af, Depth= 4.83"
 Routed to Pond B-30 : Basin #30

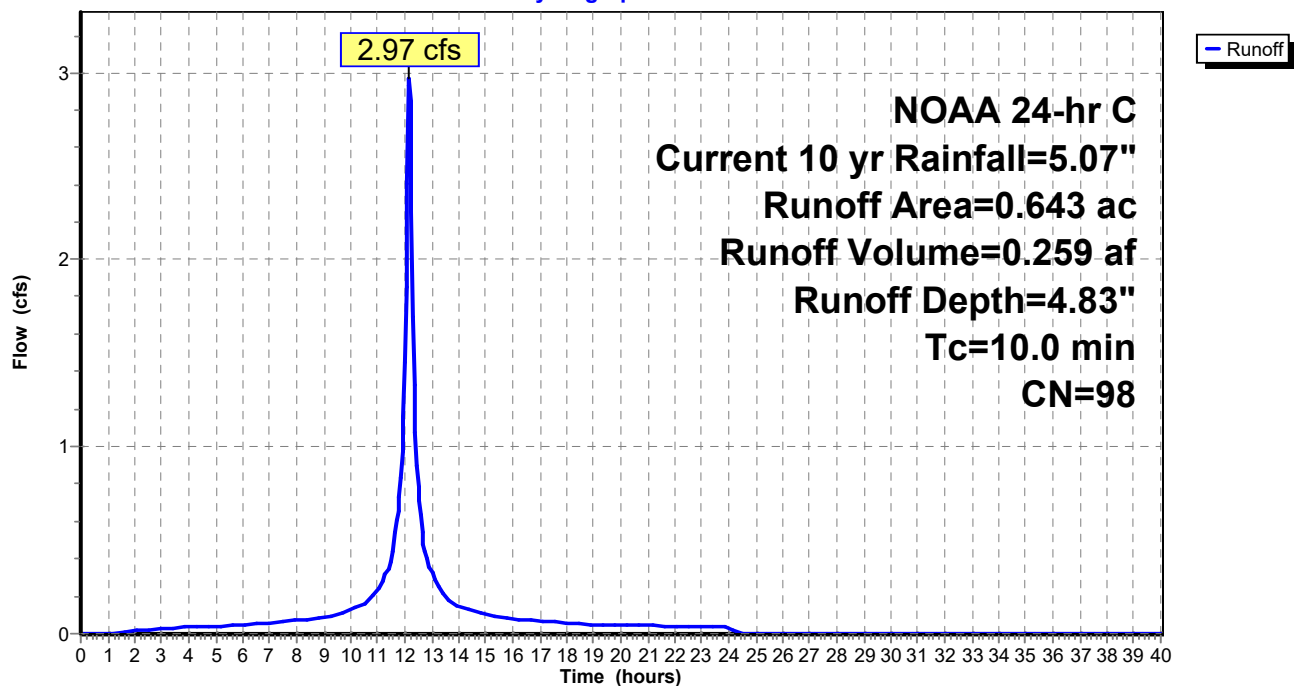
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.02
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.02
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.02
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.02
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.02
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.03
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.03
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.03
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.03
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.03
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.03
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.03
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.03
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.03
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.03
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.03
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.03
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.03
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.03
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.03
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.04
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.04
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.04
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.04
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.04
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.04
2.40	0.14	0.03	0.02	5.00	0.32	0.16	0.04
2.45	0.14	0.03	0.02	5.05	0.33	0.17	0.04
2.50	0.15	0.04	0.02	5.10	0.33	0.17	0.04
2.55	0.15	0.04	0.02	5.15	0.33	0.17	0.04

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.04	7.80	0.58	0.39	0.07
5.25	0.34	0.18	0.04	7.85	0.59	0.40	0.07
5.30	0.35	0.18	0.04	7.90	0.60	0.41	0.07
5.35	0.35	0.19	0.04	7.95	0.60	0.41	0.07
5.40	0.35	0.19	0.04	8.00	0.61	0.42	0.07
5.45	0.36	0.19	0.04	8.05	0.61	0.42	0.07
5.50	0.36	0.20	0.04	8.10	0.62	0.43	0.07
5.55	0.37	0.20	0.04	8.15	0.63	0.43	0.07
5.60	0.37	0.20	0.04	8.20	0.63	0.44	0.07
5.65	0.37	0.21	0.04	8.25	0.64	0.45	0.08
5.70	0.38	0.21	0.04	8.30	0.65	0.45	0.08
5.75	0.38	0.21	0.04	8.35	0.65	0.46	0.08
5.80	0.39	0.22	0.04	8.40	0.66	0.46	0.08
5.85	0.39	0.22	0.04	8.45	0.66	0.47	0.08
5.90	0.39	0.22	0.04	8.50	0.67	0.48	0.08
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.08
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.08
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.08
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.08
6.15	0.41	0.24	0.05	8.75	0.71	0.51	0.08
6.20	0.42	0.25	0.05	8.80	0.71	0.51	0.08
6.25	0.42	0.25	0.05	8.85	0.72	0.52	0.08
6.30	0.43	0.25	0.05	8.90	0.73	0.53	0.08
6.35	0.43	0.26	0.05	8.95	0.73	0.53	0.09
6.40	0.44	0.26	0.05	9.00	0.74	0.54	0.09
6.45	0.44	0.27	0.05	9.05	0.75	0.55	0.09
6.50	0.45	0.27	0.05	9.10	0.76	0.56	0.09
6.55	0.45	0.27	0.05	9.15	0.76	0.56	0.09
6.60	0.46	0.28	0.05	9.20	0.77	0.57	0.09
6.65	0.46	0.28	0.05	9.25	0.78	0.58	0.09
6.70	0.46	0.29	0.05	9.30	0.79	0.59	0.10
6.75	0.47	0.29	0.05	9.35	0.80	0.59	0.10
6.80	0.47	0.29	0.06	9.40	0.80	0.60	0.10
6.85	0.48	0.30	0.06	9.45	0.81	0.61	0.10
6.90	0.48	0.30	0.06	9.50	0.82	0.62	0.11
6.95	0.49	0.31	0.06	9.55	0.83	0.63	0.11
7.00	0.49	0.31	0.06	9.60	0.84	0.64	0.11
7.05	0.50	0.32	0.06	9.65	0.85	0.65	0.11
7.10	0.50	0.32	0.06	9.70	0.86	0.66	0.12
7.15	0.51	0.33	0.06	9.75	0.87	0.67	0.12
7.20	0.52	0.33	0.06	9.80	0.88	0.68	0.12
7.25	0.52	0.34	0.06	9.85	0.89	0.69	0.12
7.30	0.53	0.34	0.06	9.90	0.90	0.70	0.13
7.35	0.53	0.35	0.06	9.95	0.91	0.71	0.13
7.40	0.54	0.35	0.06	10.00	0.92	0.72	0.13
7.45	0.54	0.36	0.06	10.05	0.94	0.73	0.13
7.50	0.55	0.36	0.07	10.10	0.95	0.74	0.14
7.55	0.55	0.37	0.07	10.15	0.96	0.75	0.14
7.60	0.56	0.37	0.07	10.20	0.97	0.76	0.14
7.65	0.57	0.38	0.07	10.25	0.98	0.77	0.14
7.70	0.57	0.38	0.07	10.30	0.99	0.79	0.15
7.75	0.58	0.39	0.07	10.35	1.01	0.80	0.15

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.15	13.00	3.85	3.62	0.33
10.45	1.03	0.82	0.15	13.05	3.87	3.64	0.31
10.50	1.04	0.83	0.16	13.10	3.89	3.66	0.30
10.55	1.06	0.85	0.16	13.15	3.91	3.68	0.28
10.60	1.07	0.86	0.16	13.20	3.93	3.70	0.27
10.65	1.09	0.88	0.17	13.25	3.95	3.71	0.25
10.70	1.10	0.89	0.18	13.30	3.97	3.73	0.24
10.75	1.12	0.91	0.19	13.35	3.98	3.75	0.23
10.80	1.14	0.93	0.20	13.40	4.00	3.76	0.22
10.85	1.16	0.94	0.21	13.45	4.01	3.78	0.21
10.90	1.18	0.96	0.22	13.50	4.03	3.79	0.20
10.95	1.20	0.98	0.23	13.55	4.04	3.80	0.19
11.00	1.22	1.00	0.24	13.60	4.05	3.82	0.19
11.05	1.24	1.02	0.24	13.65	4.06	3.83	0.18
11.10	1.26	1.05	0.26	13.70	4.08	3.84	0.17
11.15	1.29	1.07	0.27	13.75	4.09	3.85	0.17
11.20	1.31	1.10	0.29	13.80	4.10	3.86	0.16
11.25	1.34	1.12	0.31	13.85	4.11	3.88	0.16
11.30	1.37	1.15	0.32	13.90	4.12	3.89	0.16
11.35	1.40	1.18	0.34	13.95	4.13	3.90	0.15
11.40	1.43	1.21	0.36	14.00	4.15	3.91	0.15
11.45	1.47	1.25	0.38	14.05	4.16	3.92	0.15
11.50	1.50	1.28	0.39	14.10	4.17	3.93	0.15
11.55	1.55	1.33	0.41	14.15	4.18	3.94	0.14
11.60	1.60	1.38	0.47	14.20	4.19	3.95	0.14
11.65	1.65	1.43	0.55	14.25	4.20	3.96	0.14
11.70	1.71	1.49	0.61	14.30	4.21	3.97	0.14
11.75	1.78	1.56	0.66	14.35	4.22	3.98	0.13
11.80	1.86	1.63	0.73	14.40	4.23	3.99	0.13
11.85	1.96	1.73	0.83	14.45	4.24	4.00	0.13
11.90	2.06	1.84	0.97	14.50	4.25	4.01	0.13
11.95	2.24	2.01	1.16	14.55	4.26	4.02	0.12
12.00	2.42	2.19	1.45	14.60	4.27	4.03	0.12
12.05	2.71	2.48	1.85	14.65	4.27	4.04	0.12
12.10	3.01	2.78	2.41	14.70	4.28	4.05	0.12
12.15	3.11	2.88	2.93	14.75	4.29	4.06	0.11
12.20	3.21	2.98	2.85	14.80	4.30	4.06	0.11
12.25	3.29	3.05	2.26	14.85	4.31	4.07	0.11
12.30	3.36	3.13	1.70	14.90	4.31	4.08	0.11
12.35	3.42	3.18	1.33	14.95	4.32	4.09	0.10
12.40	3.47	3.24	1.08	15.00	4.33	4.09	0.10
12.45	3.52	3.29	0.90	15.05	4.34	4.10	0.10
12.50	3.57	3.34	0.79	15.10	4.34	4.11	0.10
12.55	3.60	3.37	0.72	15.15	4.35	4.12	0.09
12.60	3.64	3.40	0.63	15.20	4.36	4.12	0.09
12.65	3.67	3.43	0.54	15.25	4.36	4.13	0.09
12.70	3.70	3.47	0.48	15.30	4.37	4.14	0.09
12.75	3.73	3.49	0.44	15.35	4.38	4.14	0.09
12.80	3.76	3.52	0.41	15.40	4.39	4.15	0.09
12.85	3.78	3.55	0.39	15.45	4.39	4.16	0.09
12.90	3.81	3.57	0.37	15.50	4.40	4.16	0.09
12.95	3.83	3.60	0.35	15.55	4.41	4.17	0.09

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.09	18.20	4.68	4.45	0.05
15.65	4.42	4.18	0.09	18.25	4.69	4.45	0.05
15.70	4.42	4.19	0.09	18.30	4.69	4.46	0.05
15.75	4.43	4.20	0.08	18.35	4.70	4.46	0.05
15.80	4.44	4.20	0.08	18.40	4.70	4.46	0.05
15.85	4.44	4.21	0.08	18.45	4.70	4.47	0.05
15.90	4.45	4.21	0.08	18.50	4.71	4.47	0.05
15.95	4.46	4.22	0.08	18.55	4.71	4.48	0.05
16.00	4.46	4.23	0.08	18.60	4.72	4.48	0.05
16.05	4.47	4.23	0.08	18.65	4.72	4.48	0.05
16.10	4.47	4.24	0.08	18.70	4.72	4.49	0.05
16.15	4.48	4.24	0.08	18.75	4.73	4.49	0.05
16.20	4.49	4.25	0.08	18.80	4.73	4.50	0.05
16.25	4.49	4.26	0.08	18.85	4.74	4.50	0.05
16.30	4.50	4.26	0.08	18.90	4.74	4.50	0.05
16.35	4.50	4.27	0.08	18.95	4.74	4.51	0.05
16.40	4.51	4.27	0.08	19.00	4.75	4.51	0.05
16.45	4.52	4.28	0.08	19.05	4.75	4.51	0.05
16.50	4.52	4.29	0.08	19.10	4.76	4.52	0.05
16.55	4.53	4.29	0.07	19.15	4.76	4.52	0.05
16.60	4.53	4.30	0.07	19.20	4.76	4.53	0.05
16.65	4.54	4.30	0.07	19.25	4.77	4.53	0.05
16.70	4.54	4.31	0.07	19.30	4.77	4.53	0.05
16.75	4.55	4.31	0.07	19.35	4.77	4.54	0.05
16.80	4.55	4.32	0.07	19.40	4.78	4.54	0.05
16.85	4.56	4.32	0.07	19.45	4.78	4.55	0.05
16.90	4.57	4.33	0.07	19.50	4.79	4.55	0.05
16.95	4.57	4.33	0.07	19.55	4.79	4.55	0.05
17.00	4.58	4.34	0.07	19.60	4.79	4.56	0.05
17.05	4.58	4.34	0.07	19.65	4.80	4.56	0.05
17.10	4.59	4.35	0.07	19.70	4.80	4.56	0.05
17.15	4.59	4.35	0.07	19.75	4.80	4.57	0.05
17.20	4.60	4.36	0.07	19.80	4.81	4.57	0.05
17.25	4.60	4.36	0.07	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.06	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.06	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.06	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.06	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.06	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.06	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.06	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.06	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.06	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.06	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.06	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.06	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.06	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.05	20.65	4.87	4.63	0.04
18.10	4.68	4.44	0.05	20.70	4.87	4.63	0.04
18.15	4.68	4.44	0.05	20.75	4.87	4.64	0.04

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.04	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.04	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.04	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.04	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.04	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.04	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.04	23.70	5.05	4.82	0.03
21.15	4.90	4.66	0.04	23.75	5.06	4.82	0.03
21.20	4.90	4.67	0.04	23.80	5.06	4.82	0.03
21.25	4.91	4.67	0.04	23.85	5.06	4.82	0.03
21.30	4.91	4.67	0.04	23.90	5.06	4.83	0.03
21.35	4.91	4.68	0.04	23.95	5.07	4.83	0.03
21.40	4.92	4.68	0.04	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.04	24.05	5.07	4.83	0.04
21.50	4.92	4.69	0.04	24.10	5.07	4.83	0.03
21.55	4.93	4.69	0.04	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.04	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.04	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.04	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.04	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.04	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.04	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.04	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.04	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.04	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.04	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.04	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.04	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.04	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.04	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.04	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.04	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 4.65 cfs @ 12.18 hrs, Volume= 0.351 af, Depth= 2.42"
 Routed to Pond B-30 : Basin #30

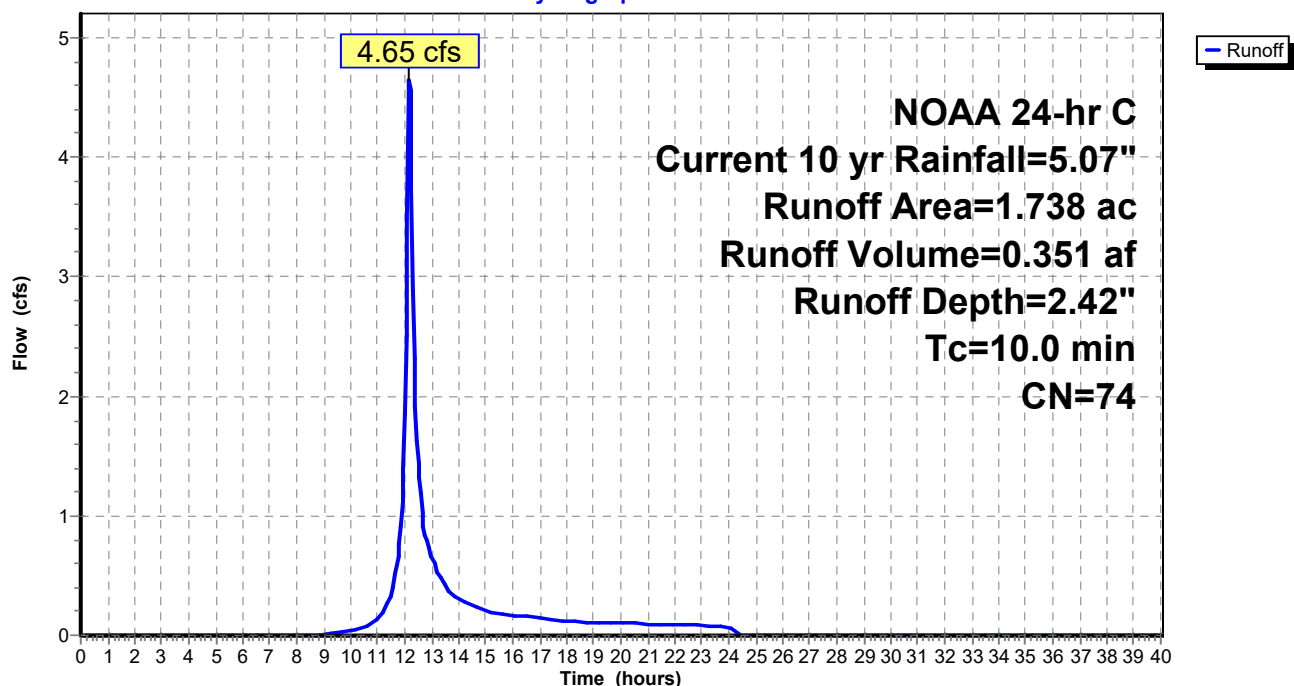
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.02
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.04
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.05
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.06

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.64
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.61
10.50	1.04	0.03	0.07	13.10	3.89	1.52	0.58
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.55
10.60	1.07	0.04	0.08	13.20	3.93	1.55	0.52
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.50
10.70	1.10	0.04	0.09	13.30	3.97	1.57	0.48
10.75	1.12	0.04	0.10	13.35	3.98	1.58	0.46
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.44
10.85	1.16	0.05	0.11	13.45	4.01	1.60	0.42
10.90	1.18	0.06	0.12	13.50	4.03	1.61	0.41
10.95	1.20	0.06	0.13	13.55	4.04	1.62	0.39
11.00	1.22	0.07	0.14	13.60	4.05	1.63	0.37
11.05	1.24	0.07	0.15	13.65	4.06	1.64	0.35
11.10	1.26	0.08	0.17	13.70	4.08	1.65	0.34
11.15	1.29	0.08	0.18	13.75	4.09	1.66	0.33
11.20	1.31	0.09	0.20	13.80	4.10	1.67	0.32
11.25	1.34	0.10	0.22	13.85	4.11	1.68	0.32
11.30	1.37	0.11	0.24	13.90	4.12	1.69	0.31
11.35	1.40	0.12	0.26	13.95	4.13	1.70	0.31
11.40	1.43	0.13	0.28	14.00	4.15	1.70	0.30
11.45	1.47	0.14	0.30	14.05	4.16	1.71	0.30
11.50	1.50	0.15	0.33	14.10	4.17	1.72	0.29
11.55	1.55	0.16	0.36	14.15	4.18	1.73	0.29
11.60	1.60	0.18	0.42	14.20	4.19	1.74	0.29
11.65	1.65	0.20	0.51	14.25	4.20	1.74	0.28
11.70	1.71	0.22	0.59	14.30	4.21	1.75	0.28
11.75	1.78	0.25	0.66	14.35	4.22	1.76	0.27
11.80	1.86	0.29	0.77	14.40	4.23	1.77	0.27
11.85	1.96	0.33	0.92	14.45	4.24	1.77	0.26
11.90	2.06	0.38	1.12	14.50	4.25	1.78	0.26
11.95	2.24	0.47	1.40	14.55	4.26	1.79	0.25
12.00	2.42	0.56	1.85	14.60	4.27	1.79	0.25
12.05	2.71	0.73	2.51	14.65	4.27	1.80	0.24
12.10	3.01	0.91	3.48	14.70	4.28	1.81	0.24
12.15	3.11	0.98	4.50	14.75	4.29	1.81	0.23
12.20	3.21	1.05	4.56	14.80	4.30	1.82	0.23
12.25	3.29	1.10	3.73	14.85	4.31	1.82	0.22
12.30	3.36	1.15	2.89	14.90	4.31	1.83	0.22
12.35	3.42	1.18	2.32	14.95	4.32	1.84	0.21
12.40	3.47	1.22	1.92	15.00	4.33	1.84	0.21
12.45	3.52	1.25	1.63	15.05	4.34	1.85	0.20
12.50	3.57	1.29	1.44	15.10	4.34	1.85	0.20
12.55	3.60	1.31	1.33	15.15	4.35	1.86	0.19
12.60	3.64	1.34	1.19	15.20	4.36	1.86	0.19
12.65	3.67	1.36	1.02	15.25	4.36	1.87	0.19
12.70	3.70	1.38	0.90	15.30	4.37	1.87	0.19
12.75	3.73	1.40	0.83	15.35	4.38	1.88	0.19
12.80	3.76	1.42	0.78	15.40	4.39	1.88	0.18
12.85	3.78	1.44	0.75	15.45	4.39	1.89	0.18
12.90	3.81	1.46	0.71	15.50	4.40	1.89	0.18
12.95	3.83	1.47	0.68	15.55	4.41	1.90	0.18

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.18	18.20	4.68	2.12	0.11
15.65	4.42	1.91	0.18	18.25	4.69	2.12	0.11
15.70	4.42	1.91	0.18	18.30	4.69	2.12	0.11
15.75	4.43	1.92	0.18	18.35	4.70	2.12	0.11
15.80	4.44	1.92	0.17	18.40	4.70	2.13	0.11
15.85	4.44	1.93	0.17	18.45	4.70	2.13	0.11
15.90	4.45	1.93	0.17	18.50	4.71	2.13	0.11
15.95	4.46	1.94	0.17	18.55	4.71	2.14	0.11
16.00	4.46	1.94	0.17	18.60	4.72	2.14	0.11
16.05	4.47	1.95	0.17	18.65	4.72	2.14	0.11
16.10	4.47	1.95	0.17	18.70	4.72	2.15	0.11
16.15	4.48	1.96	0.17	18.75	4.73	2.15	0.11
16.20	4.49	1.96	0.16	18.80	4.73	2.15	0.11
16.25	4.49	1.97	0.16	18.85	4.74	2.16	0.11
16.30	4.50	1.97	0.16	18.90	4.74	2.16	0.11
16.35	4.50	1.98	0.16	18.95	4.74	2.16	0.11
16.40	4.51	1.98	0.16	19.00	4.75	2.16	0.11
16.45	4.52	1.98	0.16	19.05	4.75	2.17	0.11
16.50	4.52	1.99	0.16	19.10	4.76	2.17	0.11
16.55	4.53	1.99	0.15	19.15	4.76	2.17	0.11
16.60	4.53	2.00	0.15	19.20	4.76	2.18	0.11
16.65	4.54	2.00	0.15	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.15	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.15	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.15	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.15	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.15	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.14	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.14	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.14	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.14	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.14	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.14	19.85	4.81	2.21	0.10
17.30	4.61	2.05	0.14	19.90	4.81	2.22	0.10
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.10
17.40	4.61	2.06	0.13	20.00	4.82	2.22	0.10
17.45	4.62	2.06	0.13	20.05	4.83	2.23	0.10
17.50	4.62	2.07	0.13	20.10	4.83	2.23	0.10
17.55	4.63	2.07	0.13	20.15	4.83	2.23	0.10
17.60	4.63	2.08	0.13	20.20	4.84	2.23	0.10
17.65	4.64	2.08	0.13	20.25	4.84	2.24	0.10
17.70	4.64	2.08	0.13	20.30	4.84	2.24	0.10
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.10
17.80	4.65	2.09	0.12	20.40	4.85	2.25	0.10
17.85	4.66	2.09	0.12	20.45	4.85	2.25	0.10
17.90	4.66	2.10	0.12	20.50	4.86	2.25	0.10
17.95	4.66	2.10	0.12	20.55	4.86	2.25	0.10
18.00	4.67	2.10	0.12	20.60	4.86	2.26	0.10
18.05	4.67	2.11	0.12	20.65	4.87	2.26	0.10
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.10
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.10

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.08
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.08
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.08
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.08
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.08
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.08
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.08
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.08
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.08
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.08
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.08
21.50	4.92	2.30	0.09	24.10	5.07	2.42	0.07
21.55	4.93	2.31	0.09	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.09	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.09	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.09	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.09	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.09	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.09	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.09	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.09	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.09	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.09	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.09	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.09	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.09	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.09	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.09	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.08	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.08	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.08	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.08	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.08	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.08	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 3.31 cfs @ 12.17 hrs, Volume= 0.289 af, Depth= 4.83"
 Routed to Pond B-31 : Basin #31

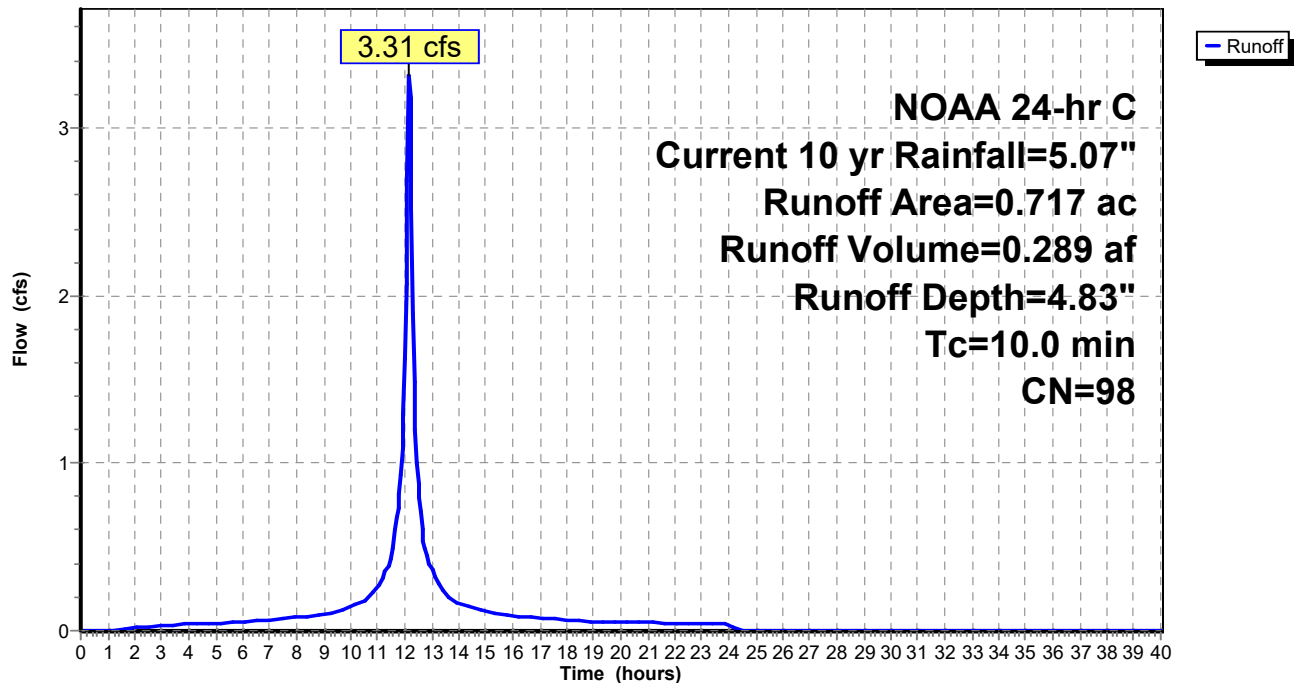
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.03
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.03
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.03
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.03
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.03
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.04
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.04
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.04
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.04
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.04
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.04
2.40	0.14	0.03	0.02	5.00	0.32	0.16	0.04
2.45	0.14	0.03	0.02	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.02	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.08
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.08
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.08
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.08
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.08
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.08
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.08
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.08
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.08
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.08
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.08
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.09
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.09
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.09
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.09
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.09
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.09
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.09
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.09
6.15	0.41	0.24	0.05	8.75	0.71	0.51	0.09
6.20	0.42	0.25	0.05	8.80	0.71	0.51	0.09
6.25	0.42	0.25	0.05	8.85	0.72	0.52	0.09
6.30	0.43	0.25	0.05	8.90	0.73	0.53	0.09
6.35	0.43	0.26	0.05	8.95	0.73	0.53	0.09
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.10
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.10
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.10
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.10
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.10
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.11
6.70	0.46	0.29	0.06	9.30	0.79	0.59	0.11
6.75	0.47	0.29	0.06	9.35	0.80	0.59	0.11
6.80	0.47	0.29	0.06	9.40	0.80	0.60	0.11
6.85	0.48	0.30	0.06	9.45	0.81	0.61	0.12
6.90	0.48	0.30	0.06	9.50	0.82	0.62	0.12
6.95	0.49	0.31	0.06	9.55	0.83	0.63	0.12
7.00	0.49	0.31	0.06	9.60	0.84	0.64	0.12
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.13
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.13
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.13
7.20	0.52	0.33	0.07	9.80	0.88	0.68	0.14
7.25	0.52	0.34	0.07	9.85	0.89	0.69	0.14
7.30	0.53	0.34	0.07	9.90	0.90	0.70	0.14
7.35	0.53	0.35	0.07	9.95	0.91	0.71	0.14
7.40	0.54	0.35	0.07	10.00	0.92	0.72	0.15
7.45	0.54	0.36	0.07	10.05	0.94	0.73	0.15
7.50	0.55	0.36	0.07	10.10	0.95	0.74	0.15
7.55	0.55	0.37	0.07	10.15	0.96	0.75	0.15
7.60	0.56	0.37	0.07	10.20	0.97	0.76	0.16
7.65	0.57	0.38	0.07	10.25	0.98	0.77	0.16
7.70	0.57	0.38	0.08	10.30	0.99	0.79	0.16
7.75	0.58	0.39	0.08	10.35	1.01	0.80	0.17

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.17	13.00	3.85	3.62	0.37
10.45	1.03	0.82	0.17	13.05	3.87	3.64	0.35
10.50	1.04	0.83	0.17	13.10	3.89	3.66	0.33
10.55	1.06	0.85	0.18	13.15	3.91	3.68	0.31
10.60	1.07	0.86	0.18	13.20	3.93	3.70	0.30
10.65	1.09	0.88	0.19	13.25	3.95	3.71	0.28
10.70	1.10	0.89	0.20	13.30	3.97	3.73	0.27
10.75	1.12	0.91	0.21	13.35	3.98	3.75	0.26
10.80	1.14	0.93	0.22	13.40	4.00	3.76	0.25
10.85	1.16	0.94	0.23	13.45	4.01	3.78	0.24
10.90	1.18	0.96	0.24	13.50	4.03	3.79	0.23
10.95	1.20	0.98	0.25	13.55	4.04	3.80	0.22
11.00	1.22	1.00	0.26	13.60	4.05	3.82	0.21
11.05	1.24	1.02	0.27	13.65	4.06	3.83	0.20
11.10	1.26	1.05	0.29	13.70	4.08	3.84	0.19
11.15	1.29	1.07	0.30	13.75	4.09	3.85	0.18
11.20	1.31	1.10	0.32	13.80	4.10	3.86	0.18
11.25	1.34	1.12	0.34	13.85	4.11	3.88	0.18
11.30	1.37	1.15	0.36	13.90	4.12	3.89	0.17
11.35	1.40	1.18	0.38	13.95	4.13	3.90	0.17
11.40	1.43	1.21	0.40	14.00	4.15	3.91	0.17
11.45	1.47	1.25	0.42	14.05	4.16	3.92	0.17
11.50	1.50	1.28	0.44	14.10	4.17	3.93	0.16
11.55	1.55	1.33	0.46	14.15	4.18	3.94	0.16
11.60	1.60	1.38	0.52	14.20	4.19	3.95	0.16
11.65	1.65	1.43	0.61	14.25	4.20	3.96	0.15
11.70	1.71	1.49	0.68	14.30	4.21	3.97	0.15
11.75	1.78	1.56	0.73	14.35	4.22	3.98	0.15
11.80	1.86	1.63	0.82	14.40	4.23	3.99	0.15
11.85	1.96	1.73	0.93	14.45	4.24	4.00	0.14
11.90	2.06	1.84	1.09	14.50	4.25	4.01	0.14
11.95	2.24	2.01	1.29	14.55	4.26	4.02	0.14
12.00	2.42	2.19	1.62	14.60	4.27	4.03	0.14
12.05	2.71	2.48	2.06	14.65	4.27	4.04	0.13
12.10	3.01	2.78	2.68	14.70	4.28	4.05	0.13
12.15	3.11	2.88	3.27	14.75	4.29	4.06	0.13
12.20	3.21	2.98	3.18	14.80	4.30	4.06	0.12
12.25	3.29	3.05	2.52	14.85	4.31	4.07	0.12
12.30	3.36	3.13	1.90	14.90	4.31	4.08	0.12
12.35	3.42	3.18	1.49	14.95	4.32	4.09	0.12
12.40	3.47	3.24	1.21	15.00	4.33	4.09	0.11
12.45	3.52	3.29	1.01	15.05	4.34	4.10	0.11
12.50	3.57	3.34	0.88	15.10	4.34	4.11	0.11
12.55	3.60	3.37	0.80	15.15	4.35	4.12	0.11
12.60	3.64	3.40	0.71	15.20	4.36	4.12	0.10
12.65	3.67	3.43	0.61	15.25	4.36	4.13	0.10
12.70	3.70	3.47	0.53	15.30	4.37	4.14	0.10
12.75	3.73	3.49	0.49	15.35	4.38	4.14	0.10
12.80	3.76	3.52	0.46	15.40	4.39	4.15	0.10
12.85	3.78	3.55	0.43	15.45	4.39	4.16	0.10
12.90	3.81	3.57	0.41	15.50	4.40	4.16	0.10
12.95	3.83	3.60	0.39	15.55	4.41	4.17	0.10

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.10	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.10	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.10	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.09	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.09	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.09	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.09	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.09	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.09	18.60	4.72	4.48	0.06
16.05	4.47	4.23	0.09	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.09	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.09	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.09	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.09	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.09	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.09	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.09	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.08	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.08	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.08	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.08	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.08	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.08	19.30	4.77	4.53	0.05
16.75	4.55	4.31	0.08	19.35	4.77	4.54	0.05
16.80	4.55	4.32	0.08	19.40	4.78	4.54	0.05
16.85	4.56	4.32	0.08	19.45	4.78	4.55	0.05
16.90	4.57	4.33	0.08	19.50	4.79	4.55	0.05
16.95	4.57	4.33	0.08	19.55	4.79	4.55	0.05
17.00	4.58	4.34	0.08	19.60	4.79	4.56	0.05
17.05	4.58	4.34	0.08	19.65	4.80	4.56	0.05
17.10	4.59	4.35	0.08	19.70	4.80	4.56	0.05
17.15	4.59	4.35	0.07	19.75	4.80	4.57	0.05
17.20	4.60	4.36	0.07	19.80	4.81	4.57	0.05
17.25	4.60	4.36	0.07	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.07	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.07	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.07	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.07	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.07	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.07	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.07	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.07	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.07	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.06	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.06	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.06	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.06	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.06	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.06	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.04
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.03
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.04	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.04	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.04	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.04	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.04	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.04	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.04	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 0.55 cfs @ 12.18 hrs, Volume= 0.042 af, Depth= 2.42"
 Routed to Pond B-31 : Basin #31

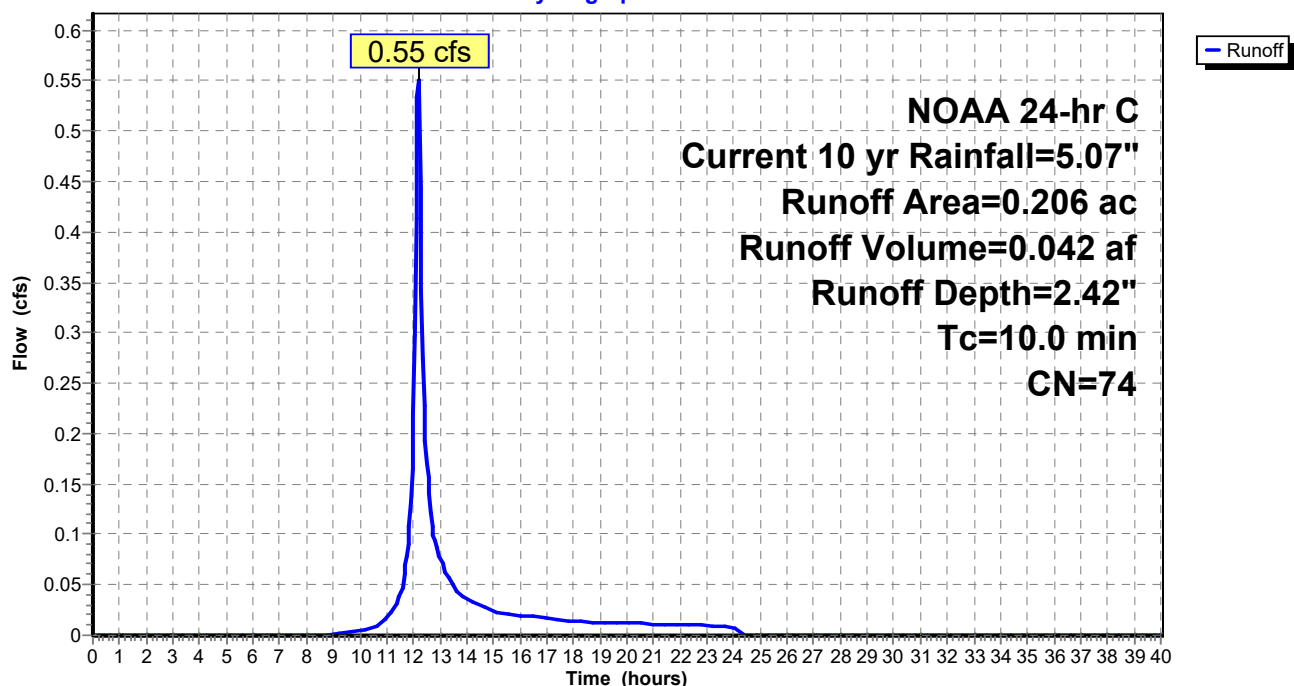
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.00
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.00
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.00
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.00
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.00
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.00
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.00
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.00
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.00
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.00
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.00
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.00
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.00
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.00
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.01
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.01
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.01
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.01
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.01	13.00	3.85	1.49	0.08
10.45	1.03	0.03	0.01	13.05	3.87	1.50	0.07
10.50	1.04	0.03	0.01	13.10	3.89	1.52	0.07
10.55	1.06	0.03	0.01	13.15	3.91	1.53	0.06
10.60	1.07	0.04	0.01	13.20	3.93	1.55	0.06
10.65	1.09	0.04	0.01	13.25	3.95	1.56	0.06
10.70	1.10	0.04	0.01	13.30	3.97	1.57	0.06
10.75	1.12	0.04	0.01	13.35	3.98	1.58	0.05
10.80	1.14	0.05	0.01	13.40	4.00	1.59	0.05
10.85	1.16	0.05	0.01	13.45	4.01	1.60	0.05
10.90	1.18	0.06	0.01	13.50	4.03	1.61	0.05
10.95	1.20	0.06	0.02	13.55	4.04	1.62	0.05
11.00	1.22	0.07	0.02	13.60	4.05	1.63	0.04
11.05	1.24	0.07	0.02	13.65	4.06	1.64	0.04
11.10	1.26	0.08	0.02	13.70	4.08	1.65	0.04
11.15	1.29	0.08	0.02	13.75	4.09	1.66	0.04
11.20	1.31	0.09	0.02	13.80	4.10	1.67	0.04
11.25	1.34	0.10	0.03	13.85	4.11	1.68	0.04
11.30	1.37	0.11	0.03	13.90	4.12	1.69	0.04
11.35	1.40	0.12	0.03	13.95	4.13	1.70	0.04
11.40	1.43	0.13	0.03	14.00	4.15	1.70	0.04
11.45	1.47	0.14	0.04	14.05	4.16	1.71	0.04
11.50	1.50	0.15	0.04	14.10	4.17	1.72	0.03
11.55	1.55	0.16	0.04	14.15	4.18	1.73	0.03
11.60	1.60	0.18	0.05	14.20	4.19	1.74	0.03
11.65	1.65	0.20	0.06	14.25	4.20	1.74	0.03
11.70	1.71	0.22	0.07	14.30	4.21	1.75	0.03
11.75	1.78	0.25	0.08	14.35	4.22	1.76	0.03
11.80	1.86	0.29	0.09	14.40	4.23	1.77	0.03
11.85	1.96	0.33	0.11	14.45	4.24	1.77	0.03
11.90	2.06	0.38	0.13	14.50	4.25	1.78	0.03
11.95	2.24	0.47	0.17	14.55	4.26	1.79	0.03
12.00	2.42	0.56	0.22	14.60	4.27	1.79	0.03
12.05	2.71	0.73	0.30	14.65	4.27	1.80	0.03
12.10	3.01	0.91	0.41	14.70	4.28	1.81	0.03
12.15	3.11	0.98	0.53	14.75	4.29	1.81	0.03
12.20	3.21	1.05	0.54	14.80	4.30	1.82	0.03
12.25	3.29	1.10	0.44	14.85	4.31	1.82	0.03
12.30	3.36	1.15	0.34	14.90	4.31	1.83	0.03
12.35	3.42	1.18	0.28	14.95	4.32	1.84	0.03
12.40	3.47	1.22	0.23	15.00	4.33	1.84	0.02
12.45	3.52	1.25	0.19	15.05	4.34	1.85	0.02
12.50	3.57	1.29	0.17	15.10	4.34	1.85	0.02
12.55	3.60	1.31	0.16	15.15	4.35	1.86	0.02
12.60	3.64	1.34	0.14	15.20	4.36	1.86	0.02
12.65	3.67	1.36	0.12	15.25	4.36	1.87	0.02
12.70	3.70	1.38	0.11	15.30	4.37	1.87	0.02
12.75	3.73	1.40	0.10	15.35	4.38	1.88	0.02
12.80	3.76	1.42	0.09	15.40	4.39	1.88	0.02
12.85	3.78	1.44	0.09	15.45	4.39	1.89	0.02
12.90	3.81	1.46	0.08	15.50	4.40	1.89	0.02
12.95	3.83	1.47	0.08	15.55	4.41	1.90	0.02

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.02	18.20	4.68	2.12	0.01
15.65	4.42	1.91	0.02	18.25	4.69	2.12	0.01
15.70	4.42	1.91	0.02	18.30	4.69	2.12	0.01
15.75	4.43	1.92	0.02	18.35	4.70	2.12	0.01
15.80	4.44	1.92	0.02	18.40	4.70	2.13	0.01
15.85	4.44	1.93	0.02	18.45	4.70	2.13	0.01
15.90	4.45	1.93	0.02	18.50	4.71	2.13	0.01
15.95	4.46	1.94	0.02	18.55	4.71	2.14	0.01
16.00	4.46	1.94	0.02	18.60	4.72	2.14	0.01
16.05	4.47	1.95	0.02	18.65	4.72	2.14	0.01
16.10	4.47	1.95	0.02	18.70	4.72	2.15	0.01
16.15	4.48	1.96	0.02	18.75	4.73	2.15	0.01
16.20	4.49	1.96	0.02	18.80	4.73	2.15	0.01
16.25	4.49	1.97	0.02	18.85	4.74	2.16	0.01
16.30	4.50	1.97	0.02	18.90	4.74	2.16	0.01
16.35	4.50	1.98	0.02	18.95	4.74	2.16	0.01
16.40	4.51	1.98	0.02	19.00	4.75	2.16	0.01
16.45	4.52	1.98	0.02	19.05	4.75	2.17	0.01
16.50	4.52	1.99	0.02	19.10	4.76	2.17	0.01
16.55	4.53	1.99	0.02	19.15	4.76	2.17	0.01
16.60	4.53	2.00	0.02	19.20	4.76	2.18	0.01
16.65	4.54	2.00	0.02	19.25	4.77	2.18	0.01
16.70	4.54	2.01	0.02	19.30	4.77	2.18	0.01
16.75	4.55	2.01	0.02	19.35	4.77	2.19	0.01
16.80	4.55	2.01	0.02	19.40	4.78	2.19	0.01
16.85	4.56	2.02	0.02	19.45	4.78	2.19	0.01
16.90	4.57	2.02	0.02	19.50	4.79	2.19	0.01
16.95	4.57	2.03	0.02	19.55	4.79	2.20	0.01
17.00	4.58	2.03	0.02	19.60	4.79	2.20	0.01
17.05	4.58	2.03	0.02	19.65	4.80	2.20	0.01
17.10	4.59	2.04	0.02	19.70	4.80	2.21	0.01
17.15	4.59	2.04	0.02	19.75	4.80	2.21	0.01
17.20	4.60	2.05	0.02	19.80	4.81	2.21	0.01
17.25	4.60	2.05	0.02	19.85	4.81	2.21	0.01
17.30	4.61	2.05	0.02	19.90	4.81	2.22	0.01
17.35	4.61	2.06	0.02	19.95	4.82	2.22	0.01
17.40	4.61	2.06	0.02	20.00	4.82	2.22	0.01
17.45	4.62	2.06	0.02	20.05	4.83	2.23	0.01
17.50	4.62	2.07	0.02	20.10	4.83	2.23	0.01
17.55	4.63	2.07	0.02	20.15	4.83	2.23	0.01
17.60	4.63	2.08	0.02	20.20	4.84	2.23	0.01
17.65	4.64	2.08	0.01	20.25	4.84	2.24	0.01
17.70	4.64	2.08	0.01	20.30	4.84	2.24	0.01
17.75	4.65	2.09	0.01	20.35	4.85	2.24	0.01
17.80	4.65	2.09	0.01	20.40	4.85	2.25	0.01
17.85	4.66	2.09	0.01	20.45	4.85	2.25	0.01
17.90	4.66	2.10	0.01	20.50	4.86	2.25	0.01
17.95	4.66	2.10	0.01	20.55	4.86	2.25	0.01
18.00	4.67	2.10	0.01	20.60	4.86	2.26	0.01
18.05	4.67	2.11	0.01	20.65	4.87	2.26	0.01
18.10	4.68	2.11	0.01	20.70	4.87	2.26	0.01
18.15	4.68	2.11	0.01	20.75	4.87	2.26	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.01	23.40	5.04	2.39	0.01
20.85	4.88	2.27	0.01	23.45	5.04	2.40	0.01
20.90	4.88	2.27	0.01	23.50	5.04	2.40	0.01
20.95	4.89	2.28	0.01	23.55	5.04	2.40	0.01
21.00	4.89	2.28	0.01	23.60	5.05	2.40	0.01
21.05	4.89	2.28	0.01	23.65	5.05	2.40	0.01
21.10	4.90	2.28	0.01	23.70	5.05	2.41	0.01
21.15	4.90	2.29	0.01	23.75	5.06	2.41	0.01
21.20	4.90	2.29	0.01	23.80	5.06	2.41	0.01
21.25	4.91	2.29	0.01	23.85	5.06	2.41	0.01
21.30	4.91	2.29	0.01	23.90	5.06	2.42	0.01
21.35	4.91	2.30	0.01	23.95	5.07	2.42	0.01
21.40	4.92	2.30	0.01	24.00	5.07	2.42	0.01
21.45	4.92	2.30	0.01	24.05	5.07	2.42	0.01
21.50	4.92	2.30	0.01	24.10	5.07	2.42	0.01
21.55	4.93	2.31	0.01	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.01	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.01	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.01	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.01	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.01	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.01	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.01	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.01	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.01	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.01	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.01	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.01	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.01	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.01	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.01	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.01	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.01	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.01	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.01	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.01	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.01	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.01	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.01	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.01	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.01	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.01	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.01	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.01	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.01	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.01	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.01	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.01	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.01	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.01	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.01	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.01	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 1.78 cfs @ 12.17 hrs, Volume= 0.155 af, Depth= 4.83"
 Routed to Pond B-32 : Basin #32

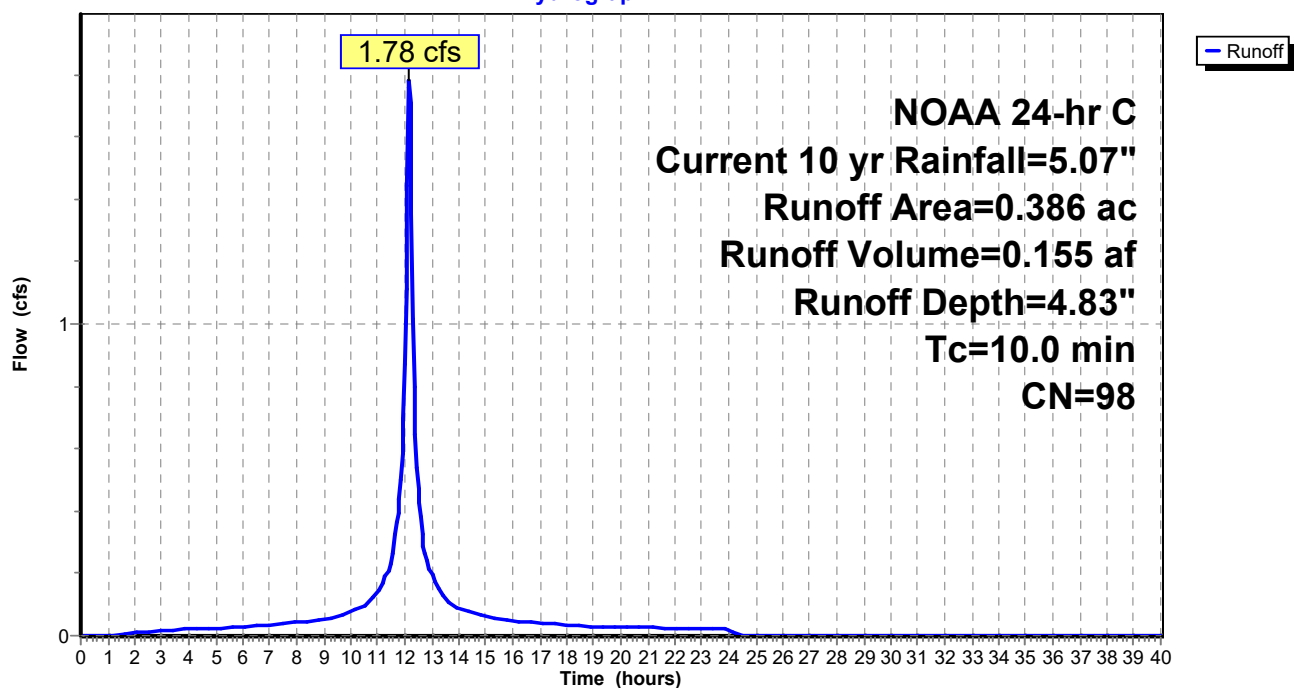
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.01
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.01
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.01
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.01
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.01
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.02
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.02
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.02
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.02
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.02
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.02
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.02
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.02
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.02
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.02
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.02
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.02
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.02
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.02
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.02
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.02
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.02
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.02
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.02
1.20	0.07	0.00	0.00	3.80	0.23	0.09	0.02
1.25	0.07	0.00	0.00	3.85	0.24	0.10	0.02
1.30	0.07	0.00	0.00	3.90	0.24	0.10	0.02
1.35	0.08	0.01	0.00	3.95	0.24	0.10	0.02
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.02
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.02
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.02
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.02
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.02
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.02
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.02
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.02
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.02
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.02
1.90	0.11	0.02	0.01	4.50	0.28	0.13	0.02
1.95	0.11	0.02	0.01	4.55	0.29	0.14	0.02
2.00	0.11	0.02	0.01	4.60	0.29	0.14	0.02
2.05	0.12	0.02	0.01	4.65	0.30	0.14	0.02
2.10	0.12	0.02	0.01	4.70	0.30	0.14	0.02
2.15	0.12	0.02	0.01	4.75	0.30	0.15	0.02
2.20	0.13	0.03	0.01	4.80	0.31	0.15	0.02
2.25	0.13	0.03	0.01	4.85	0.31	0.15	0.02
2.30	0.13	0.03	0.01	4.90	0.31	0.16	0.02
2.35	0.14	0.03	0.01	4.95	0.32	0.16	0.02
2.40	0.14	0.03	0.01	5.00	0.32	0.16	0.02
2.45	0.14	0.03	0.01	5.05	0.33	0.17	0.02
2.50	0.15	0.04	0.01	5.10	0.33	0.17	0.02
2.55	0.15	0.04	0.01	5.15	0.33	0.17	0.02

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.02	7.80	0.58	0.39	0.04
5.25	0.34	0.18	0.02	7.85	0.59	0.40	0.04
5.30	0.35	0.18	0.03	7.90	0.60	0.41	0.04
5.35	0.35	0.19	0.03	7.95	0.60	0.41	0.04
5.40	0.35	0.19	0.03	8.00	0.61	0.42	0.04
5.45	0.36	0.19	0.03	8.05	0.61	0.42	0.04
5.50	0.36	0.20	0.03	8.10	0.62	0.43	0.04
5.55	0.37	0.20	0.03	8.15	0.63	0.43	0.04
5.60	0.37	0.20	0.03	8.20	0.63	0.44	0.04
5.65	0.37	0.21	0.03	8.25	0.64	0.45	0.05
5.70	0.38	0.21	0.03	8.30	0.65	0.45	0.05
5.75	0.38	0.21	0.03	8.35	0.65	0.46	0.05
5.80	0.39	0.22	0.03	8.40	0.66	0.46	0.05
5.85	0.39	0.22	0.03	8.45	0.66	0.47	0.05
5.90	0.39	0.22	0.03	8.50	0.67	0.48	0.05
5.95	0.40	0.23	0.03	8.55	0.68	0.48	0.05
6.00	0.40	0.23	0.03	8.60	0.68	0.49	0.05
6.05	0.41	0.23	0.03	8.65	0.69	0.50	0.05
6.10	0.41	0.24	0.03	8.70	0.70	0.50	0.05
6.15	0.41	0.24	0.03	8.75	0.71	0.51	0.05
6.20	0.42	0.25	0.03	8.80	0.71	0.51	0.05
6.25	0.42	0.25	0.03	8.85	0.72	0.52	0.05
6.30	0.43	0.25	0.03	8.90	0.73	0.53	0.05
6.35	0.43	0.26	0.03	8.95	0.73	0.53	0.05
6.40	0.44	0.26	0.03	9.00	0.74	0.54	0.05
6.45	0.44	0.27	0.03	9.05	0.75	0.55	0.05
6.50	0.45	0.27	0.03	9.10	0.76	0.56	0.05
6.55	0.45	0.27	0.03	9.15	0.76	0.56	0.05
6.60	0.46	0.28	0.03	9.20	0.77	0.57	0.06
6.65	0.46	0.28	0.03	9.25	0.78	0.58	0.06
6.70	0.46	0.29	0.03	9.30	0.79	0.59	0.06
6.75	0.47	0.29	0.03	9.35	0.80	0.59	0.06
6.80	0.47	0.29	0.03	9.40	0.80	0.60	0.06
6.85	0.48	0.30	0.03	9.45	0.81	0.61	0.06
6.90	0.48	0.30	0.03	9.50	0.82	0.62	0.06
6.95	0.49	0.31	0.03	9.55	0.83	0.63	0.07
7.00	0.49	0.31	0.03	9.60	0.84	0.64	0.07
7.05	0.50	0.32	0.04	9.65	0.85	0.65	0.07
7.10	0.50	0.32	0.04	9.70	0.86	0.66	0.07
7.15	0.51	0.33	0.04	9.75	0.87	0.67	0.07
7.20	0.52	0.33	0.04	9.80	0.88	0.68	0.07
7.25	0.52	0.34	0.04	9.85	0.89	0.69	0.07
7.30	0.53	0.34	0.04	9.90	0.90	0.70	0.08
7.35	0.53	0.35	0.04	9.95	0.91	0.71	0.08
7.40	0.54	0.35	0.04	10.00	0.92	0.72	0.08
7.45	0.54	0.36	0.04	10.05	0.94	0.73	0.08
7.50	0.55	0.36	0.04	10.10	0.95	0.74	0.08
7.55	0.55	0.37	0.04	10.15	0.96	0.75	0.08
7.60	0.56	0.37	0.04	10.20	0.97	0.76	0.08
7.65	0.57	0.38	0.04	10.25	0.98	0.77	0.09
7.70	0.57	0.38	0.04	10.30	0.99	0.79	0.09
7.75	0.58	0.39	0.04	10.35	1.01	0.80	0.09

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.09	13.00	3.85	3.62	0.20
10.45	1.03	0.82	0.09	13.05	3.87	3.64	0.19
10.50	1.04	0.83	0.09	13.10	3.89	3.66	0.18
10.55	1.06	0.85	0.10	13.15	3.91	3.68	0.17
10.60	1.07	0.86	0.10	13.20	3.93	3.70	0.16
10.65	1.09	0.88	0.10	13.25	3.95	3.71	0.15
10.70	1.10	0.89	0.11	13.30	3.97	3.73	0.15
10.75	1.12	0.91	0.11	13.35	3.98	3.75	0.14
10.80	1.14	0.93	0.12	13.40	4.00	3.76	0.13
10.85	1.16	0.94	0.12	13.45	4.01	3.78	0.13
10.90	1.18	0.96	0.13	13.50	4.03	3.79	0.12
10.95	1.20	0.98	0.14	13.55	4.04	3.80	0.12
11.00	1.22	1.00	0.14	13.60	4.05	3.82	0.11
11.05	1.24	1.02	0.15	13.65	4.06	3.83	0.11
11.10	1.26	1.05	0.15	13.70	4.08	3.84	0.10
11.15	1.29	1.07	0.16	13.75	4.09	3.85	0.10
11.20	1.31	1.10	0.17	13.80	4.10	3.86	0.10
11.25	1.34	1.12	0.18	13.85	4.11	3.88	0.10
11.30	1.37	1.15	0.19	13.90	4.12	3.89	0.09
11.35	1.40	1.18	0.20	13.95	4.13	3.90	0.09
11.40	1.43	1.21	0.22	14.00	4.15	3.91	0.09
11.45	1.47	1.25	0.23	14.05	4.16	3.92	0.09
11.50	1.50	1.28	0.24	14.10	4.17	3.93	0.09
11.55	1.55	1.33	0.25	14.15	4.18	3.94	0.09
11.60	1.60	1.38	0.28	14.20	4.19	3.95	0.08
11.65	1.65	1.43	0.33	14.25	4.20	3.96	0.08
11.70	1.71	1.49	0.37	14.30	4.21	3.97	0.08
11.75	1.78	1.56	0.40	14.35	4.22	3.98	0.08
11.80	1.86	1.63	0.44	14.40	4.23	3.99	0.08
11.85	1.96	1.73	0.50	14.45	4.24	4.00	0.08
11.90	2.06	1.84	0.59	14.50	4.25	4.01	0.08
11.95	2.24	2.01	0.70	14.55	4.26	4.02	0.07
12.00	2.42	2.19	0.87	14.60	4.27	4.03	0.07
12.05	2.71	2.48	1.11	14.65	4.27	4.04	0.07
12.10	3.01	2.78	1.44	14.70	4.28	4.05	0.07
12.15	3.11	2.88	1.76	14.75	4.29	4.06	0.07
12.20	3.21	2.98	1.71	14.80	4.30	4.06	0.07
12.25	3.29	3.05	1.35	14.85	4.31	4.07	0.07
12.30	3.36	3.13	1.02	14.90	4.31	4.08	0.06
12.35	3.42	3.18	0.80	14.95	4.32	4.09	0.06
12.40	3.47	3.24	0.65	15.00	4.33	4.09	0.06
12.45	3.52	3.29	0.54	15.05	4.34	4.10	0.06
12.50	3.57	3.34	0.47	15.10	4.34	4.11	0.06
12.55	3.60	3.37	0.43	15.15	4.35	4.12	0.06
12.60	3.64	3.40	0.38	15.20	4.36	4.12	0.06
12.65	3.67	3.43	0.33	15.25	4.36	4.13	0.06
12.70	3.70	3.47	0.29	15.30	4.37	4.14	0.05
12.75	3.73	3.49	0.26	15.35	4.38	4.14	0.05
12.80	3.76	3.52	0.25	15.40	4.39	4.15	0.05
12.85	3.78	3.55	0.23	15.45	4.39	4.16	0.05
12.90	3.81	3.57	0.22	15.50	4.40	4.16	0.05
12.95	3.83	3.60	0.21	15.55	4.41	4.17	0.05

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.05	18.20	4.68	4.45	0.03
15.65	4.42	4.18	0.05	18.25	4.69	4.45	0.03
15.70	4.42	4.19	0.05	18.30	4.69	4.46	0.03
15.75	4.43	4.20	0.05	18.35	4.70	4.46	0.03
15.80	4.44	4.20	0.05	18.40	4.70	4.46	0.03
15.85	4.44	4.21	0.05	18.45	4.70	4.47	0.03
15.90	4.45	4.21	0.05	18.50	4.71	4.47	0.03
15.95	4.46	4.22	0.05	18.55	4.71	4.48	0.03
16.00	4.46	4.23	0.05	18.60	4.72	4.48	0.03
16.05	4.47	4.23	0.05	18.65	4.72	4.48	0.03
16.10	4.47	4.24	0.05	18.70	4.72	4.49	0.03
16.15	4.48	4.24	0.05	18.75	4.73	4.49	0.03
16.20	4.49	4.25	0.05	18.80	4.73	4.50	0.03
16.25	4.49	4.26	0.05	18.85	4.74	4.50	0.03
16.30	4.50	4.26	0.05	18.90	4.74	4.50	0.03
16.35	4.50	4.27	0.05	18.95	4.74	4.51	0.03
16.40	4.51	4.27	0.05	19.00	4.75	4.51	0.03
16.45	4.52	4.28	0.05	19.05	4.75	4.51	0.03
16.50	4.52	4.29	0.05	19.10	4.76	4.52	0.03
16.55	4.53	4.29	0.04	19.15	4.76	4.52	0.03
16.60	4.53	4.30	0.04	19.20	4.76	4.53	0.03
16.65	4.54	4.30	0.04	19.25	4.77	4.53	0.03
16.70	4.54	4.31	0.04	19.30	4.77	4.53	0.03
16.75	4.55	4.31	0.04	19.35	4.77	4.54	0.03
16.80	4.55	4.32	0.04	19.40	4.78	4.54	0.03
16.85	4.56	4.32	0.04	19.45	4.78	4.55	0.03
16.90	4.57	4.33	0.04	19.50	4.79	4.55	0.03
16.95	4.57	4.33	0.04	19.55	4.79	4.55	0.03
17.00	4.58	4.34	0.04	19.60	4.79	4.56	0.03
17.05	4.58	4.34	0.04	19.65	4.80	4.56	0.03
17.10	4.59	4.35	0.04	19.70	4.80	4.56	0.03
17.15	4.59	4.35	0.04	19.75	4.80	4.57	0.03
17.20	4.60	4.36	0.04	19.80	4.81	4.57	0.03
17.25	4.60	4.36	0.04	19.85	4.81	4.57	0.03
17.30	4.61	4.37	0.04	19.90	4.81	4.58	0.03
17.35	4.61	4.37	0.04	19.95	4.82	4.58	0.03
17.40	4.61	4.38	0.04	20.00	4.82	4.59	0.03
17.45	4.62	4.38	0.04	20.05	4.83	4.59	0.03
17.50	4.62	4.39	0.04	20.10	4.83	4.59	0.03
17.55	4.63	4.39	0.04	20.15	4.83	4.60	0.03
17.60	4.63	4.40	0.04	20.20	4.84	4.60	0.03
17.65	4.64	4.40	0.04	20.25	4.84	4.60	0.03
17.70	4.64	4.41	0.04	20.30	4.84	4.61	0.03
17.75	4.65	4.41	0.04	20.35	4.85	4.61	0.03
17.80	4.65	4.42	0.03	20.40	4.85	4.61	0.03
17.85	4.66	4.42	0.03	20.45	4.85	4.62	0.03
17.90	4.66	4.42	0.03	20.50	4.86	4.62	0.03
17.95	4.66	4.43	0.03	20.55	4.86	4.62	0.03
18.00	4.67	4.43	0.03	20.60	4.86	4.63	0.03
18.05	4.67	4.44	0.03	20.65	4.87	4.63	0.03
18.10	4.68	4.44	0.03	20.70	4.87	4.63	0.03
18.15	4.68	4.44	0.03	20.75	4.87	4.64	0.03

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.03	23.40	5.04	4.80	0.02
20.85	4.88	4.64	0.03	23.45	5.04	4.80	0.02
20.90	4.88	4.65	0.03	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.03	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.03	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.03	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.03	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.03	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.03	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.03	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.03	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.03	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.03	24.00	5.07	4.83	0.02
21.45	4.92	4.68	0.03	24.05	5.07	4.83	0.02
21.50	4.92	4.69	0.03	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.03	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.03	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.02	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.02	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.02	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.02	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.02	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.02	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.02	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.02	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.02	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.02	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.02	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.02	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.02	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.02	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.02	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.02	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.02	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.02	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.02	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.02	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.02	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.02	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.02	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.02	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.02	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.02	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.02	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.02	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.02	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.02	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.02	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.02	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.02	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.02	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.02	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 2.57 cfs @ 12.18 hrs, Volume= 0.194 af, Depth= 2.42"
 Routed to Pond B-32 : Basin #32

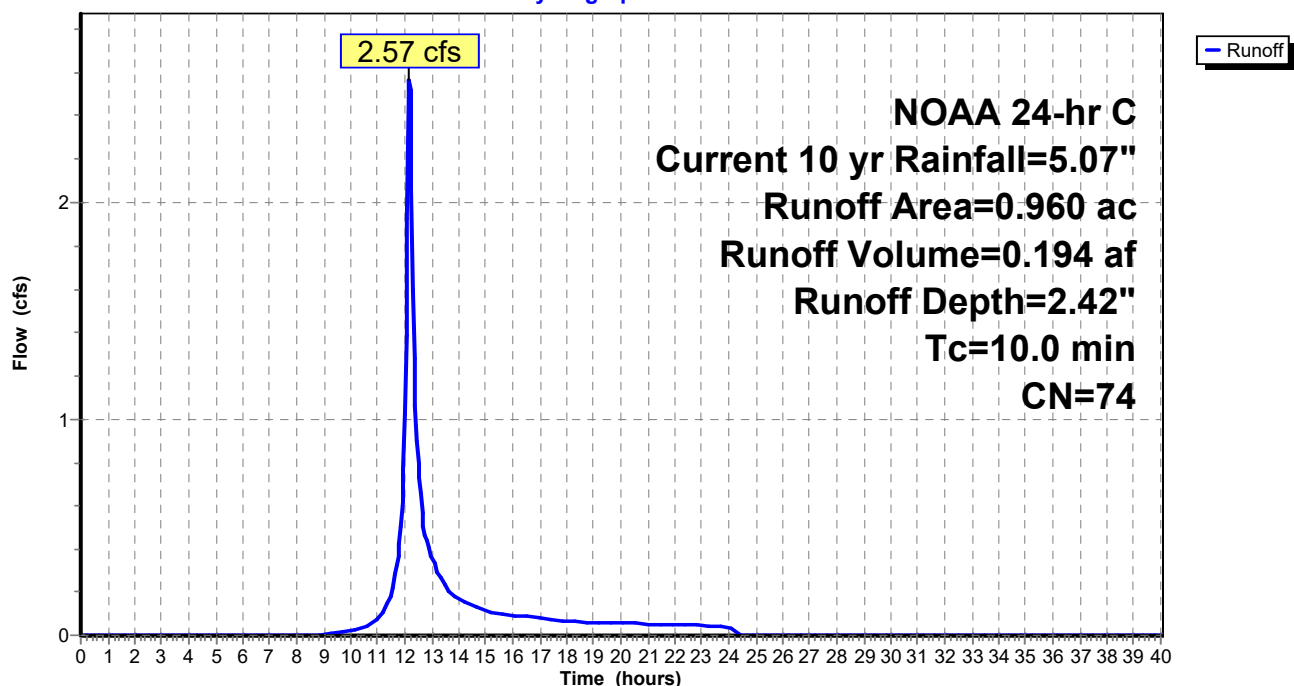
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.36
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.34
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.32
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.30
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.29
10.65	1.09	0.04	0.04	13.25	3.95	1.56	0.28
10.70	1.10	0.04	0.05	13.30	3.97	1.57	0.26
10.75	1.12	0.04	0.05	13.35	3.98	1.58	0.25
10.80	1.14	0.05	0.06	13.40	4.00	1.59	0.24
10.85	1.16	0.05	0.06	13.45	4.01	1.60	0.23
10.90	1.18	0.06	0.07	13.50	4.03	1.61	0.22
10.95	1.20	0.06	0.07	13.55	4.04	1.62	0.21
11.00	1.22	0.07	0.08	13.60	4.05	1.63	0.20
11.05	1.24	0.07	0.08	13.65	4.06	1.64	0.19
11.10	1.26	0.08	0.09	13.70	4.08	1.65	0.19
11.15	1.29	0.08	0.10	13.75	4.09	1.66	0.18
11.20	1.31	0.09	0.11	13.80	4.10	1.67	0.18
11.25	1.34	0.10	0.12	13.85	4.11	1.68	0.18
11.30	1.37	0.11	0.13	13.90	4.12	1.69	0.17
11.35	1.40	0.12	0.14	13.95	4.13	1.70	0.17
11.40	1.43	0.13	0.16	14.00	4.15	1.70	0.17
11.45	1.47	0.14	0.17	14.05	4.16	1.71	0.17
11.50	1.50	0.15	0.18	14.10	4.17	1.72	0.16
11.55	1.55	0.16	0.20	14.15	4.18	1.73	0.16
11.60	1.60	0.18	0.23	14.20	4.19	1.74	0.16
11.65	1.65	0.20	0.28	14.25	4.20	1.74	0.16
11.70	1.71	0.22	0.33	14.30	4.21	1.75	0.15
11.75	1.78	0.25	0.37	14.35	4.22	1.76	0.15
11.80	1.86	0.29	0.42	14.40	4.23	1.77	0.15
11.85	1.96	0.33	0.51	14.45	4.24	1.77	0.14
11.90	2.06	0.38	0.62	14.50	4.25	1.78	0.14
11.95	2.24	0.47	0.77	14.55	4.26	1.79	0.14
12.00	2.42	0.56	1.02	14.60	4.27	1.79	0.14
12.05	2.71	0.73	1.39	14.65	4.27	1.80	0.13
12.10	3.01	0.91	1.92	14.70	4.28	1.81	0.13
12.15	3.11	0.98	2.49	14.75	4.29	1.81	0.13
12.20	3.21	1.05	2.52	14.80	4.30	1.82	0.13
12.25	3.29	1.10	2.06	14.85	4.31	1.82	0.12
12.30	3.36	1.15	1.60	14.90	4.31	1.83	0.12
12.35	3.42	1.18	1.28	14.95	4.32	1.84	0.12
12.40	3.47	1.22	1.06	15.00	4.33	1.84	0.12
12.45	3.52	1.25	0.90	15.05	4.34	1.85	0.11
12.50	3.57	1.29	0.80	15.10	4.34	1.85	0.11
12.55	3.60	1.31	0.73	15.15	4.35	1.86	0.11
12.60	3.64	1.34	0.66	15.20	4.36	1.86	0.11
12.65	3.67	1.36	0.57	15.25	4.36	1.87	0.10
12.70	3.70	1.38	0.50	15.30	4.37	1.87	0.10
12.75	3.73	1.40	0.46	15.35	4.38	1.88	0.10
12.80	3.76	1.42	0.43	15.40	4.39	1.88	0.10
12.85	3.78	1.44	0.41	15.45	4.39	1.89	0.10
12.90	3.81	1.46	0.39	15.50	4.40	1.89	0.10
12.95	3.83	1.47	0.37	15.55	4.41	1.90	0.10

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.10	18.20	4.68	2.12	0.06
15.65	4.42	1.91	0.10	18.25	4.69	2.12	0.06
15.70	4.42	1.91	0.10	18.30	4.69	2.12	0.06
15.75	4.43	1.92	0.10	18.35	4.70	2.12	0.06
15.80	4.44	1.92	0.10	18.40	4.70	2.13	0.06
15.85	4.44	1.93	0.10	18.45	4.70	2.13	0.06
15.90	4.45	1.93	0.09	18.50	4.71	2.13	0.06
15.95	4.46	1.94	0.09	18.55	4.71	2.14	0.06
16.00	4.46	1.94	0.09	18.60	4.72	2.14	0.06
16.05	4.47	1.95	0.09	18.65	4.72	2.14	0.06
16.10	4.47	1.95	0.09	18.70	4.72	2.15	0.06
16.15	4.48	1.96	0.09	18.75	4.73	2.15	0.06
16.20	4.49	1.96	0.09	18.80	4.73	2.15	0.06
16.25	4.49	1.97	0.09	18.85	4.74	2.16	0.06
16.30	4.50	1.97	0.09	18.90	4.74	2.16	0.06
16.35	4.50	1.98	0.09	18.95	4.74	2.16	0.06
16.40	4.51	1.98	0.09	19.00	4.75	2.16	0.06
16.45	4.52	1.98	0.09	19.05	4.75	2.17	0.06
16.50	4.52	1.99	0.09	19.10	4.76	2.17	0.06
16.55	4.53	1.99	0.09	19.15	4.76	2.17	0.06
16.60	4.53	2.00	0.08	19.20	4.76	2.18	0.06
16.65	4.54	2.00	0.08	19.25	4.77	2.18	0.06
16.70	4.54	2.01	0.08	19.30	4.77	2.18	0.06
16.75	4.55	2.01	0.08	19.35	4.77	2.19	0.06
16.80	4.55	2.01	0.08	19.40	4.78	2.19	0.06
16.85	4.56	2.02	0.08	19.45	4.78	2.19	0.06
16.90	4.57	2.02	0.08	19.50	4.79	2.19	0.06
16.95	4.57	2.03	0.08	19.55	4.79	2.20	0.06
17.00	4.58	2.03	0.08	19.60	4.79	2.20	0.06
17.05	4.58	2.03	0.08	19.65	4.80	2.20	0.06
17.10	4.59	2.04	0.08	19.70	4.80	2.21	0.06
17.15	4.59	2.04	0.08	19.75	4.80	2.21	0.06
17.20	4.60	2.05	0.08	19.80	4.81	2.21	0.06
17.25	4.60	2.05	0.08	19.85	4.81	2.21	0.06
17.30	4.61	2.05	0.07	19.90	4.81	2.22	0.06
17.35	4.61	2.06	0.07	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.07	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.07	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.07	20.10	4.83	2.23	0.05
17.55	4.63	2.07	0.07	20.15	4.83	2.23	0.05
17.60	4.63	2.08	0.07	20.20	4.84	2.23	0.05
17.65	4.64	2.08	0.07	20.25	4.84	2.24	0.05
17.70	4.64	2.08	0.07	20.30	4.84	2.24	0.05
17.75	4.65	2.09	0.07	20.35	4.85	2.24	0.05
17.80	4.65	2.09	0.07	20.40	4.85	2.25	0.05
17.85	4.66	2.09	0.07	20.45	4.85	2.25	0.05
17.90	4.66	2.10	0.07	20.50	4.86	2.25	0.05
17.95	4.66	2.10	0.07	20.55	4.86	2.25	0.05
18.00	4.67	2.10	0.06	20.60	4.86	2.26	0.05
18.05	4.67	2.11	0.06	20.65	4.87	2.26	0.05
18.10	4.68	2.11	0.06	20.70	4.87	2.26	0.05
18.15	4.68	2.11	0.06	20.75	4.87	2.26	0.05

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.05	23.40	5.04	2.39	0.04
20.85	4.88	2.27	0.05	23.45	5.04	2.40	0.04
20.90	4.88	2.27	0.05	23.50	5.04	2.40	0.04
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.05	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.05	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.05	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.05	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.05	24.00	5.07	2.42	0.04
21.45	4.92	2.30	0.05	24.05	5.07	2.42	0.04
21.50	4.92	2.30	0.05	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.05	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.05	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.05	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.05	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.05	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.05	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.05	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.05	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.05	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.05	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.05	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.05	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.05	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.05	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.05	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.04	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.04	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.04	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.04	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.04	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.04	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.04	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.04	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.04	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.04	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.04	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

Runoff = 4.15 cfs @ 12.17 hrs, Volume= 0.362 af, Depth= 4.83"
 Routed to Pond B-33 : Basin #33

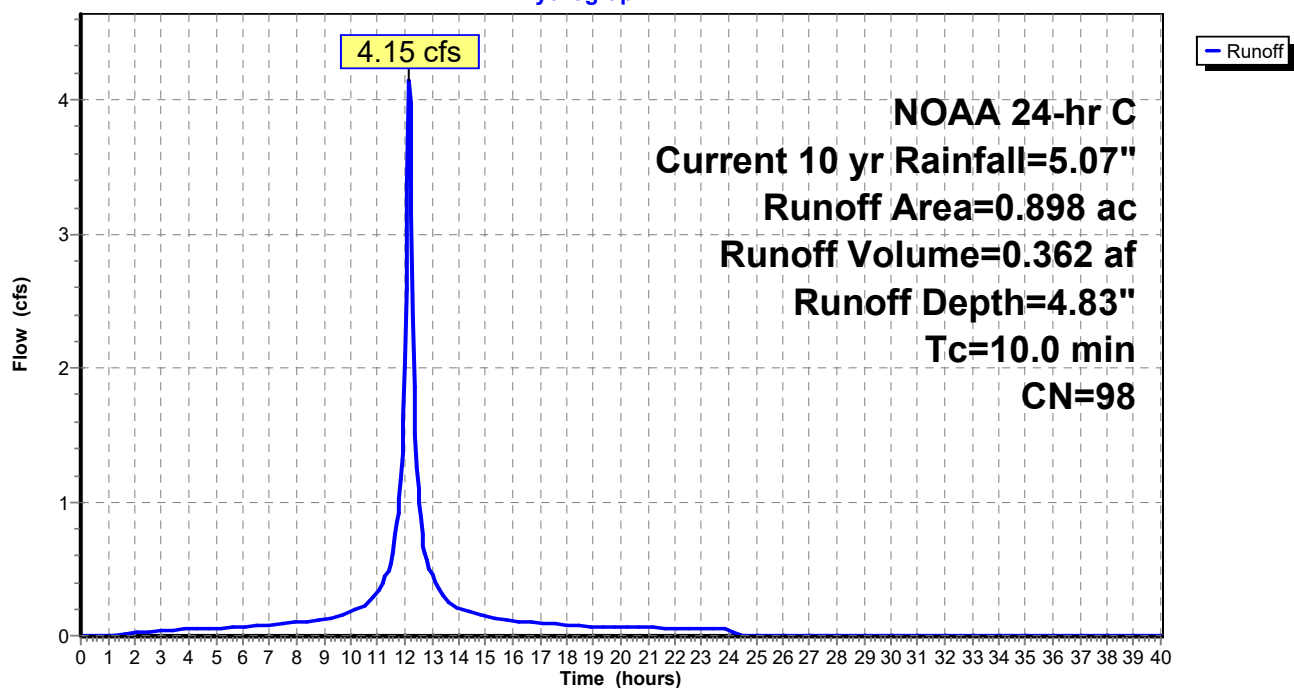
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 33I: PDA-33 (impervious)

Hydrograph



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.04
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.04
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.04
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.05
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.05
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.05
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.05
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.05
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.05
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.06
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.06
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.06
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.06
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.06
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.06

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.13
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.14
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.15
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.15
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.16
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.16
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.17
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.17
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.18
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.19
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.20
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.20
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.21

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.46
10.45	1.03	0.82	0.21	13.05	3.87	3.64	0.44
10.50	1.04	0.83	0.22	13.10	3.89	3.66	0.41
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.39
10.60	1.07	0.86	0.23	13.20	3.93	3.70	0.37
10.65	1.09	0.88	0.24	13.25	3.95	3.71	0.35
10.70	1.10	0.89	0.25	13.30	3.97	3.73	0.34
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.33
10.80	1.14	0.93	0.28	13.40	4.00	3.76	0.31
10.85	1.16	0.94	0.29	13.45	4.01	3.78	0.30
10.90	1.18	0.96	0.30	13.50	4.03	3.79	0.29
10.95	1.20	0.98	0.32	13.55	4.04	3.80	0.27
11.00	1.22	1.00	0.33	13.60	4.05	3.82	0.26
11.05	1.24	1.02	0.34	13.65	4.06	3.83	0.25
11.10	1.26	1.05	0.36	13.70	4.08	3.84	0.24
11.15	1.29	1.07	0.38	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.40	13.80	4.10	3.86	0.23
11.25	1.34	1.12	0.43	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.45	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.48	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.50	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.52	14.05	4.16	3.92	0.21
11.50	1.50	1.28	0.55	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.58	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.66	14.20	4.19	3.95	0.20
11.65	1.65	1.43	0.76	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.85	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.92	14.35	4.22	3.98	0.19
11.80	1.86	1.63	1.02	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.17	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.36	14.50	4.25	4.01	0.18
11.95	2.24	2.01	1.62	14.55	4.26	4.02	0.17
12.00	2.42	2.19	2.03	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.59	14.65	4.27	4.04	0.17
12.10	3.01	2.78	3.36	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.09	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.98	14.80	4.30	4.06	0.16
12.25	3.29	3.05	3.15	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.37	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.86	14.95	4.32	4.09	0.15
12.40	3.47	3.24	1.51	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.26	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.10	15.10	4.34	4.11	0.14
12.55	3.60	3.37	1.00	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.89	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.76	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.67	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.61	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.57	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.54	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.52	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.49	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 2.31 cfs @ 12.18 hrs, Volume= 0.174 af, Depth= 2.42"
 Routed to Pond B-33 : Basin #33

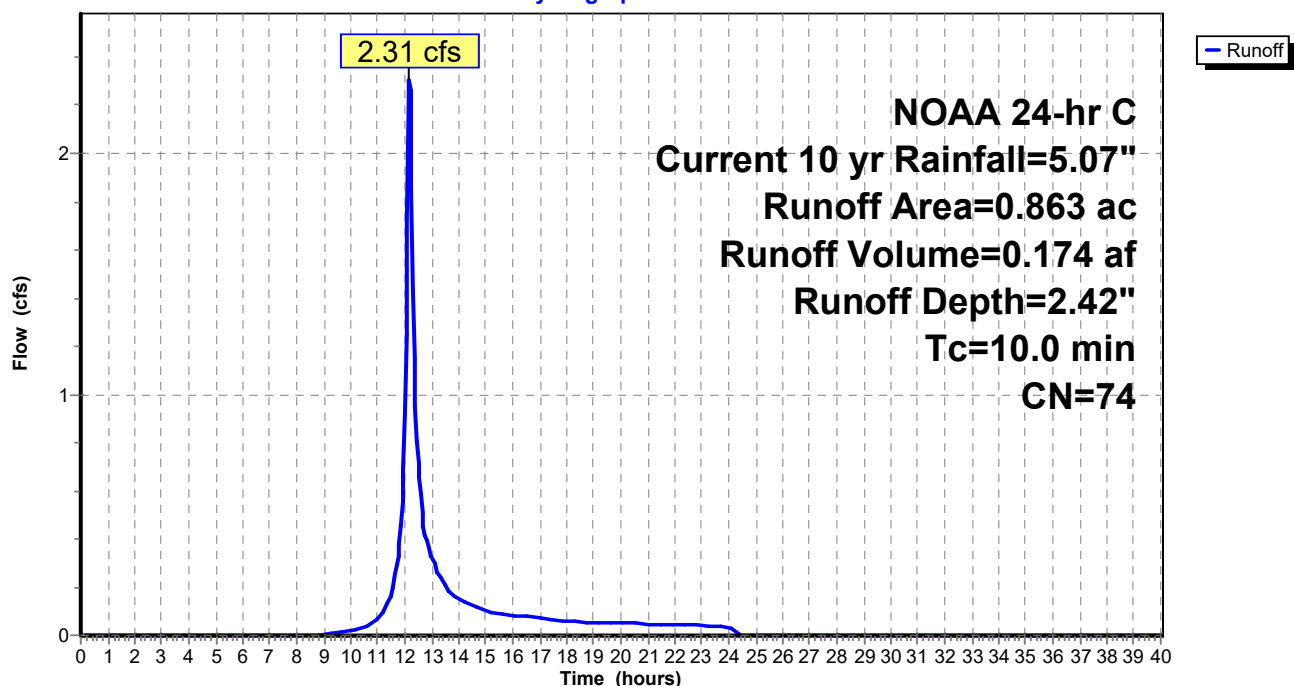
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.32
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.30
10.50	1.04	0.03	0.03	13.10	3.89	1.52	0.29
10.55	1.06	0.03	0.03	13.15	3.91	1.53	0.27
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.26
10.65	1.09	0.04	0.04	13.25	3.95	1.56	0.25
10.70	1.10	0.04	0.04	13.30	3.97	1.57	0.24
10.75	1.12	0.04	0.05	13.35	3.98	1.58	0.23
10.80	1.14	0.05	0.05	13.40	4.00	1.59	0.22
10.85	1.16	0.05	0.06	13.45	4.01	1.60	0.21
10.90	1.18	0.06	0.06	13.50	4.03	1.61	0.20
10.95	1.20	0.06	0.06	13.55	4.04	1.62	0.19
11.00	1.22	0.07	0.07	13.60	4.05	1.63	0.18
11.05	1.24	0.07	0.08	13.65	4.06	1.64	0.17
11.10	1.26	0.08	0.08	13.70	4.08	1.65	0.17
11.15	1.29	0.08	0.09	13.75	4.09	1.66	0.16
11.20	1.31	0.09	0.10	13.80	4.10	1.67	0.16
11.25	1.34	0.10	0.11	13.85	4.11	1.68	0.16
11.30	1.37	0.11	0.12	13.90	4.12	1.69	0.16
11.35	1.40	0.12	0.13	13.95	4.13	1.70	0.15
11.40	1.43	0.13	0.14	14.00	4.15	1.70	0.15
11.45	1.47	0.14	0.15	14.05	4.16	1.71	0.15
11.50	1.50	0.15	0.16	14.10	4.17	1.72	0.15
11.55	1.55	0.16	0.18	14.15	4.18	1.73	0.14
11.60	1.60	0.18	0.21	14.20	4.19	1.74	0.14
11.65	1.65	0.20	0.25	14.25	4.20	1.74	0.14
11.70	1.71	0.22	0.29	14.30	4.21	1.75	0.14
11.75	1.78	0.25	0.33	14.35	4.22	1.76	0.13
11.80	1.86	0.29	0.38	14.40	4.23	1.77	0.13
11.85	1.96	0.33	0.45	14.45	4.24	1.77	0.13
11.90	2.06	0.38	0.56	14.50	4.25	1.78	0.13
11.95	2.24	0.47	0.69	14.55	4.26	1.79	0.13
12.00	2.42	0.56	0.92	14.60	4.27	1.79	0.12
12.05	2.71	0.73	1.25	14.65	4.27	1.80	0.12
12.10	3.01	0.91	1.73	14.70	4.28	1.81	0.12
12.15	3.11	0.98	2.24	14.75	4.29	1.81	0.12
12.20	3.21	1.05	2.27	14.80	4.30	1.82	0.11
12.25	3.29	1.10	1.85	14.85	4.31	1.82	0.11
12.30	3.36	1.15	1.43	14.90	4.31	1.83	0.11
12.35	3.42	1.18	1.15	14.95	4.32	1.84	0.11
12.40	3.47	1.22	0.95	15.00	4.33	1.84	0.10
12.45	3.52	1.25	0.81	15.05	4.34	1.85	0.10
12.50	3.57	1.29	0.72	15.10	4.34	1.85	0.10
12.55	3.60	1.31	0.66	15.15	4.35	1.86	0.10
12.60	3.64	1.34	0.59	15.20	4.36	1.86	0.09
12.65	3.67	1.36	0.51	15.25	4.36	1.87	0.09
12.70	3.70	1.38	0.45	15.30	4.37	1.87	0.09
12.75	3.73	1.40	0.41	15.35	4.38	1.88	0.09
12.80	3.76	1.42	0.39	15.40	4.39	1.88	0.09
12.85	3.78	1.44	0.37	15.45	4.39	1.89	0.09
12.90	3.81	1.46	0.35	15.50	4.40	1.89	0.09
12.95	3.83	1.47	0.34	15.55	4.41	1.90	0.09

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.09	18.20	4.68	2.12	0.06
15.65	4.42	1.91	0.09	18.25	4.69	2.12	0.06
15.70	4.42	1.91	0.09	18.30	4.69	2.12	0.06
15.75	4.43	1.92	0.09	18.35	4.70	2.12	0.05
15.80	4.44	1.92	0.09	18.40	4.70	2.13	0.05
15.85	4.44	1.93	0.09	18.45	4.70	2.13	0.05
15.90	4.45	1.93	0.09	18.50	4.71	2.13	0.05
15.95	4.46	1.94	0.08	18.55	4.71	2.14	0.05
16.00	4.46	1.94	0.08	18.60	4.72	2.14	0.05
16.05	4.47	1.95	0.08	18.65	4.72	2.14	0.05
16.10	4.47	1.95	0.08	18.70	4.72	2.15	0.05
16.15	4.48	1.96	0.08	18.75	4.73	2.15	0.05
16.20	4.49	1.96	0.08	18.80	4.73	2.15	0.05
16.25	4.49	1.97	0.08	18.85	4.74	2.16	0.05
16.30	4.50	1.97	0.08	18.90	4.74	2.16	0.05
16.35	4.50	1.98	0.08	18.95	4.74	2.16	0.05
16.40	4.51	1.98	0.08	19.00	4.75	2.16	0.05
16.45	4.52	1.98	0.08	19.05	4.75	2.17	0.05
16.50	4.52	1.99	0.08	19.10	4.76	2.17	0.05
16.55	4.53	1.99	0.08	19.15	4.76	2.17	0.05
16.60	4.53	2.00	0.08	19.20	4.76	2.18	0.05
16.65	4.54	2.00	0.08	19.25	4.77	2.18	0.05
16.70	4.54	2.01	0.08	19.30	4.77	2.18	0.05
16.75	4.55	2.01	0.07	19.35	4.77	2.19	0.05
16.80	4.55	2.01	0.07	19.40	4.78	2.19	0.05
16.85	4.56	2.02	0.07	19.45	4.78	2.19	0.05
16.90	4.57	2.02	0.07	19.50	4.79	2.19	0.05
16.95	4.57	2.03	0.07	19.55	4.79	2.20	0.05
17.00	4.58	2.03	0.07	19.60	4.79	2.20	0.05
17.05	4.58	2.03	0.07	19.65	4.80	2.20	0.05
17.10	4.59	2.04	0.07	19.70	4.80	2.21	0.05
17.15	4.59	2.04	0.07	19.75	4.80	2.21	0.05
17.20	4.60	2.05	0.07	19.80	4.81	2.21	0.05
17.25	4.60	2.05	0.07	19.85	4.81	2.21	0.05
17.30	4.61	2.05	0.07	19.90	4.81	2.22	0.05
17.35	4.61	2.06	0.07	19.95	4.82	2.22	0.05
17.40	4.61	2.06	0.07	20.00	4.82	2.22	0.05
17.45	4.62	2.06	0.07	20.05	4.83	2.23	0.05
17.50	4.62	2.07	0.06	20.10	4.83	2.23	0.05
17.55	4.63	2.07	0.06	20.15	4.83	2.23	0.05
17.60	4.63	2.08	0.06	20.20	4.84	2.23	0.05
17.65	4.64	2.08	0.06	20.25	4.84	2.24	0.05
17.70	4.64	2.08	0.06	20.30	4.84	2.24	0.05
17.75	4.65	2.09	0.06	20.35	4.85	2.24	0.05
17.80	4.65	2.09	0.06	20.40	4.85	2.25	0.05
17.85	4.66	2.09	0.06	20.45	4.85	2.25	0.05
17.90	4.66	2.10	0.06	20.50	4.86	2.25	0.05
17.95	4.66	2.10	0.06	20.55	4.86	2.25	0.05
18.00	4.67	2.10	0.06	20.60	4.86	2.26	0.05
18.05	4.67	2.11	0.06	20.65	4.87	2.26	0.05
18.10	4.68	2.11	0.06	20.70	4.87	2.26	0.05
18.15	4.68	2.11	0.06	20.75	4.87	2.26	0.05

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.05	23.40	5.04	2.39	0.04
20.85	4.88	2.27	0.05	23.45	5.04	2.40	0.04
20.90	4.88	2.27	0.05	23.50	5.04	2.40	0.04
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.05	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.05	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.05	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.05	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.05	24.00	5.07	2.42	0.04
21.45	4.92	2.30	0.05	24.05	5.07	2.42	0.04
21.50	4.92	2.30	0.04	24.10	5.07	2.42	0.03
21.55	4.93	2.31	0.04	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.04	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.04	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.04	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.04	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.04	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.04	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.04	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.04	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.04	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.04	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.04	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.04	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.04	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.04	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.04	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.04	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.04	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.04	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.04	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.04	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.04	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.04	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.04	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.04	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.04	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.04	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.04	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.04	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.04	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.04	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.04	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.04	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.04	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.04	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.04	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.04	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 1.94 cfs @ 12.17 hrs, Volume= 0.170 af, Depth= 4.83"
 Routed to Pond B-34 : Basin #34

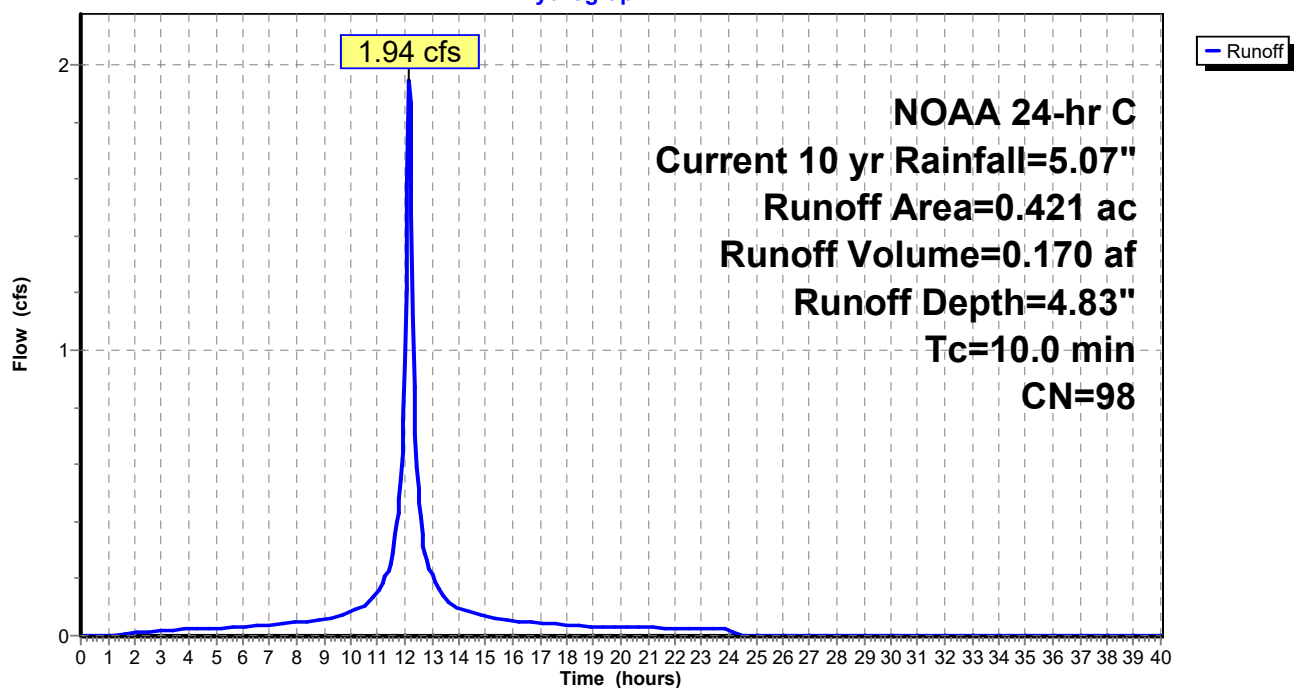
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.02
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.02
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.02
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.02
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.02
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.02
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.02
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.02
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.02
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.02
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.02
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.02
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.02
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.02
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.02
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.02
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.02
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.02
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.02
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.02
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.02
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.02
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.02
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.02
1.20	0.07	0.00	0.00	3.80	0.23	0.09	0.02
1.25	0.07	0.00	0.00	3.85	0.24	0.10	0.02
1.30	0.07	0.00	0.00	3.90	0.24	0.10	0.02
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.02
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.02
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.02
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.02
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.02
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.02
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.02
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.02
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.02
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.02
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.02
1.90	0.11	0.02	0.01	4.50	0.28	0.13	0.02
1.95	0.11	0.02	0.01	4.55	0.29	0.14	0.02
2.00	0.11	0.02	0.01	4.60	0.29	0.14	0.02
2.05	0.12	0.02	0.01	4.65	0.30	0.14	0.02
2.10	0.12	0.02	0.01	4.70	0.30	0.14	0.03
2.15	0.12	0.02	0.01	4.75	0.30	0.15	0.03
2.20	0.13	0.03	0.01	4.80	0.31	0.15	0.03
2.25	0.13	0.03	0.01	4.85	0.31	0.15	0.03
2.30	0.13	0.03	0.01	4.90	0.31	0.16	0.03
2.35	0.14	0.03	0.01	4.95	0.32	0.16	0.03
2.40	0.14	0.03	0.01	5.00	0.32	0.16	0.03
2.45	0.14	0.03	0.01	5.05	0.33	0.17	0.03
2.50	0.15	0.04	0.01	5.10	0.33	0.17	0.03
2.55	0.15	0.04	0.01	5.15	0.33	0.17	0.03

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.03	7.80	0.58	0.39	0.05
5.25	0.34	0.18	0.03	7.85	0.59	0.40	0.05
5.30	0.35	0.18	0.03	7.90	0.60	0.41	0.05
5.35	0.35	0.19	0.03	7.95	0.60	0.41	0.05
5.40	0.35	0.19	0.03	8.00	0.61	0.42	0.05
5.45	0.36	0.19	0.03	8.05	0.61	0.42	0.05
5.50	0.36	0.20	0.03	8.10	0.62	0.43	0.05
5.55	0.37	0.20	0.03	8.15	0.63	0.43	0.05
5.60	0.37	0.20	0.03	8.20	0.63	0.44	0.05
5.65	0.37	0.21	0.03	8.25	0.64	0.45	0.05
5.70	0.38	0.21	0.03	8.30	0.65	0.45	0.05
5.75	0.38	0.21	0.03	8.35	0.65	0.46	0.05
5.80	0.39	0.22	0.03	8.40	0.66	0.46	0.05
5.85	0.39	0.22	0.03	8.45	0.66	0.47	0.05
5.90	0.39	0.22	0.03	8.50	0.67	0.48	0.05
5.95	0.40	0.23	0.03	8.55	0.68	0.48	0.05
6.00	0.40	0.23	0.03	8.60	0.68	0.49	0.05
6.05	0.41	0.23	0.03	8.65	0.69	0.50	0.05
6.10	0.41	0.24	0.03	8.70	0.70	0.50	0.05
6.15	0.41	0.24	0.03	8.75	0.71	0.51	0.05
6.20	0.42	0.25	0.03	8.80	0.71	0.51	0.05
6.25	0.42	0.25	0.03	8.85	0.72	0.52	0.05
6.30	0.43	0.25	0.03	8.90	0.73	0.53	0.06
6.35	0.43	0.26	0.03	8.95	0.73	0.53	0.06
6.40	0.44	0.26	0.03	9.00	0.74	0.54	0.06
6.45	0.44	0.27	0.03	9.05	0.75	0.55	0.06
6.50	0.45	0.27	0.03	9.10	0.76	0.56	0.06
6.55	0.45	0.27	0.03	9.15	0.76	0.56	0.06
6.60	0.46	0.28	0.03	9.20	0.77	0.57	0.06
6.65	0.46	0.28	0.03	9.25	0.78	0.58	0.06
6.70	0.46	0.29	0.04	9.30	0.79	0.59	0.06
6.75	0.47	0.29	0.04	9.35	0.80	0.59	0.07
6.80	0.47	0.29	0.04	9.40	0.80	0.60	0.07
6.85	0.48	0.30	0.04	9.45	0.81	0.61	0.07
6.90	0.48	0.30	0.04	9.50	0.82	0.62	0.07
6.95	0.49	0.31	0.04	9.55	0.83	0.63	0.07
7.00	0.49	0.31	0.04	9.60	0.84	0.64	0.07
7.05	0.50	0.32	0.04	9.65	0.85	0.65	0.07
7.10	0.50	0.32	0.04	9.70	0.86	0.66	0.08
7.15	0.51	0.33	0.04	9.75	0.87	0.67	0.08
7.20	0.52	0.33	0.04	9.80	0.88	0.68	0.08
7.25	0.52	0.34	0.04	9.85	0.89	0.69	0.08
7.30	0.53	0.34	0.04	9.90	0.90	0.70	0.08
7.35	0.53	0.35	0.04	9.95	0.91	0.71	0.08
7.40	0.54	0.35	0.04	10.00	0.92	0.72	0.09
7.45	0.54	0.36	0.04	10.05	0.94	0.73	0.09
7.50	0.55	0.36	0.04	10.10	0.95	0.74	0.09
7.55	0.55	0.37	0.04	10.15	0.96	0.75	0.09
7.60	0.56	0.37	0.04	10.20	0.97	0.76	0.09
7.65	0.57	0.38	0.04	10.25	0.98	0.77	0.09
7.70	0.57	0.38	0.04	10.30	0.99	0.79	0.10
7.75	0.58	0.39	0.04	10.35	1.01	0.80	0.10

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.10	13.00	3.85	3.62	0.22
10.45	1.03	0.82	0.10	13.05	3.87	3.64	0.21
10.50	1.04	0.83	0.10	13.10	3.89	3.66	0.19
10.55	1.06	0.85	0.10	13.15	3.91	3.68	0.18
10.60	1.07	0.86	0.11	13.20	3.93	3.70	0.17
10.65	1.09	0.88	0.11	13.25	3.95	3.71	0.17
10.70	1.10	0.89	0.12	13.30	3.97	3.73	0.16
10.75	1.12	0.91	0.12	13.35	3.98	3.75	0.15
10.80	1.14	0.93	0.13	13.40	4.00	3.76	0.15
10.85	1.16	0.94	0.14	13.45	4.01	3.78	0.14
10.90	1.18	0.96	0.14	13.50	4.03	3.79	0.13
10.95	1.20	0.98	0.15	13.55	4.04	3.80	0.13
11.00	1.22	1.00	0.15	13.60	4.05	3.82	0.12
11.05	1.24	1.02	0.16	13.65	4.06	3.83	0.12
11.10	1.26	1.05	0.17	13.70	4.08	3.84	0.11
11.15	1.29	1.07	0.18	13.75	4.09	3.85	0.11
11.20	1.31	1.10	0.19	13.80	4.10	3.86	0.11
11.25	1.34	1.12	0.20	13.85	4.11	3.88	0.10
11.30	1.37	1.15	0.21	13.90	4.12	3.89	0.10
11.35	1.40	1.18	0.22	13.95	4.13	3.90	0.10
11.40	1.43	1.21	0.23	14.00	4.15	3.91	0.10
11.45	1.47	1.25	0.25	14.05	4.16	3.92	0.10
11.50	1.50	1.28	0.26	14.10	4.17	3.93	0.10
11.55	1.55	1.33	0.27	14.15	4.18	3.94	0.09
11.60	1.60	1.38	0.31	14.20	4.19	3.95	0.09
11.65	1.65	1.43	0.36	14.25	4.20	3.96	0.09
11.70	1.71	1.49	0.40	14.30	4.21	3.97	0.09
11.75	1.78	1.56	0.43	14.35	4.22	3.98	0.09
11.80	1.86	1.63	0.48	14.40	4.23	3.99	0.09
11.85	1.96	1.73	0.55	14.45	4.24	4.00	0.08
11.90	2.06	1.84	0.64	14.50	4.25	4.01	0.08
11.95	2.24	2.01	0.76	14.55	4.26	4.02	0.08
12.00	2.42	2.19	0.95	14.60	4.27	4.03	0.08
12.05	2.71	2.48	1.21	14.65	4.27	4.04	0.08
12.10	3.01	2.78	1.58	14.70	4.28	4.05	0.08
12.15	3.11	2.88	1.92	14.75	4.29	4.06	0.07
12.20	3.21	2.98	1.86	14.80	4.30	4.06	0.07
12.25	3.29	3.05	1.48	14.85	4.31	4.07	0.07
12.30	3.36	3.13	1.11	14.90	4.31	4.08	0.07
12.35	3.42	3.18	0.87	14.95	4.32	4.09	0.07
12.40	3.47	3.24	0.71	15.00	4.33	4.09	0.07
12.45	3.52	3.29	0.59	15.05	4.34	4.10	0.07
12.50	3.57	3.34	0.52	15.10	4.34	4.11	0.06
12.55	3.60	3.37	0.47	15.15	4.35	4.12	0.06
12.60	3.64	3.40	0.42	15.20	4.36	4.12	0.06
12.65	3.67	3.43	0.36	15.25	4.36	4.13	0.06
12.70	3.70	3.47	0.31	15.30	4.37	4.14	0.06
12.75	3.73	3.49	0.29	15.35	4.38	4.14	0.06
12.80	3.76	3.52	0.27	15.40	4.39	4.15	0.06
12.85	3.78	3.55	0.25	15.45	4.39	4.16	0.06
12.90	3.81	3.57	0.24	15.50	4.40	4.16	0.06
12.95	3.83	3.60	0.23	15.55	4.41	4.17	0.06

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.06	18.20	4.68	4.45	0.03
15.65	4.42	4.18	0.06	18.25	4.69	4.45	0.03
15.70	4.42	4.19	0.06	18.30	4.69	4.46	0.03
15.75	4.43	4.20	0.06	18.35	4.70	4.46	0.03
15.80	4.44	4.20	0.06	18.40	4.70	4.46	0.03
15.85	4.44	4.21	0.05	18.45	4.70	4.47	0.03
15.90	4.45	4.21	0.05	18.50	4.71	4.47	0.03
15.95	4.46	4.22	0.05	18.55	4.71	4.48	0.03
16.00	4.46	4.23	0.05	18.60	4.72	4.48	0.03
16.05	4.47	4.23	0.05	18.65	4.72	4.48	0.03
16.10	4.47	4.24	0.05	18.70	4.72	4.49	0.03
16.15	4.48	4.24	0.05	18.75	4.73	4.49	0.03
16.20	4.49	4.25	0.05	18.80	4.73	4.50	0.03
16.25	4.49	4.26	0.05	18.85	4.74	4.50	0.03
16.30	4.50	4.26	0.05	18.90	4.74	4.50	0.03
16.35	4.50	4.27	0.05	18.95	4.74	4.51	0.03
16.40	4.51	4.27	0.05	19.00	4.75	4.51	0.03
16.45	4.52	4.28	0.05	19.05	4.75	4.51	0.03
16.50	4.52	4.29	0.05	19.10	4.76	4.52	0.03
16.55	4.53	4.29	0.05	19.15	4.76	4.52	0.03
16.60	4.53	4.30	0.05	19.20	4.76	4.53	0.03
16.65	4.54	4.30	0.05	19.25	4.77	4.53	0.03
16.70	4.54	4.31	0.05	19.30	4.77	4.53	0.03
16.75	4.55	4.31	0.05	19.35	4.77	4.54	0.03
16.80	4.55	4.32	0.05	19.40	4.78	4.54	0.03
16.85	4.56	4.32	0.05	19.45	4.78	4.55	0.03
16.90	4.57	4.33	0.05	19.50	4.79	4.55	0.03
16.95	4.57	4.33	0.05	19.55	4.79	4.55	0.03
17.00	4.58	4.34	0.04	19.60	4.79	4.56	0.03
17.05	4.58	4.34	0.04	19.65	4.80	4.56	0.03
17.10	4.59	4.35	0.04	19.70	4.80	4.56	0.03
17.15	4.59	4.35	0.04	19.75	4.80	4.57	0.03
17.20	4.60	4.36	0.04	19.80	4.81	4.57	0.03
17.25	4.60	4.36	0.04	19.85	4.81	4.57	0.03
17.30	4.61	4.37	0.04	19.90	4.81	4.58	0.03
17.35	4.61	4.37	0.04	19.95	4.82	4.58	0.03
17.40	4.61	4.38	0.04	20.00	4.82	4.59	0.03
17.45	4.62	4.38	0.04	20.05	4.83	4.59	0.03
17.50	4.62	4.39	0.04	20.10	4.83	4.59	0.03
17.55	4.63	4.39	0.04	20.15	4.83	4.60	0.03
17.60	4.63	4.40	0.04	20.20	4.84	4.60	0.03
17.65	4.64	4.40	0.04	20.25	4.84	4.60	0.03
17.70	4.64	4.41	0.04	20.30	4.84	4.61	0.03
17.75	4.65	4.41	0.04	20.35	4.85	4.61	0.03
17.80	4.65	4.42	0.04	20.40	4.85	4.61	0.03
17.85	4.66	4.42	0.04	20.45	4.85	4.62	0.03
17.90	4.66	4.42	0.04	20.50	4.86	4.62	0.03
17.95	4.66	4.43	0.04	20.55	4.86	4.62	0.03
18.00	4.67	4.43	0.04	20.60	4.86	4.63	0.03
18.05	4.67	4.44	0.04	20.65	4.87	4.63	0.03
18.10	4.68	4.44	0.04	20.70	4.87	4.63	0.03
18.15	4.68	4.44	0.04	20.75	4.87	4.64	0.03

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.03	23.40	5.04	4.80	0.02
20.85	4.88	4.64	0.03	23.45	5.04	4.80	0.02
20.90	4.88	4.65	0.03	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.03	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.03	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.03	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.03	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.03	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.03	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.03	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.03	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.03	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.03	24.00	5.07	4.83	0.02
21.45	4.92	4.68	0.03	24.05	5.07	4.83	0.02
21.50	4.92	4.69	0.03	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.03	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.03	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.03	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.03	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.03	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.03	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.03	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.03	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.03	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.03	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.03	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.03	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.03	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.03	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.03	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.03	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.03	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.03	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.03	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.03	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.03	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.03	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.03	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.03	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.02	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.02	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.02	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.02	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.02	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.02	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.02	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.02	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.02	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.02	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.02	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.02	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.02	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 3.63 cfs @ 12.18 hrs, Volume= 0.274 af, Depth= 2.42"
 Routed to Pond B-34 : Basin #34

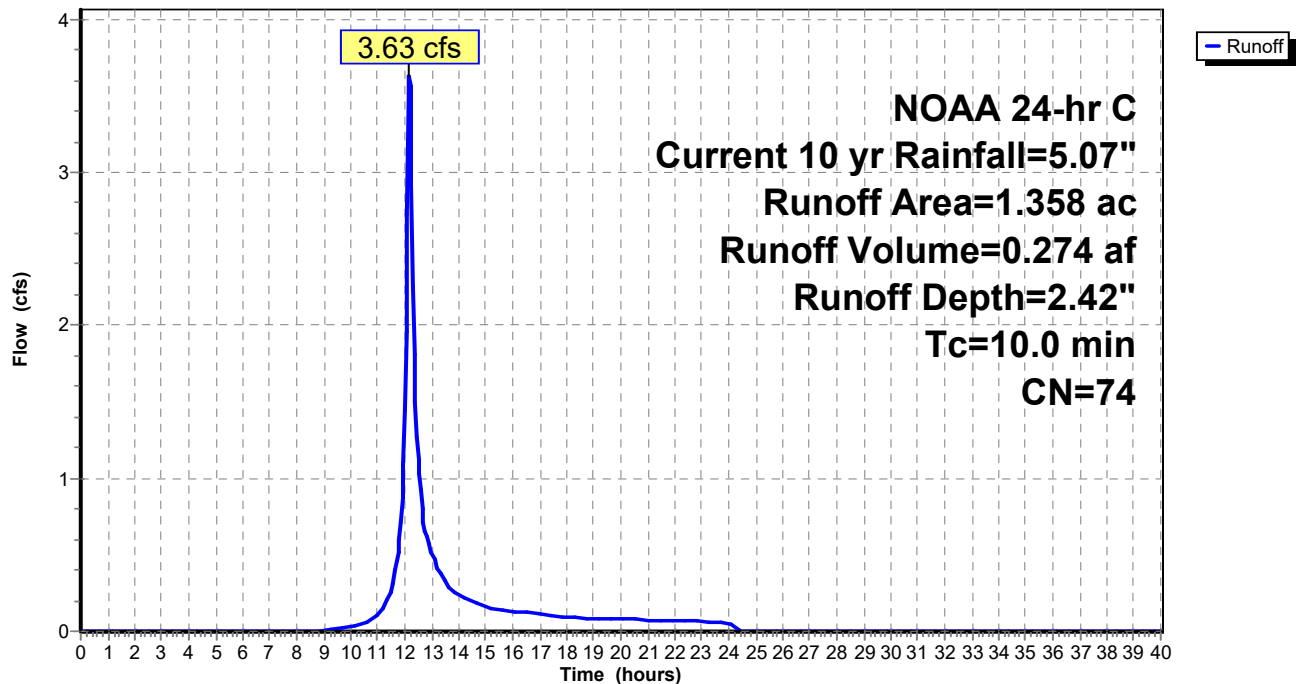
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.50
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.48
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.45
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.43
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.41
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.39
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.37
10.75	1.12	0.04	0.07	13.35	3.98	1.58	0.36
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.34
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.33
10.90	1.18	0.06	0.09	13.50	4.03	1.61	0.32
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.30
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.29
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.28
11.10	1.26	0.08	0.13	13.70	4.08	1.65	0.27
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.26
11.20	1.31	0.09	0.15	13.80	4.10	1.67	0.25
11.25	1.34	0.10	0.17	13.85	4.11	1.68	0.25
11.30	1.37	0.11	0.19	13.90	4.12	1.69	0.24
11.35	1.40	0.12	0.20	13.95	4.13	1.70	0.24
11.40	1.43	0.13	0.22	14.00	4.15	1.70	0.24
11.45	1.47	0.14	0.24	14.05	4.16	1.71	0.23
11.50	1.50	0.15	0.26	14.10	4.17	1.72	0.23
11.55	1.55	0.16	0.28	14.15	4.18	1.73	0.23
11.60	1.60	0.18	0.33	14.20	4.19	1.74	0.22
11.65	1.65	0.20	0.40	14.25	4.20	1.74	0.22
11.70	1.71	0.22	0.46	14.30	4.21	1.75	0.22
11.75	1.78	0.25	0.52	14.35	4.22	1.76	0.21
11.80	1.86	0.29	0.60	14.40	4.23	1.77	0.21
11.85	1.96	0.33	0.72	14.45	4.24	1.77	0.20
11.90	2.06	0.38	0.87	14.50	4.25	1.78	0.20
11.95	2.24	0.47	1.09	14.55	4.26	1.79	0.20
12.00	2.42	0.56	1.45	14.60	4.27	1.79	0.19
12.05	2.71	0.73	1.96	14.65	4.27	1.80	0.19
12.10	3.01	0.91	2.72	14.70	4.28	1.81	0.19
12.15	3.11	0.98	3.52	14.75	4.29	1.81	0.18
12.20	3.21	1.05	3.57	14.80	4.30	1.82	0.18
12.25	3.29	1.10	2.92	14.85	4.31	1.82	0.17
12.30	3.36	1.15	2.26	14.90	4.31	1.83	0.17
12.35	3.42	1.18	1.81	14.95	4.32	1.84	0.17
12.40	3.47	1.22	1.50	15.00	4.33	1.84	0.16
12.45	3.52	1.25	1.27	15.05	4.34	1.85	0.16
12.50	3.57	1.29	1.13	15.10	4.34	1.85	0.16
12.55	3.60	1.31	1.04	15.15	4.35	1.86	0.15
12.60	3.64	1.34	0.93	15.20	4.36	1.86	0.15
12.65	3.67	1.36	0.80	15.25	4.36	1.87	0.15
12.70	3.70	1.38	0.71	15.30	4.37	1.87	0.15
12.75	3.73	1.40	0.65	15.35	4.38	1.88	0.14
12.80	3.76	1.42	0.61	15.40	4.39	1.88	0.14
12.85	3.78	1.44	0.58	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.56	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.53	15.55	4.41	1.90	0.14

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.14	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.14	18.25	4.69	2.12	0.09
15.70	4.42	1.91	0.14	18.30	4.69	2.12	0.09
15.75	4.43	1.92	0.14	18.35	4.70	2.12	0.09
15.80	4.44	1.92	0.14	18.40	4.70	2.13	0.09
15.85	4.44	1.93	0.13	18.45	4.70	2.13	0.09
15.90	4.45	1.93	0.13	18.50	4.71	2.13	0.09
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.08
16.10	4.47	1.95	0.13	18.70	4.72	2.15	0.08
16.15	4.48	1.96	0.13	18.75	4.73	2.15	0.08
16.20	4.49	1.96	0.13	18.80	4.73	2.15	0.08
16.25	4.49	1.97	0.13	18.85	4.74	2.16	0.08
16.30	4.50	1.97	0.13	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.13	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.12	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.12	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.12	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.12	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.12	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.11	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.11	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.11	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.10	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.08
17.70	4.64	2.08	0.10	20.30	4.84	2.24	0.08
17.75	4.65	2.09	0.10	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.10	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.09	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.07
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.07

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.07	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.06
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 6.03 cfs @ 12.17 hrs, Volume= 0.526 af, Depth= 4.83"
 Routed to Pond B-35 : Basin #35

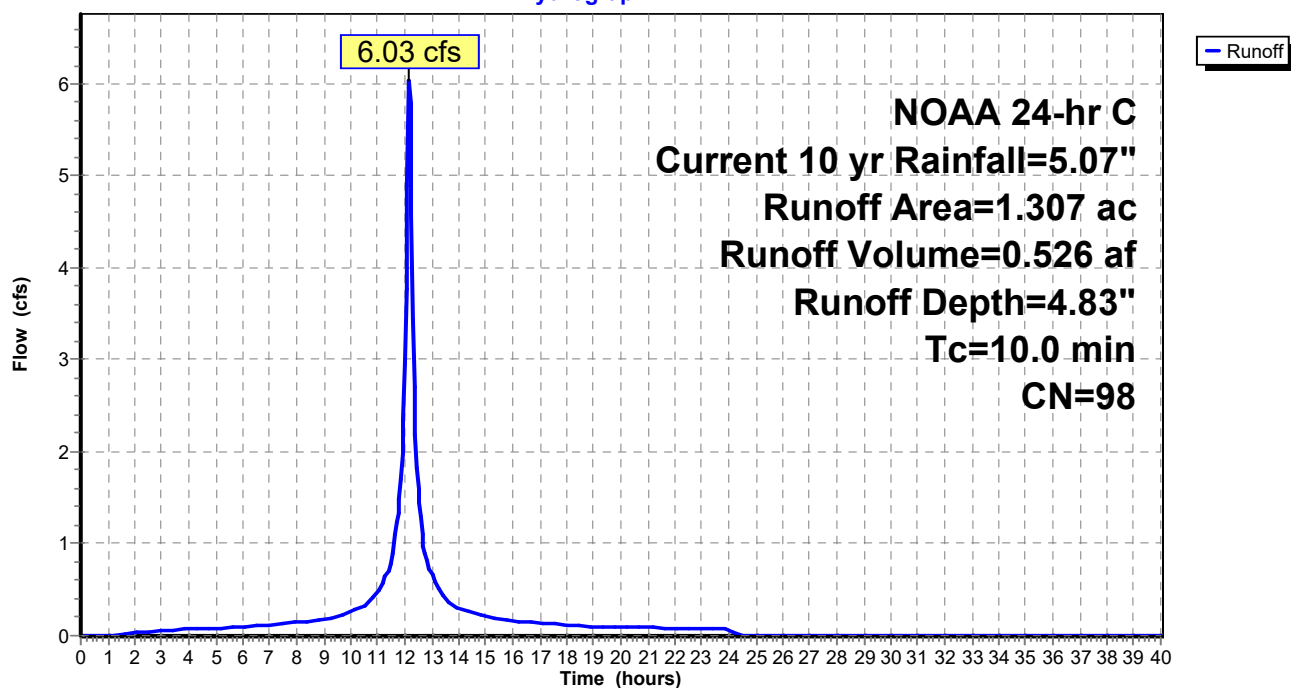
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.05
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.05
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.05
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.05
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.05
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.05
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.05
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.05
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.05
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.05
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.06
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.06
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.06
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.06
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.06
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.06
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.06
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.06
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.06
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.06
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.06
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.06
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.07
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.07
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.07
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.07
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.07
1.35	0.08	0.01	0.02	3.95	0.24	0.10	0.07
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.07
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.07
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.07
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.07
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.07
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.07
1.70	0.10	0.01	0.03	4.30	0.27	0.12	0.07
1.75	0.10	0.01	0.03	4.35	0.27	0.12	0.07
1.80	0.10	0.01	0.03	4.40	0.28	0.13	0.07
1.85	0.11	0.02	0.03	4.45	0.28	0.13	0.08
1.90	0.11	0.02	0.03	4.50	0.28	0.13	0.08
1.95	0.11	0.02	0.03	4.55	0.29	0.14	0.08
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.08
2.05	0.12	0.02	0.04	4.65	0.30	0.14	0.08
2.10	0.12	0.02	0.04	4.70	0.30	0.14	0.08
2.15	0.12	0.02	0.04	4.75	0.30	0.15	0.08
2.20	0.13	0.03	0.04	4.80	0.31	0.15	0.08
2.25	0.13	0.03	0.04	4.85	0.31	0.15	0.08
2.30	0.13	0.03	0.04	4.90	0.31	0.16	0.08
2.35	0.14	0.03	0.04	4.95	0.32	0.16	0.08
2.40	0.14	0.03	0.04	5.00	0.32	0.16	0.08
2.45	0.14	0.03	0.04	5.05	0.33	0.17	0.08
2.50	0.15	0.04	0.04	5.10	0.33	0.17	0.08
2.55	0.15	0.04	0.05	5.15	0.33	0.17	0.08

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.08	7.80	0.58	0.39	0.14
5.25	0.34	0.18	0.08	7.85	0.59	0.40	0.14
5.30	0.35	0.18	0.08	7.90	0.60	0.41	0.14
5.35	0.35	0.19	0.09	7.95	0.60	0.41	0.14
5.40	0.35	0.19	0.09	8.00	0.61	0.42	0.15
5.45	0.36	0.19	0.09	8.05	0.61	0.42	0.15
5.50	0.36	0.20	0.09	8.10	0.62	0.43	0.15
5.55	0.37	0.20	0.09	8.15	0.63	0.43	0.15
5.60	0.37	0.20	0.09	8.20	0.63	0.44	0.15
5.65	0.37	0.21	0.09	8.25	0.64	0.45	0.15
5.70	0.38	0.21	0.09	8.30	0.65	0.45	0.15
5.75	0.38	0.21	0.09	8.35	0.65	0.46	0.16
5.80	0.39	0.22	0.09	8.40	0.66	0.46	0.16
5.85	0.39	0.22	0.09	8.45	0.66	0.47	0.16
5.90	0.39	0.22	0.09	8.50	0.67	0.48	0.16
5.95	0.40	0.23	0.09	8.55	0.68	0.48	0.16
6.00	0.40	0.23	0.09	8.60	0.68	0.49	0.16
6.05	0.41	0.23	0.09	8.65	0.69	0.50	0.16
6.10	0.41	0.24	0.09	8.70	0.70	0.50	0.17
6.15	0.41	0.24	0.09	8.75	0.71	0.51	0.17
6.20	0.42	0.25	0.10	8.80	0.71	0.51	0.17
6.25	0.42	0.25	0.10	8.85	0.72	0.52	0.17
6.30	0.43	0.25	0.10	8.90	0.73	0.53	0.17
6.35	0.43	0.26	0.10	8.95	0.73	0.53	0.17
6.40	0.44	0.26	0.10	9.00	0.74	0.54	0.17
6.45	0.44	0.27	0.10	9.05	0.75	0.55	0.18
6.50	0.45	0.27	0.10	9.10	0.76	0.56	0.18
6.55	0.45	0.27	0.11	9.15	0.76	0.56	0.18
6.60	0.46	0.28	0.11	9.20	0.77	0.57	0.19
6.65	0.46	0.28	0.11	9.25	0.78	0.58	0.19
6.70	0.46	0.29	0.11	9.30	0.79	0.59	0.20
6.75	0.47	0.29	0.11	9.35	0.80	0.59	0.20
6.80	0.47	0.29	0.11	9.40	0.80	0.60	0.21
6.85	0.48	0.30	0.11	9.45	0.81	0.61	0.21
6.90	0.48	0.30	0.12	9.50	0.82	0.62	0.22
6.95	0.49	0.31	0.12	9.55	0.83	0.63	0.22
7.00	0.49	0.31	0.12	9.60	0.84	0.64	0.23
7.05	0.50	0.32	0.12	9.65	0.85	0.65	0.23
7.10	0.50	0.32	0.12	9.70	0.86	0.66	0.24
7.15	0.51	0.33	0.12	9.75	0.87	0.67	0.24
7.20	0.52	0.33	0.12	9.80	0.88	0.68	0.25
7.25	0.52	0.34	0.13	9.85	0.89	0.69	0.25
7.30	0.53	0.34	0.13	9.90	0.90	0.70	0.26
7.35	0.53	0.35	0.13	9.95	0.91	0.71	0.26
7.40	0.54	0.35	0.13	10.00	0.92	0.72	0.27
7.45	0.54	0.36	0.13	10.05	0.94	0.73	0.27
7.50	0.55	0.36	0.13	10.10	0.95	0.74	0.28
7.55	0.55	0.37	0.13	10.15	0.96	0.75	0.28
7.60	0.56	0.37	0.14	10.20	0.97	0.76	0.29
7.65	0.57	0.38	0.14	10.25	0.98	0.77	0.29
7.70	0.57	0.38	0.14	10.30	0.99	0.79	0.30
7.75	0.58	0.39	0.14	10.35	1.01	0.80	0.30

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.31	13.00	3.85	3.62	0.67
10.45	1.03	0.82	0.31	13.05	3.87	3.64	0.64
10.50	1.04	0.83	0.32	13.10	3.89	3.66	0.60
10.55	1.06	0.85	0.32	13.15	3.91	3.68	0.57
10.60	1.07	0.86	0.33	13.20	3.93	3.70	0.54
10.65	1.09	0.88	0.35	13.25	3.95	3.71	0.52
10.70	1.10	0.89	0.37	13.30	3.97	3.73	0.49
10.75	1.12	0.91	0.38	13.35	3.98	3.75	0.47
10.80	1.14	0.93	0.40	13.40	4.00	3.76	0.45
10.85	1.16	0.94	0.42	13.45	4.01	3.78	0.43
10.90	1.18	0.96	0.44	13.50	4.03	3.79	0.42
10.95	1.20	0.98	0.46	13.55	4.04	3.80	0.40
11.00	1.22	1.00	0.48	13.60	4.05	3.82	0.38
11.05	1.24	1.02	0.50	13.65	4.06	3.83	0.36
11.10	1.26	1.05	0.52	13.70	4.08	3.84	0.35
11.15	1.29	1.07	0.55	13.75	4.09	3.85	0.34
11.20	1.31	1.10	0.59	13.80	4.10	3.86	0.33
11.25	1.34	1.12	0.62	13.85	4.11	3.88	0.32
11.30	1.37	1.15	0.66	13.90	4.12	3.89	0.32
11.35	1.40	1.18	0.69	13.95	4.13	3.90	0.31
11.40	1.43	1.21	0.73	14.00	4.15	3.91	0.31
11.45	1.47	1.25	0.76	14.05	4.16	3.92	0.30
11.50	1.50	1.28	0.80	14.10	4.17	3.93	0.30
11.55	1.55	1.33	0.84	14.15	4.18	3.94	0.29
11.60	1.60	1.38	0.95	14.20	4.19	3.95	0.29
11.65	1.65	1.43	1.11	14.25	4.20	3.96	0.28
11.70	1.71	1.49	1.24	14.30	4.21	3.97	0.28
11.75	1.78	1.56	1.34	14.35	4.22	3.98	0.27
11.80	1.86	1.63	1.49	14.40	4.23	3.99	0.27
11.85	1.96	1.73	1.70	14.45	4.24	4.00	0.26
11.90	2.06	1.84	1.98	14.50	4.25	4.01	0.26
11.95	2.24	2.01	2.36	14.55	4.26	4.02	0.25
12.00	2.42	2.19	2.95	14.60	4.27	4.03	0.25
12.05	2.71	2.48	3.76	14.65	4.27	4.04	0.24
12.10	3.01	2.78	4.89	14.70	4.28	4.05	0.24
12.15	3.11	2.88	5.95	14.75	4.29	4.06	0.23
12.20	3.21	2.98	5.79	14.80	4.30	4.06	0.23
12.25	3.29	3.05	4.59	14.85	4.31	4.07	0.22
12.30	3.36	3.13	3.45	14.90	4.31	4.08	0.22
12.35	3.42	3.18	2.71	14.95	4.32	4.09	0.21
12.40	3.47	3.24	2.20	15.00	4.33	4.09	0.21
12.45	3.52	3.29	1.83	15.05	4.34	4.10	0.20
12.50	3.57	3.34	1.60	15.10	4.34	4.11	0.20
12.55	3.60	3.37	1.46	15.15	4.35	4.12	0.19
12.60	3.64	3.40	1.29	15.20	4.36	4.12	0.19
12.65	3.67	3.43	1.11	15.25	4.36	4.13	0.19
12.70	3.70	3.47	0.97	15.30	4.37	4.14	0.18
12.75	3.73	3.49	0.89	15.35	4.38	4.14	0.18
12.80	3.76	3.52	0.83	15.40	4.39	4.15	0.18
12.85	3.78	3.55	0.79	15.45	4.39	4.16	0.18
12.90	3.81	3.57	0.75	15.50	4.40	4.16	0.18
12.95	3.83	3.60	0.71	15.55	4.41	4.17	0.18

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.18	18.20	4.68	4.45	0.11
15.65	4.42	4.18	0.18	18.25	4.69	4.45	0.11
15.70	4.42	4.19	0.17	18.30	4.69	4.46	0.11
15.75	4.43	4.20	0.17	18.35	4.70	4.46	0.11
15.80	4.44	4.20	0.17	18.40	4.70	4.46	0.11
15.85	4.44	4.21	0.17	18.45	4.70	4.47	0.11
15.90	4.45	4.21	0.17	18.50	4.71	4.47	0.11
15.95	4.46	4.22	0.17	18.55	4.71	4.48	0.11
16.00	4.46	4.23	0.17	18.60	4.72	4.48	0.10
16.05	4.47	4.23	0.16	18.65	4.72	4.48	0.10
16.10	4.47	4.24	0.16	18.70	4.72	4.49	0.10
16.15	4.48	4.24	0.16	18.75	4.73	4.49	0.10
16.20	4.49	4.25	0.16	18.80	4.73	4.50	0.10
16.25	4.49	4.26	0.16	18.85	4.74	4.50	0.10
16.30	4.50	4.26	0.16	18.90	4.74	4.50	0.10
16.35	4.50	4.27	0.16	18.95	4.74	4.51	0.10
16.40	4.51	4.27	0.16	19.00	4.75	4.51	0.10
16.45	4.52	4.28	0.15	19.05	4.75	4.51	0.10
16.50	4.52	4.29	0.15	19.10	4.76	4.52	0.10
16.55	4.53	4.29	0.15	19.15	4.76	4.52	0.10
16.60	4.53	4.30	0.15	19.20	4.76	4.53	0.10
16.65	4.54	4.30	0.15	19.25	4.77	4.53	0.10
16.70	4.54	4.31	0.15	19.30	4.77	4.53	0.10
16.75	4.55	4.31	0.15	19.35	4.77	4.54	0.10
16.80	4.55	4.32	0.14	19.40	4.78	4.54	0.10
16.85	4.56	4.32	0.14	19.45	4.78	4.55	0.10
16.90	4.57	4.33	0.14	19.50	4.79	4.55	0.10
16.95	4.57	4.33	0.14	19.55	4.79	4.55	0.10
17.00	4.58	4.34	0.14	19.60	4.79	4.56	0.10
17.05	4.58	4.34	0.14	19.65	4.80	4.56	0.10
17.10	4.59	4.35	0.14	19.70	4.80	4.56	0.10
17.15	4.59	4.35	0.14	19.75	4.80	4.57	0.10
17.20	4.60	4.36	0.13	19.80	4.81	4.57	0.10
17.25	4.60	4.36	0.13	19.85	4.81	4.57	0.10
17.30	4.61	4.37	0.13	19.90	4.81	4.58	0.10
17.35	4.61	4.37	0.13	19.95	4.82	4.58	0.10
17.40	4.61	4.38	0.13	20.00	4.82	4.59	0.10
17.45	4.62	4.38	0.13	20.05	4.83	4.59	0.10
17.50	4.62	4.39	0.13	20.10	4.83	4.59	0.09
17.55	4.63	4.39	0.12	20.15	4.83	4.60	0.09
17.60	4.63	4.40	0.12	20.20	4.84	4.60	0.09
17.65	4.64	4.40	0.12	20.25	4.84	4.60	0.09
17.70	4.64	4.41	0.12	20.30	4.84	4.61	0.09
17.75	4.65	4.41	0.12	20.35	4.85	4.61	0.09
17.80	4.65	4.42	0.12	20.40	4.85	4.61	0.09
17.85	4.66	4.42	0.12	20.45	4.85	4.62	0.09
17.90	4.66	4.42	0.12	20.50	4.86	4.62	0.09
17.95	4.66	4.43	0.11	20.55	4.86	4.62	0.09
18.00	4.67	4.43	0.11	20.60	4.86	4.63	0.09
18.05	4.67	4.44	0.11	20.65	4.87	4.63	0.09
18.10	4.68	4.44	0.11	20.70	4.87	4.63	0.09
18.15	4.68	4.44	0.11	20.75	4.87	4.64	0.09

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.09	23.40	5.04	4.80	0.07
20.85	4.88	4.64	0.09	23.45	5.04	4.80	0.07
20.90	4.88	4.65	0.09	23.50	5.04	4.81	0.07
20.95	4.89	4.65	0.09	23.55	5.04	4.81	0.07
21.00	4.89	4.65	0.09	23.60	5.05	4.81	0.07
21.05	4.89	4.66	0.09	23.65	5.05	4.81	0.07
21.10	4.90	4.66	0.09	23.70	5.05	4.82	0.07
21.15	4.90	4.66	0.09	23.75	5.06	4.82	0.07
21.20	4.90	4.67	0.09	23.80	5.06	4.82	0.07
21.25	4.91	4.67	0.09	23.85	5.06	4.82	0.07
21.30	4.91	4.67	0.09	23.90	5.06	4.83	0.07
21.35	4.91	4.68	0.09	23.95	5.07	4.83	0.07
21.40	4.92	4.68	0.09	24.00	5.07	4.83	0.07
21.45	4.92	4.68	0.09	24.05	5.07	4.83	0.08
21.50	4.92	4.69	0.09	24.10	5.07	4.83	0.06
21.55	4.93	4.69	0.09	24.15	5.07	4.83	0.04
21.60	4.93	4.69	0.08	24.20	5.07	4.83	0.02
21.65	4.93	4.70	0.08	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.08	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.08	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.08	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.08	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.08	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.08	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.08	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.08	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.08	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.08	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.08	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.08	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.08	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.08	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.08	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.08	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.08	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.08	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.08	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.08	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.08	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.08	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.08	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.08	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.08	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.08	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.08	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.08	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.08	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.07	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.07	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.07	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.07	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.07	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 1.74 cfs @ 12.18 hrs, Volume= 0.131 af, Depth= 2.42"
 Routed to Pond B-35 : Basin #35

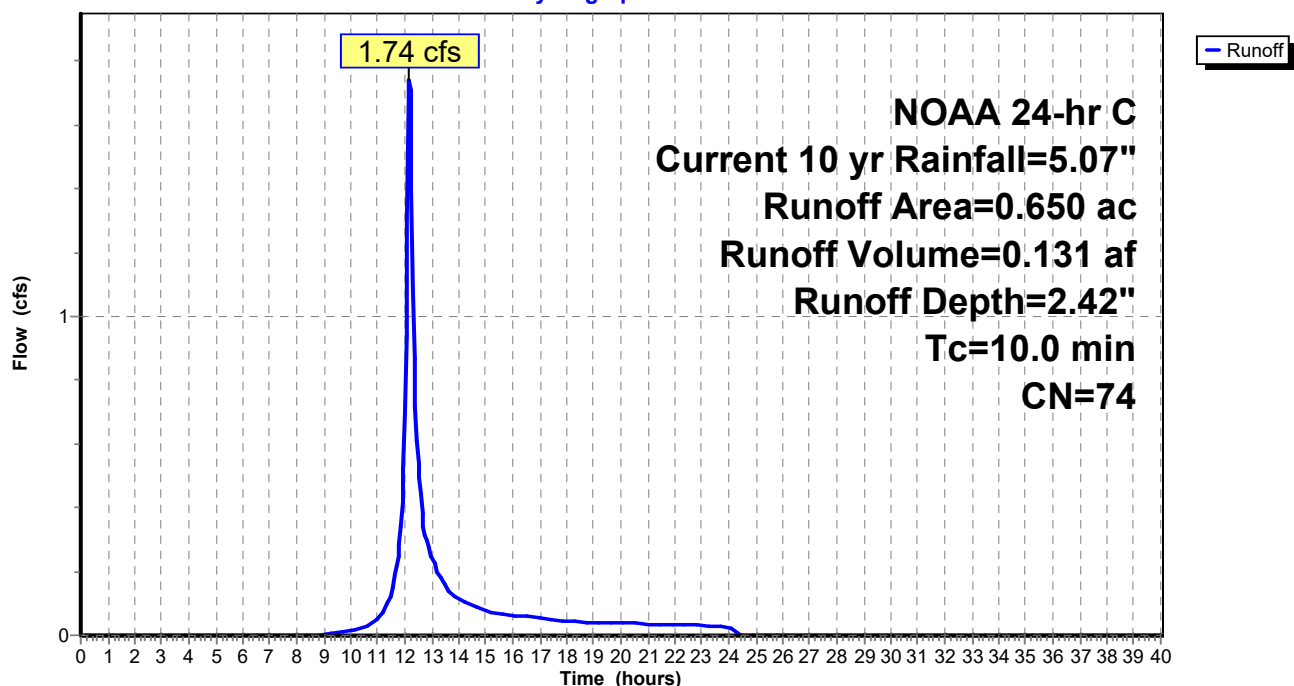
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.01
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.01
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.01
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.02
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.02

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.02	13.00	3.85	1.49	0.24
10.45	1.03	0.03	0.02	13.05	3.87	1.50	0.23
10.50	1.04	0.03	0.02	13.10	3.89	1.52	0.22
10.55	1.06	0.03	0.03	13.15	3.91	1.53	0.20
10.60	1.07	0.04	0.03	13.20	3.93	1.55	0.19
10.65	1.09	0.04	0.03	13.25	3.95	1.56	0.19
10.70	1.10	0.04	0.03	13.30	3.97	1.57	0.18
10.75	1.12	0.04	0.04	13.35	3.98	1.58	0.17
10.80	1.14	0.05	0.04	13.40	4.00	1.59	0.16
10.85	1.16	0.05	0.04	13.45	4.01	1.60	0.16
10.90	1.18	0.06	0.05	13.50	4.03	1.61	0.15
10.95	1.20	0.06	0.05	13.55	4.04	1.62	0.14
11.00	1.22	0.07	0.05	13.60	4.05	1.63	0.14
11.05	1.24	0.07	0.06	13.65	4.06	1.64	0.13
11.10	1.26	0.08	0.06	13.70	4.08	1.65	0.13
11.15	1.29	0.08	0.07	13.75	4.09	1.66	0.12
11.20	1.31	0.09	0.07	13.80	4.10	1.67	0.12
11.25	1.34	0.10	0.08	13.85	4.11	1.68	0.12
11.30	1.37	0.11	0.09	13.90	4.12	1.69	0.12
11.35	1.40	0.12	0.10	13.95	4.13	1.70	0.12
11.40	1.43	0.13	0.11	14.00	4.15	1.70	0.11
11.45	1.47	0.14	0.11	14.05	4.16	1.71	0.11
11.50	1.50	0.15	0.12	14.10	4.17	1.72	0.11
11.55	1.55	0.16	0.13	14.15	4.18	1.73	0.11
11.60	1.60	0.18	0.16	14.20	4.19	1.74	0.11
11.65	1.65	0.20	0.19	14.25	4.20	1.74	0.11
11.70	1.71	0.22	0.22	14.30	4.21	1.75	0.10
11.75	1.78	0.25	0.25	14.35	4.22	1.76	0.10
11.80	1.86	0.29	0.29	14.40	4.23	1.77	0.10
11.85	1.96	0.33	0.34	14.45	4.24	1.77	0.10
11.90	2.06	0.38	0.42	14.50	4.25	1.78	0.10
11.95	2.24	0.47	0.52	14.55	4.26	1.79	0.09
12.00	2.42	0.56	0.69	14.60	4.27	1.79	0.09
12.05	2.71	0.73	0.94	14.65	4.27	1.80	0.09
12.10	3.01	0.91	1.30	14.70	4.28	1.81	0.09
12.15	3.11	0.98	1.68	14.75	4.29	1.81	0.09
12.20	3.21	1.05	1.71	14.80	4.30	1.82	0.09
12.25	3.29	1.10	1.40	14.85	4.31	1.82	0.08
12.30	3.36	1.15	1.08	14.90	4.31	1.83	0.08
12.35	3.42	1.18	0.87	14.95	4.32	1.84	0.08
12.40	3.47	1.22	0.72	15.00	4.33	1.84	0.08
12.45	3.52	1.25	0.61	15.05	4.34	1.85	0.08
12.50	3.57	1.29	0.54	15.10	4.34	1.85	0.07
12.55	3.60	1.31	0.50	15.15	4.35	1.86	0.07
12.60	3.64	1.34	0.44	15.20	4.36	1.86	0.07
12.65	3.67	1.36	0.38	15.25	4.36	1.87	0.07
12.70	3.70	1.38	0.34	15.30	4.37	1.87	0.07
12.75	3.73	1.40	0.31	15.35	4.38	1.88	0.07
12.80	3.76	1.42	0.29	15.40	4.39	1.88	0.07
12.85	3.78	1.44	0.28	15.45	4.39	1.89	0.07
12.90	3.81	1.46	0.27	15.50	4.40	1.89	0.07
12.95	3.83	1.47	0.25	15.55	4.41	1.90	0.07

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.07	18.20	4.68	2.12	0.04
15.65	4.42	1.91	0.07	18.25	4.69	2.12	0.04
15.70	4.42	1.91	0.07	18.30	4.69	2.12	0.04
15.75	4.43	1.92	0.07	18.35	4.70	2.12	0.04
15.80	4.44	1.92	0.07	18.40	4.70	2.13	0.04
15.85	4.44	1.93	0.06	18.45	4.70	2.13	0.04
15.90	4.45	1.93	0.06	18.50	4.71	2.13	0.04
15.95	4.46	1.94	0.06	18.55	4.71	2.14	0.04
16.00	4.46	1.94	0.06	18.60	4.72	2.14	0.04
16.05	4.47	1.95	0.06	18.65	4.72	2.14	0.04
16.10	4.47	1.95	0.06	18.70	4.72	2.15	0.04
16.15	4.48	1.96	0.06	18.75	4.73	2.15	0.04
16.20	4.49	1.96	0.06	18.80	4.73	2.15	0.04
16.25	4.49	1.97	0.06	18.85	4.74	2.16	0.04
16.30	4.50	1.97	0.06	18.90	4.74	2.16	0.04
16.35	4.50	1.98	0.06	18.95	4.74	2.16	0.04
16.40	4.51	1.98	0.06	19.00	4.75	2.16	0.04
16.45	4.52	1.98	0.06	19.05	4.75	2.17	0.04
16.50	4.52	1.99	0.06	19.10	4.76	2.17	0.04
16.55	4.53	1.99	0.06	19.15	4.76	2.17	0.04
16.60	4.53	2.00	0.06	19.20	4.76	2.18	0.04
16.65	4.54	2.00	0.06	19.25	4.77	2.18	0.04
16.70	4.54	2.01	0.06	19.30	4.77	2.18	0.04
16.75	4.55	2.01	0.06	19.35	4.77	2.19	0.04
16.80	4.55	2.01	0.06	19.40	4.78	2.19	0.04
16.85	4.56	2.02	0.06	19.45	4.78	2.19	0.04
16.90	4.57	2.02	0.05	19.50	4.79	2.19	0.04
16.95	4.57	2.03	0.05	19.55	4.79	2.20	0.04
17.00	4.58	2.03	0.05	19.60	4.79	2.20	0.04
17.05	4.58	2.03	0.05	19.65	4.80	2.20	0.04
17.10	4.59	2.04	0.05	19.70	4.80	2.21	0.04
17.15	4.59	2.04	0.05	19.75	4.80	2.21	0.04
17.20	4.60	2.05	0.05	19.80	4.81	2.21	0.04
17.25	4.60	2.05	0.05	19.85	4.81	2.21	0.04
17.30	4.61	2.05	0.05	19.90	4.81	2.22	0.04
17.35	4.61	2.06	0.05	19.95	4.82	2.22	0.04
17.40	4.61	2.06	0.05	20.00	4.82	2.22	0.04
17.45	4.62	2.06	0.05	20.05	4.83	2.23	0.04
17.50	4.62	2.07	0.05	20.10	4.83	2.23	0.04
17.55	4.63	2.07	0.05	20.15	4.83	2.23	0.04
17.60	4.63	2.08	0.05	20.20	4.84	2.23	0.04
17.65	4.64	2.08	0.05	20.25	4.84	2.24	0.04
17.70	4.64	2.08	0.05	20.30	4.84	2.24	0.04
17.75	4.65	2.09	0.05	20.35	4.85	2.24	0.04
17.80	4.65	2.09	0.05	20.40	4.85	2.25	0.04
17.85	4.66	2.09	0.05	20.45	4.85	2.25	0.04
17.90	4.66	2.10	0.04	20.50	4.86	2.25	0.04
17.95	4.66	2.10	0.04	20.55	4.86	2.25	0.04
18.00	4.67	2.10	0.04	20.60	4.86	2.26	0.04
18.05	4.67	2.11	0.04	20.65	4.87	2.26	0.04
18.10	4.68	2.11	0.04	20.70	4.87	2.26	0.04
18.15	4.68	2.11	0.04	20.75	4.87	2.26	0.04

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.04	23.40	5.04	2.39	0.03
20.85	4.88	2.27	0.04	23.45	5.04	2.40	0.03
20.90	4.88	2.27	0.04	23.50	5.04	2.40	0.03
20.95	4.89	2.28	0.04	23.55	5.04	2.40	0.03
21.00	4.89	2.28	0.03	23.60	5.05	2.40	0.03
21.05	4.89	2.28	0.03	23.65	5.05	2.40	0.03
21.10	4.90	2.28	0.03	23.70	5.05	2.41	0.03
21.15	4.90	2.29	0.03	23.75	5.06	2.41	0.03
21.20	4.90	2.29	0.03	23.80	5.06	2.41	0.03
21.25	4.91	2.29	0.03	23.85	5.06	2.41	0.03
21.30	4.91	2.29	0.03	23.90	5.06	2.42	0.03
21.35	4.91	2.30	0.03	23.95	5.07	2.42	0.03
21.40	4.92	2.30	0.03	24.00	5.07	2.42	0.03
21.45	4.92	2.30	0.03	24.05	5.07	2.42	0.03
21.50	4.92	2.30	0.03	24.10	5.07	2.42	0.02
21.55	4.93	2.31	0.03	24.15	5.07	2.42	0.01
21.60	4.93	2.31	0.03	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.03	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.03	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.03	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.03	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.03	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.03	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.03	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.03	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.03	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.03	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.03	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.03	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.03	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.03	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.03	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.03	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.03	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.03	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.03	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.03	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.03	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.03	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.03	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.03	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.03	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.03	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.03	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.03	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.03	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.03	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.03	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.03	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.03	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.03	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.03	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 36AI: PDA-36A (impervious)

Runoff = 4.46 cfs @ 12.17 hrs, Volume= 0.389 af, Depth= 4.83"
 Routed to Pond B-36A : Basin #36A

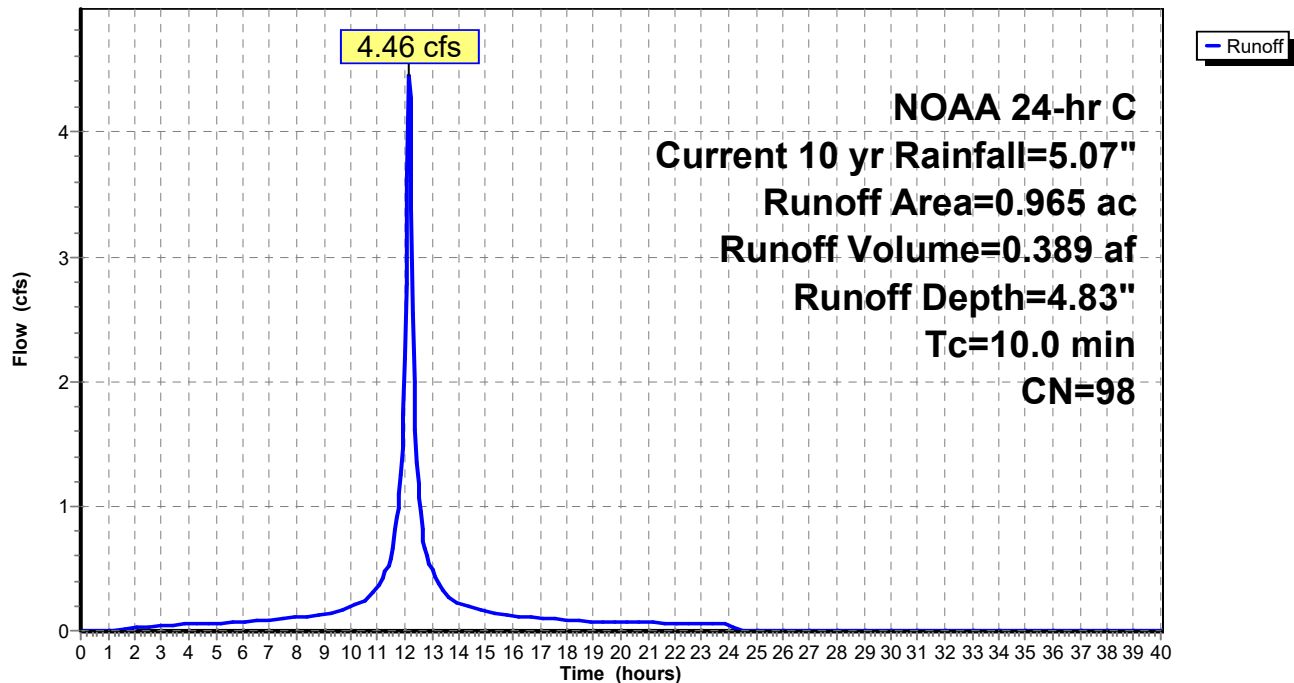
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.132	98	Concrete, HSC C
0.965	98	Weighted Average
0.965		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36AI: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.04
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.04
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.04
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.04
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.04
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.04
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.05
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.05
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.05
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.05
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.05
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.05
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.05
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.05
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.05
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.05
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.05
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.06
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.06
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.06
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.06
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.06
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.06
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.06
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.06
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.06
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.06
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.06
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.06
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.06
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.06
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.06
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.06

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.11
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.11
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.11
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.11
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.11
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.11
5.60	0.37	0.20	0.07	8.20	0.63	0.44	0.11
5.65	0.37	0.21	0.07	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.07	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.07	8.35	0.65	0.46	0.12
5.80	0.39	0.22	0.07	8.40	0.66	0.46	0.12
5.85	0.39	0.22	0.07	8.45	0.66	0.47	0.12
5.90	0.39	0.22	0.07	8.50	0.67	0.48	0.12
5.95	0.40	0.23	0.07	8.55	0.68	0.48	0.12
6.00	0.40	0.23	0.07	8.60	0.68	0.49	0.12
6.05	0.41	0.23	0.07	8.65	0.69	0.50	0.12
6.10	0.41	0.24	0.07	8.70	0.70	0.50	0.12
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.13
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.13
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.13
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.13
6.45	0.44	0.27	0.08	9.05	0.75	0.55	0.13
6.50	0.45	0.27	0.08	9.10	0.76	0.56	0.13
6.55	0.45	0.27	0.08	9.15	0.76	0.56	0.14
6.60	0.46	0.28	0.08	9.20	0.77	0.57	0.14
6.65	0.46	0.28	0.08	9.25	0.78	0.58	0.14
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.15
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.15
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.15
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.16
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.16
6.95	0.49	0.31	0.09	9.55	0.83	0.63	0.16
7.00	0.49	0.31	0.09	9.60	0.84	0.64	0.17
7.05	0.50	0.32	0.09	9.65	0.85	0.65	0.17
7.10	0.50	0.32	0.09	9.70	0.86	0.66	0.17
7.15	0.51	0.33	0.09	9.75	0.87	0.67	0.18
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.18
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.19
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.19
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.19
7.40	0.54	0.35	0.10	10.00	0.92	0.72	0.20
7.45	0.54	0.36	0.10	10.05	0.94	0.73	0.20
7.50	0.55	0.36	0.10	10.10	0.95	0.74	0.20
7.55	0.55	0.37	0.10	10.15	0.96	0.75	0.21
7.60	0.56	0.37	0.10	10.20	0.97	0.76	0.21
7.65	0.57	0.38	0.10	10.25	0.98	0.77	0.22
7.70	0.57	0.38	0.10	10.30	0.99	0.79	0.22
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.22

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.23	13.00	3.85	3.62	0.50
10.45	1.03	0.82	0.23	13.05	3.87	3.64	0.47
10.50	1.04	0.83	0.23	13.10	3.89	3.66	0.45
10.55	1.06	0.85	0.24	13.15	3.91	3.68	0.42
10.60	1.07	0.86	0.25	13.20	3.93	3.70	0.40
10.65	1.09	0.88	0.26	13.25	3.95	3.71	0.38
10.70	1.10	0.89	0.27	13.30	3.97	3.73	0.36
10.75	1.12	0.91	0.28	13.35	3.98	3.75	0.35
10.80	1.14	0.93	0.30	13.40	4.00	3.76	0.33
10.85	1.16	0.94	0.31	13.45	4.01	3.78	0.32
10.90	1.18	0.96	0.32	13.50	4.03	3.79	0.31
10.95	1.20	0.98	0.34	13.55	4.04	3.80	0.29
11.00	1.22	1.00	0.35	13.60	4.05	3.82	0.28
11.05	1.24	1.02	0.37	13.65	4.06	3.83	0.27
11.10	1.26	1.05	0.39	13.70	4.08	3.84	0.26
11.15	1.29	1.07	0.41	13.75	4.09	3.85	0.25
11.20	1.31	1.10	0.43	13.80	4.10	3.86	0.24
11.25	1.34	1.12	0.46	13.85	4.11	3.88	0.24
11.30	1.37	1.15	0.49	13.90	4.12	3.89	0.23
11.35	1.40	1.18	0.51	13.95	4.13	3.90	0.23
11.40	1.43	1.21	0.54	14.00	4.15	3.91	0.23
11.45	1.47	1.25	0.56	14.05	4.16	3.92	0.22
11.50	1.50	1.28	0.59	14.10	4.17	3.93	0.22
11.55	1.55	1.33	0.62	14.15	4.18	3.94	0.22
11.60	1.60	1.38	0.70	14.20	4.19	3.95	0.21
11.65	1.65	1.43	0.82	14.25	4.20	3.96	0.21
11.70	1.71	1.49	0.92	14.30	4.21	3.97	0.20
11.75	1.78	1.56	0.99	14.35	4.22	3.98	0.20
11.80	1.86	1.63	1.10	14.40	4.23	3.99	0.20
11.85	1.96	1.73	1.25	14.45	4.24	4.00	0.19
11.90	2.06	1.84	1.46	14.50	4.25	4.01	0.19
11.95	2.24	2.01	1.74	14.55	4.26	4.02	0.19
12.00	2.42	2.19	2.18	14.60	4.27	4.03	0.18
12.05	2.71	2.48	2.78	14.65	4.27	4.04	0.18
12.10	3.01	2.78	3.61	14.70	4.28	4.05	0.18
12.15	3.11	2.88	4.40	14.75	4.29	4.06	0.17
12.20	3.21	2.98	4.27	14.80	4.30	4.06	0.17
12.25	3.29	3.05	3.39	14.85	4.31	4.07	0.16
12.30	3.36	3.13	2.55	14.90	4.31	4.08	0.16
12.35	3.42	3.18	2.00	14.95	4.32	4.09	0.16
12.40	3.47	3.24	1.62	15.00	4.33	4.09	0.15
12.45	3.52	3.29	1.35	15.05	4.34	4.10	0.15
12.50	3.57	3.34	1.18	15.10	4.34	4.11	0.15
12.55	3.60	3.37	1.07	15.15	4.35	4.12	0.14
12.60	3.64	3.40	0.95	15.20	4.36	4.12	0.14
12.65	3.67	3.43	0.82	15.25	4.36	4.13	0.14
12.70	3.70	3.47	0.72	15.30	4.37	4.14	0.14
12.75	3.73	3.49	0.66	15.35	4.38	4.14	0.14
12.80	3.76	3.52	0.62	15.40	4.39	4.15	0.13
12.85	3.78	3.55	0.58	15.45	4.39	4.16	0.13
12.90	3.81	3.57	0.55	15.50	4.40	4.16	0.13
12.95	3.83	3.60	0.53	15.55	4.41	4.17	0.13

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.13	18.20	4.68	4.45	0.08
15.65	4.42	4.18	0.13	18.25	4.69	4.45	0.08
15.70	4.42	4.19	0.13	18.30	4.69	4.46	0.08
15.75	4.43	4.20	0.13	18.35	4.70	4.46	0.08
15.80	4.44	4.20	0.13	18.40	4.70	4.46	0.08
15.85	4.44	4.21	0.13	18.45	4.70	4.47	0.08
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.08
15.95	4.46	4.22	0.12	18.55	4.71	4.48	0.08
16.00	4.46	4.23	0.12	18.60	4.72	4.48	0.08
16.05	4.47	4.23	0.12	18.65	4.72	4.48	0.08
16.10	4.47	4.24	0.12	18.70	4.72	4.49	0.08
16.15	4.48	4.24	0.12	18.75	4.73	4.49	0.08
16.20	4.49	4.25	0.12	18.80	4.73	4.50	0.08
16.25	4.49	4.26	0.12	18.85	4.74	4.50	0.08
16.30	4.50	4.26	0.12	18.90	4.74	4.50	0.08
16.35	4.50	4.27	0.12	18.95	4.74	4.51	0.08
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.08
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.08
16.50	4.52	4.29	0.11	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.11	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.11	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.11	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.11	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.11	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.11	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.11	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.10	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.10	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.10	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.10	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.10	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.10	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.10	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.07
17.60	4.63	4.40	0.09	20.20	4.84	4.60	0.07
17.65	4.64	4.40	0.09	20.25	4.84	4.60	0.07
17.70	4.64	4.41	0.09	20.30	4.84	4.61	0.07
17.75	4.65	4.41	0.09	20.35	4.85	4.61	0.07
17.80	4.65	4.42	0.09	20.40	4.85	4.61	0.07
17.85	4.66	4.42	0.09	20.45	4.85	4.62	0.07
17.90	4.66	4.42	0.09	20.50	4.86	4.62	0.07
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.07
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.07
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.07
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.07
18.15	4.68	4.44	0.08	20.75	4.87	4.64	0.07

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.07	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.07	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.07	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.07	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.07	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.07	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.07	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.06
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.05
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.06	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.06	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.06	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.06	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.06	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.06	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.06	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.06	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.06	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.06	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.06	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.06	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.06	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.06	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.06	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.06	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.06	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 3.78 cfs @ 12.18 hrs, Volume= 0.285 af, Depth= 2.42"
 Routed to Pond B-36A : Basin #36A

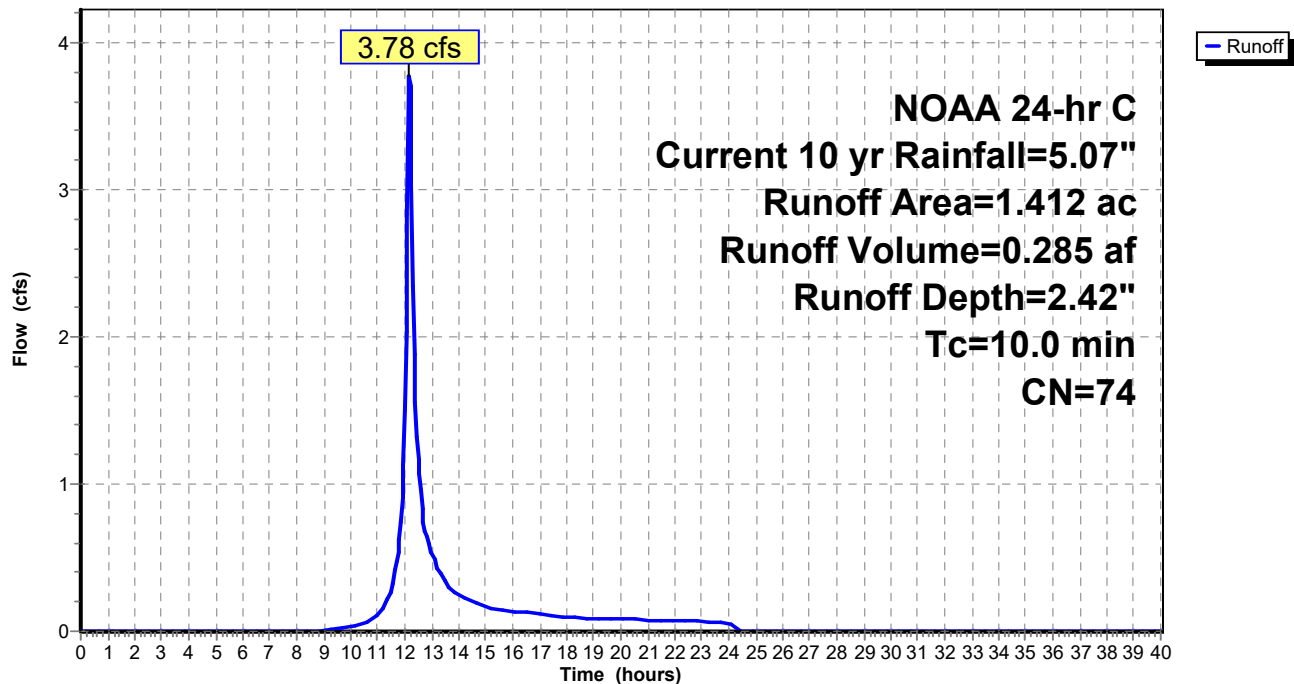
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.412	74	>75% Grass cover, Good, HSG C
1.412		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.52
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.50
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.47
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.44
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.42
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.40
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.39
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.37
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.36
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.34
10.90	1.18	0.06	0.10	13.50	4.03	1.61	0.33
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.31
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.30
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.29
11.10	1.26	0.08	0.13	13.70	4.08	1.65	0.28
11.15	1.29	0.08	0.15	13.75	4.09	1.66	0.27
11.20	1.31	0.09	0.16	13.80	4.10	1.67	0.26
11.25	1.34	0.10	0.18	13.85	4.11	1.68	0.26
11.30	1.37	0.11	0.19	13.90	4.12	1.69	0.25
11.35	1.40	0.12	0.21	13.95	4.13	1.70	0.25
11.40	1.43	0.13	0.23	14.00	4.15	1.70	0.25
11.45	1.47	0.14	0.25	14.05	4.16	1.71	0.24
11.50	1.50	0.15	0.27	14.10	4.17	1.72	0.24
11.55	1.55	0.16	0.29	14.15	4.18	1.73	0.24
11.60	1.60	0.18	0.34	14.20	4.19	1.74	0.23
11.65	1.65	0.20	0.42	14.25	4.20	1.74	0.23
11.70	1.71	0.22	0.48	14.30	4.21	1.75	0.22
11.75	1.78	0.25	0.54	14.35	4.22	1.76	0.22
11.80	1.86	0.29	0.62	14.40	4.23	1.77	0.22
11.85	1.96	0.33	0.74	14.45	4.24	1.77	0.21
11.90	2.06	0.38	0.91	14.50	4.25	1.78	0.21
11.95	2.24	0.47	1.14	14.55	4.26	1.79	0.21
12.00	2.42	0.56	1.51	14.60	4.27	1.79	0.20
12.05	2.71	0.73	2.04	14.65	4.27	1.80	0.20
12.10	3.01	0.91	2.83	14.70	4.28	1.81	0.19
12.15	3.11	0.98	3.66	14.75	4.29	1.81	0.19
12.20	3.21	1.05	3.71	14.80	4.30	1.82	0.19
12.25	3.29	1.10	3.03	14.85	4.31	1.82	0.18
12.30	3.36	1.15	2.35	14.90	4.31	1.83	0.18
12.35	3.42	1.18	1.89	14.95	4.32	1.84	0.17
12.40	3.47	1.22	1.56	15.00	4.33	1.84	0.17
12.45	3.52	1.25	1.32	15.05	4.34	1.85	0.17
12.50	3.57	1.29	1.17	15.10	4.34	1.85	0.16
12.55	3.60	1.31	1.08	15.15	4.35	1.86	0.16
12.60	3.64	1.34	0.96	15.20	4.36	1.86	0.16
12.65	3.67	1.36	0.83	15.25	4.36	1.87	0.15
12.70	3.70	1.38	0.73	15.30	4.37	1.87	0.15
12.75	3.73	1.40	0.68	15.35	4.38	1.88	0.15
12.80	3.76	1.42	0.64	15.40	4.39	1.88	0.15
12.85	3.78	1.44	0.61	15.45	4.39	1.89	0.15
12.90	3.81	1.46	0.58	15.50	4.40	1.89	0.15
12.95	3.83	1.47	0.55	15.55	4.41	1.90	0.15

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.15	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.14	18.25	4.69	2.12	0.09
15.70	4.42	1.91	0.14	18.30	4.69	2.12	0.09
15.75	4.43	1.92	0.14	18.35	4.70	2.12	0.09
15.80	4.44	1.92	0.14	18.40	4.70	2.13	0.09
15.85	4.44	1.93	0.14	18.45	4.70	2.13	0.09
15.90	4.45	1.93	0.14	18.50	4.71	2.13	0.09
15.95	4.46	1.94	0.14	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.14	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.14	18.65	4.72	2.14	0.09
16.10	4.47	1.95	0.14	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.13	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.13	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.13	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.13	18.90	4.74	2.16	0.09
16.35	4.50	1.98	0.13	18.95	4.74	2.16	0.09
16.40	4.51	1.98	0.13	19.00	4.75	2.16	0.09
16.45	4.52	1.98	0.13	19.05	4.75	2.17	0.09
16.50	4.52	1.99	0.13	19.10	4.76	2.17	0.09
16.55	4.53	1.99	0.13	19.15	4.76	2.17	0.09
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.09
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.09
16.70	4.54	2.01	0.12	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.12	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.12	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.12	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.12	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.12	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.12	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.12	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.11	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.11	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.11	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.11	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.11	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.11	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.08
17.70	4.64	2.08	0.10	20.30	4.84	2.24	0.08
17.75	4.65	2.09	0.10	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.10	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.10	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.10	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.10	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.10	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.08	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.08	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.08	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.08	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.08	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.08	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.07	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 5.31 cfs @ 12.17 hrs, Volume= 0.463 af, Depth= 4.83"
 Routed to Pond B-36B : Basin #36B

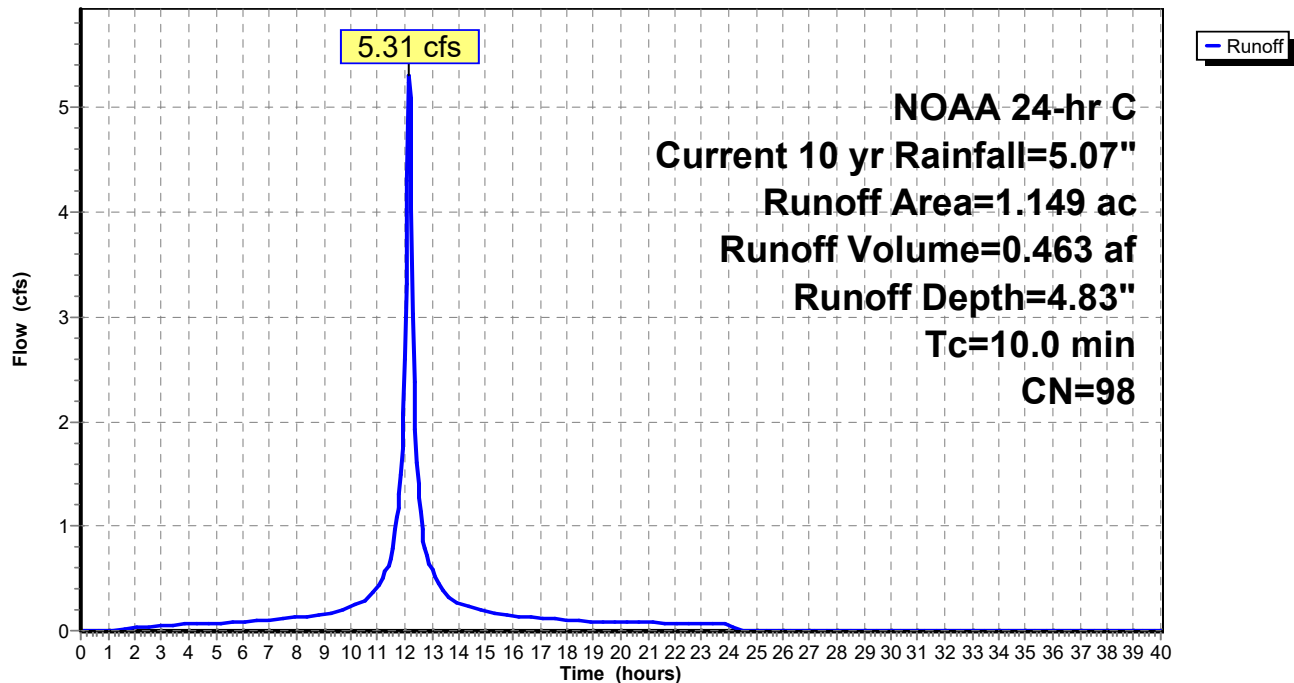
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.04
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.04
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.04
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.04
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.05
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.05
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.05
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.05
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.05
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.05
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.05
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.05
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.05
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.05
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.05
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.05
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.05
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.05
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.06
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.06
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.06
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.06
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.06
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.06
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.06
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.06
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.06
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.06
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.06
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.06
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.06
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.06
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.06
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.06
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.07
1.80	0.10	0.01	0.03	4.40	0.28	0.13	0.07
1.85	0.11	0.02	0.03	4.45	0.28	0.13	0.07
1.90	0.11	0.02	0.03	4.50	0.28	0.13	0.07
1.95	0.11	0.02	0.03	4.55	0.29	0.14	0.07
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.07
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.07
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.07
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.07
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.07
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.07
2.30	0.13	0.03	0.04	4.90	0.31	0.16	0.07
2.35	0.14	0.03	0.04	4.95	0.32	0.16	0.07
2.40	0.14	0.03	0.04	5.00	0.32	0.16	0.07
2.45	0.14	0.03	0.04	5.05	0.33	0.17	0.07
2.50	0.15	0.04	0.04	5.10	0.33	0.17	0.07
2.55	0.15	0.04	0.04	5.15	0.33	0.17	0.07

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.07	7.80	0.58	0.39	0.12
5.25	0.34	0.18	0.07	7.85	0.59	0.40	0.12
5.30	0.35	0.18	0.07	7.90	0.60	0.41	0.13
5.35	0.35	0.19	0.08	7.95	0.60	0.41	0.13
5.40	0.35	0.19	0.08	8.00	0.61	0.42	0.13
5.45	0.36	0.19	0.08	8.05	0.61	0.42	0.13
5.50	0.36	0.20	0.08	8.10	0.62	0.43	0.13
5.55	0.37	0.20	0.08	8.15	0.63	0.43	0.13
5.60	0.37	0.20	0.08	8.20	0.63	0.44	0.13
5.65	0.37	0.21	0.08	8.25	0.64	0.45	0.13
5.70	0.38	0.21	0.08	8.30	0.65	0.45	0.14
5.75	0.38	0.21	0.08	8.35	0.65	0.46	0.14
5.80	0.39	0.22	0.08	8.40	0.66	0.46	0.14
5.85	0.39	0.22	0.08	8.45	0.66	0.47	0.14
5.90	0.39	0.22	0.08	8.50	0.67	0.48	0.14
5.95	0.40	0.23	0.08	8.55	0.68	0.48	0.14
6.00	0.40	0.23	0.08	8.60	0.68	0.49	0.14
6.05	0.41	0.23	0.08	8.65	0.69	0.50	0.14
6.10	0.41	0.24	0.08	8.70	0.70	0.50	0.15
6.15	0.41	0.24	0.08	8.75	0.71	0.51	0.15
6.20	0.42	0.25	0.08	8.80	0.71	0.51	0.15
6.25	0.42	0.25	0.09	8.85	0.72	0.52	0.15
6.30	0.43	0.25	0.09	8.90	0.73	0.53	0.15
6.35	0.43	0.26	0.09	8.95	0.73	0.53	0.15
6.40	0.44	0.26	0.09	9.00	0.74	0.54	0.15
6.45	0.44	0.27	0.09	9.05	0.75	0.55	0.16
6.50	0.45	0.27	0.09	9.10	0.76	0.56	0.16
6.55	0.45	0.27	0.09	9.15	0.76	0.56	0.16
6.60	0.46	0.28	0.09	9.20	0.77	0.57	0.16
6.65	0.46	0.28	0.10	9.25	0.78	0.58	0.17
6.70	0.46	0.29	0.10	9.30	0.79	0.59	0.17
6.75	0.47	0.29	0.10	9.35	0.80	0.59	0.18
6.80	0.47	0.29	0.10	9.40	0.80	0.60	0.18
6.85	0.48	0.30	0.10	9.45	0.81	0.61	0.19
6.90	0.48	0.30	0.10	9.50	0.82	0.62	0.19
6.95	0.49	0.31	0.10	9.55	0.83	0.63	0.19
7.00	0.49	0.31	0.10	9.60	0.84	0.64	0.20
7.05	0.50	0.32	0.11	9.65	0.85	0.65	0.20
7.10	0.50	0.32	0.11	9.70	0.86	0.66	0.21
7.15	0.51	0.33	0.11	9.75	0.87	0.67	0.21
7.20	0.52	0.33	0.11	9.80	0.88	0.68	0.22
7.25	0.52	0.34	0.11	9.85	0.89	0.69	0.22
7.30	0.53	0.34	0.11	9.90	0.90	0.70	0.23
7.35	0.53	0.35	0.11	9.95	0.91	0.71	0.23
7.40	0.54	0.35	0.11	10.00	0.92	0.72	0.23
7.45	0.54	0.36	0.11	10.05	0.94	0.73	0.24
7.50	0.55	0.36	0.12	10.10	0.95	0.74	0.24
7.55	0.55	0.37	0.12	10.15	0.96	0.75	0.25
7.60	0.56	0.37	0.12	10.20	0.97	0.76	0.25
7.65	0.57	0.38	0.12	10.25	0.98	0.77	0.26
7.70	0.57	0.38	0.12	10.30	0.99	0.79	0.26
7.75	0.58	0.39	0.12	10.35	1.01	0.80	0.27

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.27	13.00	3.85	3.62	0.59
10.45	1.03	0.82	0.27	13.05	3.87	3.64	0.56
10.50	1.04	0.83	0.28	13.10	3.89	3.66	0.53
10.55	1.06	0.85	0.28	13.15	3.91	3.68	0.50
10.60	1.07	0.86	0.29	13.20	3.93	3.70	0.47
10.65	1.09	0.88	0.31	13.25	3.95	3.71	0.45
10.70	1.10	0.89	0.32	13.30	3.97	3.73	0.43
10.75	1.12	0.91	0.34	13.35	3.98	3.75	0.42
10.80	1.14	0.93	0.35	13.40	4.00	3.76	0.40
10.85	1.16	0.94	0.37	13.45	4.01	3.78	0.38
10.90	1.18	0.96	0.39	13.50	4.03	3.79	0.37
10.95	1.20	0.98	0.40	13.55	4.04	3.80	0.35
11.00	1.22	1.00	0.42	13.60	4.05	3.82	0.33
11.05	1.24	1.02	0.44	13.65	4.06	3.83	0.32
11.10	1.26	1.05	0.46	13.70	4.08	3.84	0.30
11.15	1.29	1.07	0.49	13.75	4.09	3.85	0.30
11.20	1.31	1.10	0.52	13.80	4.10	3.86	0.29
11.25	1.34	1.12	0.55	13.85	4.11	3.88	0.28
11.30	1.37	1.15	0.58	13.90	4.12	3.89	0.28
11.35	1.40	1.18	0.61	13.95	4.13	3.90	0.27
11.40	1.43	1.21	0.64	14.00	4.15	3.91	0.27
11.45	1.47	1.25	0.67	14.05	4.16	3.92	0.27
11.50	1.50	1.28	0.70	14.10	4.17	3.93	0.26
11.55	1.55	1.33	0.74	14.15	4.18	3.94	0.26
11.60	1.60	1.38	0.84	14.20	4.19	3.95	0.25
11.65	1.65	1.43	0.98	14.25	4.20	3.96	0.25
11.70	1.71	1.49	1.09	14.30	4.21	3.97	0.24
11.75	1.78	1.56	1.18	14.35	4.22	3.98	0.24
11.80	1.86	1.63	1.31	14.40	4.23	3.99	0.23
11.85	1.96	1.73	1.49	14.45	4.24	4.00	0.23
11.90	2.06	1.84	1.74	14.50	4.25	4.01	0.23
11.95	2.24	2.01	2.07	14.55	4.26	4.02	0.22
12.00	2.42	2.19	2.60	14.60	4.27	4.03	0.22
12.05	2.71	2.48	3.31	14.65	4.27	4.04	0.21
12.10	3.01	2.78	4.30	14.70	4.28	4.05	0.21
12.15	3.11	2.88	5.23	14.75	4.29	4.06	0.20
12.20	3.21	2.98	5.09	14.80	4.30	4.06	0.20
12.25	3.29	3.05	4.03	14.85	4.31	4.07	0.20
12.30	3.36	3.13	3.04	14.90	4.31	4.08	0.19
12.35	3.42	3.18	2.38	14.95	4.32	4.09	0.19
12.40	3.47	3.24	1.93	15.00	4.33	4.09	0.18
12.45	3.52	3.29	1.61	15.05	4.34	4.10	0.18
12.50	3.57	3.34	1.41	15.10	4.34	4.11	0.17
12.55	3.60	3.37	1.28	15.15	4.35	4.12	0.17
12.60	3.64	3.40	1.13	15.20	4.36	4.12	0.17
12.65	3.67	3.43	0.97	15.25	4.36	4.13	0.16
12.70	3.70	3.47	0.85	15.30	4.37	4.14	0.16
12.75	3.73	3.49	0.78	15.35	4.38	4.14	0.16
12.80	3.76	3.52	0.73	15.40	4.39	4.15	0.16
12.85	3.78	3.55	0.69	15.45	4.39	4.16	0.16
12.90	3.81	3.57	0.66	15.50	4.40	4.16	0.16
12.95	3.83	3.60	0.63	15.55	4.41	4.17	0.16

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.16	18.20	4.68	4.45	0.09
15.65	4.42	4.18	0.15	18.25	4.69	4.45	0.09
15.70	4.42	4.19	0.15	18.30	4.69	4.46	0.09
15.75	4.43	4.20	0.15	18.35	4.70	4.46	0.09
15.80	4.44	4.20	0.15	18.40	4.70	4.46	0.09
15.85	4.44	4.21	0.15	18.45	4.70	4.47	0.09
15.90	4.45	4.21	0.15	18.50	4.71	4.47	0.09
15.95	4.46	4.22	0.15	18.55	4.71	4.48	0.09
16.00	4.46	4.23	0.15	18.60	4.72	4.48	0.09
16.05	4.47	4.23	0.14	18.65	4.72	4.48	0.09
16.10	4.47	4.24	0.14	18.70	4.72	4.49	0.09
16.15	4.48	4.24	0.14	18.75	4.73	4.49	0.09
16.20	4.49	4.25	0.14	18.80	4.73	4.50	0.09
16.25	4.49	4.26	0.14	18.85	4.74	4.50	0.09
16.30	4.50	4.26	0.14	18.90	4.74	4.50	0.09
16.35	4.50	4.27	0.14	18.95	4.74	4.51	0.09
16.40	4.51	4.27	0.14	19.00	4.75	4.51	0.09
16.45	4.52	4.28	0.14	19.05	4.75	4.51	0.09
16.50	4.52	4.29	0.13	19.10	4.76	4.52	0.09
16.55	4.53	4.29	0.13	19.15	4.76	4.52	0.09
16.60	4.53	4.30	0.13	19.20	4.76	4.53	0.09
16.65	4.54	4.30	0.13	19.25	4.77	4.53	0.09
16.70	4.54	4.31	0.13	19.30	4.77	4.53	0.09
16.75	4.55	4.31	0.13	19.35	4.77	4.54	0.09
16.80	4.55	4.32	0.13	19.40	4.78	4.54	0.09
16.85	4.56	4.32	0.13	19.45	4.78	4.55	0.09
16.90	4.57	4.33	0.12	19.50	4.79	4.55	0.09
16.95	4.57	4.33	0.12	19.55	4.79	4.55	0.09
17.00	4.58	4.34	0.12	19.60	4.79	4.56	0.09
17.05	4.58	4.34	0.12	19.65	4.80	4.56	0.09
17.10	4.59	4.35	0.12	19.70	4.80	4.56	0.09
17.15	4.59	4.35	0.12	19.75	4.80	4.57	0.09
17.20	4.60	4.36	0.12	19.80	4.81	4.57	0.09
17.25	4.60	4.36	0.12	19.85	4.81	4.57	0.09
17.30	4.61	4.37	0.12	19.90	4.81	4.58	0.08
17.35	4.61	4.37	0.11	19.95	4.82	4.58	0.08
17.40	4.61	4.38	0.11	20.00	4.82	4.59	0.08
17.45	4.62	4.38	0.11	20.05	4.83	4.59	0.08
17.50	4.62	4.39	0.11	20.10	4.83	4.59	0.08
17.55	4.63	4.39	0.11	20.15	4.83	4.60	0.08
17.60	4.63	4.40	0.11	20.20	4.84	4.60	0.08
17.65	4.64	4.40	0.11	20.25	4.84	4.60	0.08
17.70	4.64	4.41	0.11	20.30	4.84	4.61	0.08
17.75	4.65	4.41	0.11	20.35	4.85	4.61	0.08
17.80	4.65	4.42	0.10	20.40	4.85	4.61	0.08
17.85	4.66	4.42	0.10	20.45	4.85	4.62	0.08
17.90	4.66	4.42	0.10	20.50	4.86	4.62	0.08
17.95	4.66	4.43	0.10	20.55	4.86	4.62	0.08
18.00	4.67	4.43	0.10	20.60	4.86	4.63	0.08
18.05	4.67	4.44	0.10	20.65	4.87	4.63	0.08
18.10	4.68	4.44	0.10	20.70	4.87	4.63	0.08
18.15	4.68	4.44	0.10	20.75	4.87	4.64	0.08

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.08	23.40	5.04	4.80	0.06
20.85	4.88	4.64	0.08	23.45	5.04	4.80	0.06
20.90	4.88	4.65	0.08	23.50	5.04	4.81	0.06
20.95	4.89	4.65	0.08	23.55	5.04	4.81	0.06
21.00	4.89	4.65	0.08	23.60	5.05	4.81	0.06
21.05	4.89	4.66	0.08	23.65	5.05	4.81	0.06
21.10	4.90	4.66	0.08	23.70	5.05	4.82	0.06
21.15	4.90	4.66	0.08	23.75	5.06	4.82	0.06
21.20	4.90	4.67	0.08	23.80	5.06	4.82	0.06
21.25	4.91	4.67	0.08	23.85	5.06	4.82	0.06
21.30	4.91	4.67	0.08	23.90	5.06	4.83	0.06
21.35	4.91	4.68	0.08	23.95	5.07	4.83	0.06
21.40	4.92	4.68	0.08	24.00	5.07	4.83	0.06
21.45	4.92	4.68	0.08	24.05	5.07	4.83	0.07
21.50	4.92	4.69	0.08	24.10	5.07	4.83	0.05
21.55	4.93	4.69	0.07	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.07	24.20	5.07	4.83	0.02
21.65	4.93	4.70	0.07	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.07	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.07	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.07	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.07	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.07	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.07	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.07	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.07	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.07	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.07	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.07	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.07	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.07	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.07	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.07	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.07	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.07	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.07	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.07	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.07	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.07	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.07	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.07	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.07	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.07	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.07	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.07	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.07	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.07	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.07	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.07	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.06	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.06	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.06	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 3.53 cfs @ 12.18 hrs, Volume= 0.266 af, Depth= 2.42"
 Routed to Pond B-36B : Basin #36B

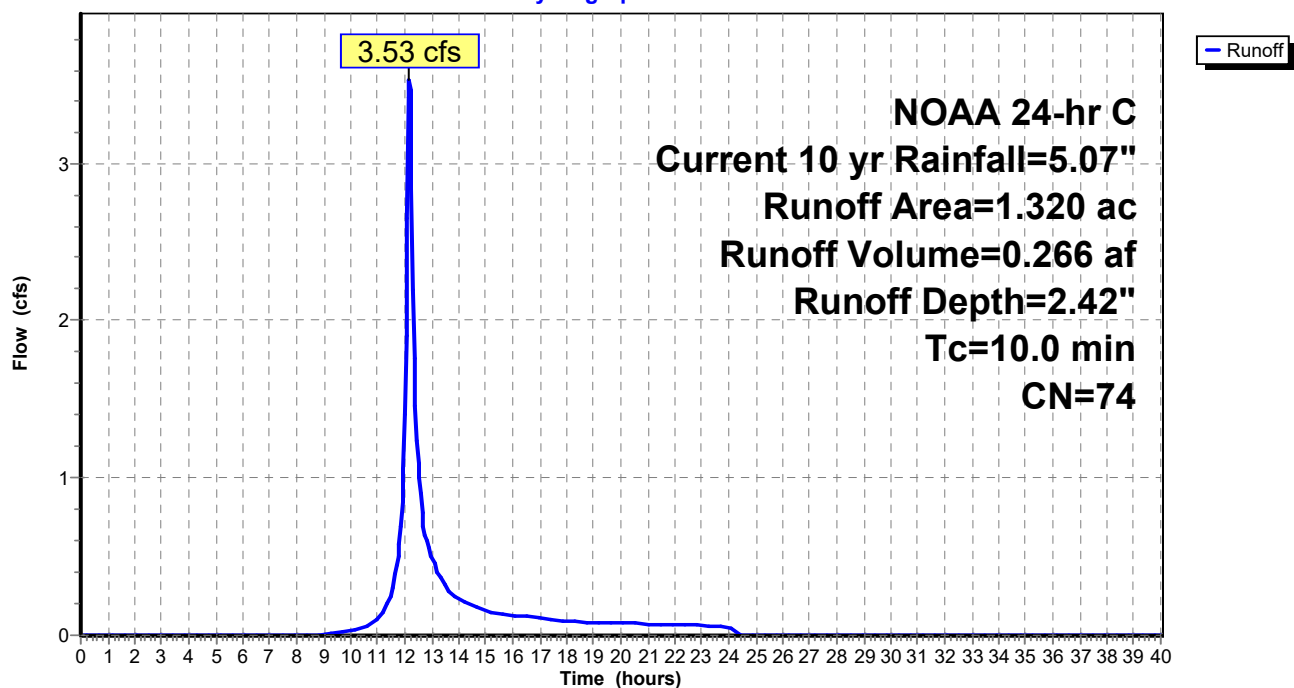
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36BP: PDA-36B (pervious)

Hydrograph



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.49
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.46
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.44
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.42
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.39
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.38
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.36
10.75	1.12	0.04	0.07	13.35	3.98	1.58	0.35
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.34
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.32
10.90	1.18	0.06	0.09	13.50	4.03	1.61	0.31
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.29
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.28
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.27
11.10	1.26	0.08	0.13	13.70	4.08	1.65	0.26
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.25
11.20	1.31	0.09	0.15	13.80	4.10	1.67	0.25
11.25	1.34	0.10	0.16	13.85	4.11	1.68	0.24
11.30	1.37	0.11	0.18	13.90	4.12	1.69	0.24
11.35	1.40	0.12	0.20	13.95	4.13	1.70	0.23
11.40	1.43	0.13	0.21	14.00	4.15	1.70	0.23
11.45	1.47	0.14	0.23	14.05	4.16	1.71	0.23
11.50	1.50	0.15	0.25	14.10	4.17	1.72	0.22
11.55	1.55	0.16	0.27	14.15	4.18	1.73	0.22
11.60	1.60	0.18	0.32	14.20	4.19	1.74	0.22
11.65	1.65	0.20	0.39	14.25	4.20	1.74	0.21
11.70	1.71	0.22	0.45	14.30	4.21	1.75	0.21
11.75	1.78	0.25	0.50	14.35	4.22	1.76	0.21
11.80	1.86	0.29	0.58	14.40	4.23	1.77	0.20
11.85	1.96	0.33	0.70	14.45	4.24	1.77	0.20
11.90	2.06	0.38	0.85	14.50	4.25	1.78	0.20
11.95	2.24	0.47	1.06	14.55	4.26	1.79	0.19
12.00	2.42	0.56	1.41	14.60	4.27	1.79	0.19
12.05	2.71	0.73	1.90	14.65	4.27	1.80	0.18
12.10	3.01	0.91	2.65	14.70	4.28	1.81	0.18
12.15	3.11	0.98	3.42	14.75	4.29	1.81	0.18
12.20	3.21	1.05	3.47	14.80	4.30	1.82	0.17
12.25	3.29	1.10	2.83	14.85	4.31	1.82	0.17
12.30	3.36	1.15	2.19	14.90	4.31	1.83	0.17
12.35	3.42	1.18	1.76	14.95	4.32	1.84	0.16
12.40	3.47	1.22	1.46	15.00	4.33	1.84	0.16
12.45	3.52	1.25	1.24	15.05	4.34	1.85	0.15
12.50	3.57	1.29	1.10	15.10	4.34	1.85	0.15
12.55	3.60	1.31	1.01	15.15	4.35	1.86	0.15
12.60	3.64	1.34	0.90	15.20	4.36	1.86	0.15
12.65	3.67	1.36	0.78	15.25	4.36	1.87	0.14
12.70	3.70	1.38	0.69	15.30	4.37	1.87	0.14
12.75	3.73	1.40	0.63	15.35	4.38	1.88	0.14
12.80	3.76	1.42	0.60	15.40	4.39	1.88	0.14
12.85	3.78	1.44	0.57	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.54	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.51	15.55	4.41	1.90	0.14

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.14	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.14	18.25	4.69	2.12	0.08
15.70	4.42	1.91	0.13	18.30	4.69	2.12	0.08
15.75	4.43	1.92	0.13	18.35	4.70	2.12	0.08
15.80	4.44	1.92	0.13	18.40	4.70	2.13	0.08
15.85	4.44	1.93	0.13	18.45	4.70	2.13	0.08
15.90	4.45	1.93	0.13	18.50	4.71	2.13	0.08
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.08
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.08
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.08
16.10	4.47	1.95	0.13	18.70	4.72	2.15	0.08
16.15	4.48	1.96	0.13	18.75	4.73	2.15	0.08
16.20	4.49	1.96	0.12	18.80	4.73	2.15	0.08
16.25	4.49	1.97	0.12	18.85	4.74	2.16	0.08
16.30	4.50	1.97	0.12	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.12	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.12	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.11	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.11	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.11	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.11	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.11	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.10	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.10	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.10	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.07
17.70	4.64	2.08	0.09	20.30	4.84	2.24	0.07
17.75	4.65	2.09	0.09	20.35	4.85	2.24	0.07
17.80	4.65	2.09	0.09	20.40	4.85	2.25	0.07
17.85	4.66	2.09	0.09	20.45	4.85	2.25	0.07
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.07
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.07
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.07
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.07
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.07
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.07

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.07	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.06
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.06	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.06	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.06	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.06	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.06	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.06	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 3.94 cfs @ 12.17 hrs, Volume= 0.344 af, Depth= 4.83"
 Routed to Pond B-37A : Basin #37A

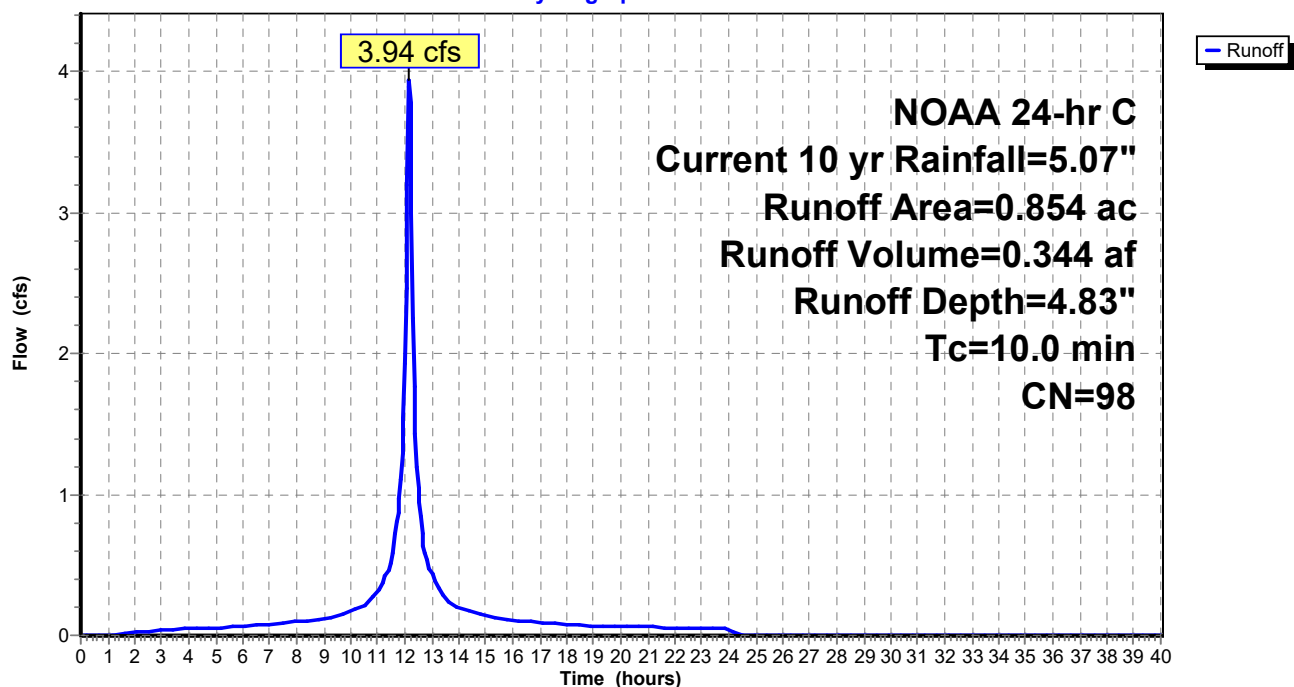
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.05
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.05
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.05
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.10
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.10
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.10
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.11
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.11
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.11
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.11
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.11
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.11
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.12
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.12
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.13
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.13
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.14
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.14
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.14
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.15
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.15
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.15
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.16
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.16
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.16
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.17
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.17
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.17
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.18
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.18
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.18
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.19
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.19
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.19
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.20

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.20	13.00	3.85	3.62	0.44
10.45	1.03	0.82	0.20	13.05	3.87	3.64	0.42
10.50	1.04	0.83	0.21	13.10	3.89	3.66	0.39
10.55	1.06	0.85	0.21	13.15	3.91	3.68	0.37
10.60	1.07	0.86	0.22	13.20	3.93	3.70	0.35
10.65	1.09	0.88	0.23	13.25	3.95	3.71	0.34
10.70	1.10	0.89	0.24	13.30	3.97	3.73	0.32
10.75	1.12	0.91	0.25	13.35	3.98	3.75	0.31
10.80	1.14	0.93	0.26	13.40	4.00	3.76	0.30
10.85	1.16	0.94	0.27	13.45	4.01	3.78	0.28
10.90	1.18	0.96	0.29	13.50	4.03	3.79	0.27
10.95	1.20	0.98	0.30	13.55	4.04	3.80	0.26
11.00	1.22	1.00	0.31	13.60	4.05	3.82	0.25
11.05	1.24	1.02	0.33	13.65	4.06	3.83	0.23
11.10	1.26	1.05	0.34	13.70	4.08	3.84	0.23
11.15	1.29	1.07	0.36	13.75	4.09	3.85	0.22
11.20	1.31	1.10	0.38	13.80	4.10	3.86	0.21
11.25	1.34	1.12	0.41	13.85	4.11	3.88	0.21
11.30	1.37	1.15	0.43	13.90	4.12	3.89	0.21
11.35	1.40	1.18	0.45	13.95	4.13	3.90	0.20
11.40	1.43	1.21	0.48	14.00	4.15	3.91	0.20
11.45	1.47	1.25	0.50	14.05	4.16	3.92	0.20
11.50	1.50	1.28	0.52	14.10	4.17	3.93	0.19
11.55	1.55	1.33	0.55	14.15	4.18	3.94	0.19
11.60	1.60	1.38	0.62	14.20	4.19	3.95	0.19
11.65	1.65	1.43	0.73	14.25	4.20	3.96	0.18
11.70	1.71	1.49	0.81	14.30	4.21	3.97	0.18
11.75	1.78	1.56	0.88	14.35	4.22	3.98	0.18
11.80	1.86	1.63	0.97	14.40	4.23	3.99	0.17
11.85	1.96	1.73	1.11	14.45	4.24	4.00	0.17
11.90	2.06	1.84	1.29	14.50	4.25	4.01	0.17
11.95	2.24	2.01	1.54	14.55	4.26	4.02	0.16
12.00	2.42	2.19	1.93	14.60	4.27	4.03	0.16
12.05	2.71	2.48	2.46	14.65	4.27	4.04	0.16
12.10	3.01	2.78	3.20	14.70	4.28	4.05	0.16
12.15	3.11	2.88	3.89	14.75	4.29	4.06	0.15
12.20	3.21	2.98	3.78	14.80	4.30	4.06	0.15
12.25	3.29	3.05	3.00	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.26	14.90	4.31	4.08	0.14
12.35	3.42	3.18	1.77	14.95	4.32	4.09	0.14
12.40	3.47	3.24	1.44	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.20	15.05	4.34	4.10	0.13
12.50	3.57	3.34	1.05	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.95	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.84	15.20	4.36	4.12	0.12
12.65	3.67	3.43	0.72	15.25	4.36	4.13	0.12
12.70	3.70	3.47	0.63	15.30	4.37	4.14	0.12
12.75	3.73	3.49	0.58	15.35	4.38	4.14	0.12
12.80	3.76	3.52	0.55	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.52	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.49	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.47	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.11	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.11	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.11	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.11	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.11	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.11	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.10	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.10	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.10	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.10	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.09	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.09	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.09	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.09	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.09	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.08	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.08	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.08	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 3.48 cfs @ 12.18 hrs, Volume= 0.262 af, Depth= 2.42"
 Routed to Pond B-37A : Basin #37A

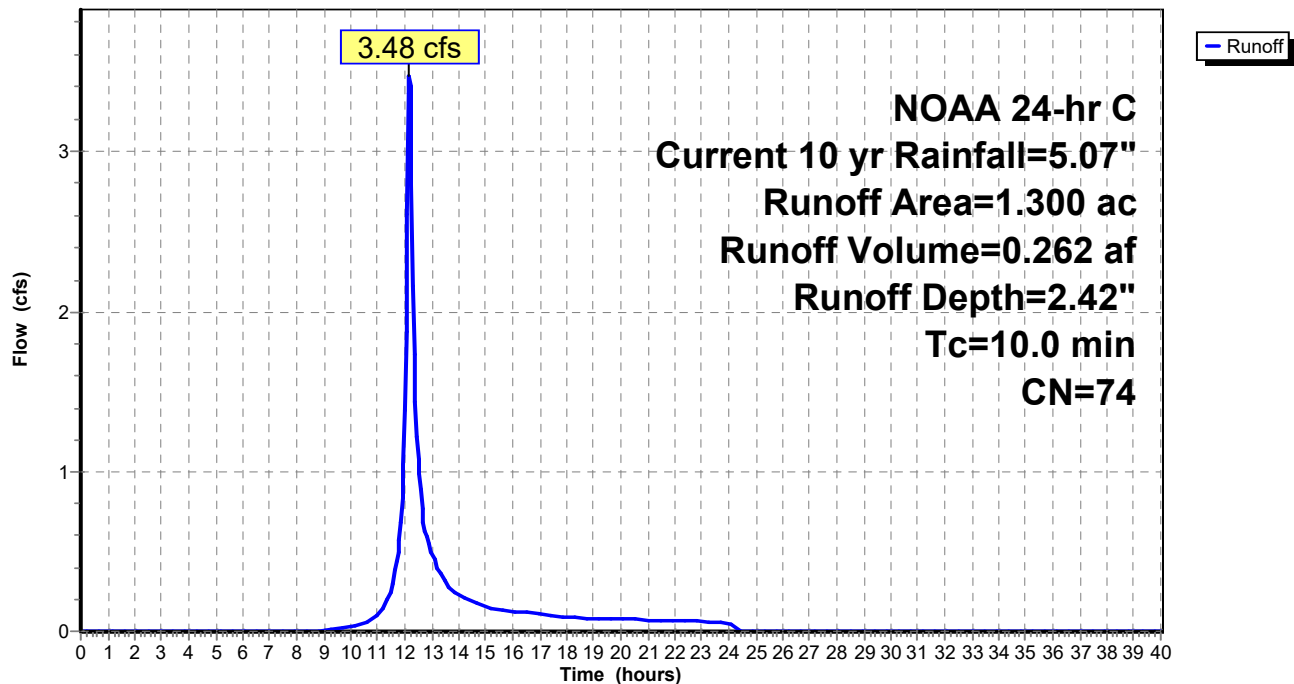
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.04	13.00	3.85	1.49	0.48
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.46
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.43
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.41
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.39
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.37
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.36
10.75	1.12	0.04	0.07	13.35	3.98	1.58	0.34
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.33
10.85	1.16	0.05	0.08	13.45	4.01	1.60	0.32
10.90	1.18	0.06	0.09	13.50	4.03	1.61	0.30
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.29
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.28
11.05	1.24	0.07	0.11	13.65	4.06	1.64	0.26
11.10	1.26	0.08	0.12	13.70	4.08	1.65	0.25
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.25
11.20	1.31	0.09	0.15	13.80	4.10	1.67	0.24
11.25	1.34	0.10	0.16	13.85	4.11	1.68	0.24
11.30	1.37	0.11	0.18	13.90	4.12	1.69	0.23
11.35	1.40	0.12	0.19	13.95	4.13	1.70	0.23
11.40	1.43	0.13	0.21	14.00	4.15	1.70	0.23
11.45	1.47	0.14	0.23	14.05	4.16	1.71	0.22
11.50	1.50	0.15	0.25	14.10	4.17	1.72	0.22
11.55	1.55	0.16	0.27	14.15	4.18	1.73	0.22
11.60	1.60	0.18	0.32	14.20	4.19	1.74	0.21
11.65	1.65	0.20	0.38	14.25	4.20	1.74	0.21
11.70	1.71	0.22	0.44	14.30	4.21	1.75	0.21
11.75	1.78	0.25	0.50	14.35	4.22	1.76	0.20
11.80	1.86	0.29	0.57	14.40	4.23	1.77	0.20
11.85	1.96	0.33	0.68	14.45	4.24	1.77	0.20
11.90	2.06	0.38	0.84	14.50	4.25	1.78	0.19
11.95	2.24	0.47	1.05	14.55	4.26	1.79	0.19
12.00	2.42	0.56	1.39	14.60	4.27	1.79	0.19
12.05	2.71	0.73	1.88	14.65	4.27	1.80	0.18
12.10	3.01	0.91	2.61	14.70	4.28	1.81	0.18
12.15	3.11	0.98	3.37	14.75	4.29	1.81	0.17
12.20	3.21	1.05	3.41	14.80	4.30	1.82	0.17
12.25	3.29	1.10	2.79	14.85	4.31	1.82	0.17
12.30	3.36	1.15	2.16	14.90	4.31	1.83	0.16
12.35	3.42	1.18	1.74	14.95	4.32	1.84	0.16
12.40	3.47	1.22	1.44	15.00	4.33	1.84	0.16
12.45	3.52	1.25	1.22	15.05	4.34	1.85	0.15
12.50	3.57	1.29	1.08	15.10	4.34	1.85	0.15
12.55	3.60	1.31	0.99	15.15	4.35	1.86	0.15
12.60	3.64	1.34	0.89	15.20	4.36	1.86	0.14
12.65	3.67	1.36	0.77	15.25	4.36	1.87	0.14
12.70	3.70	1.38	0.68	15.30	4.37	1.87	0.14
12.75	3.73	1.40	0.62	15.35	4.38	1.88	0.14
12.80	3.76	1.42	0.59	15.40	4.39	1.88	0.14
12.85	3.78	1.44	0.56	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.53	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.51	15.55	4.41	1.90	0.13

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.13	18.20	4.68	2.12	0.08
15.65	4.42	1.91	0.13	18.25	4.69	2.12	0.08
15.70	4.42	1.91	0.13	18.30	4.69	2.12	0.08
15.75	4.43	1.92	0.13	18.35	4.70	2.12	0.08
15.80	4.44	1.92	0.13	18.40	4.70	2.13	0.08
15.85	4.44	1.93	0.13	18.45	4.70	2.13	0.08
15.90	4.45	1.93	0.13	18.50	4.71	2.13	0.08
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.08
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.08
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.08
16.10	4.47	1.95	0.12	18.70	4.72	2.15	0.08
16.15	4.48	1.96	0.12	18.75	4.73	2.15	0.08
16.20	4.49	1.96	0.12	18.80	4.73	2.15	0.08
16.25	4.49	1.97	0.12	18.85	4.74	2.16	0.08
16.30	4.50	1.97	0.12	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.12	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.12	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.11	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.11	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.11	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.11	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.11	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.11	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.11	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.10	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.10	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.10	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.10	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.10	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.07
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.07
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.07
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.07
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.07
17.65	4.64	2.08	0.09	20.25	4.84	2.24	0.07
17.70	4.64	2.08	0.09	20.30	4.84	2.24	0.07
17.75	4.65	2.09	0.09	20.35	4.85	2.24	0.07
17.80	4.65	2.09	0.09	20.40	4.85	2.25	0.07
17.85	4.66	2.09	0.09	20.45	4.85	2.25	0.07
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.07
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.07
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.07
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.07
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.07
18.15	4.68	2.11	0.08	20.75	4.87	2.26	0.07

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.07	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.06
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.06	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.06	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.06	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.06	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.06	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.06	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.06	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.06	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.06	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.06	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.06	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 5.37 cfs @ 12.17 hrs, Volume= 0.469 af, Depth= 4.83"
Routed to Pond B-37B : Basin #37B

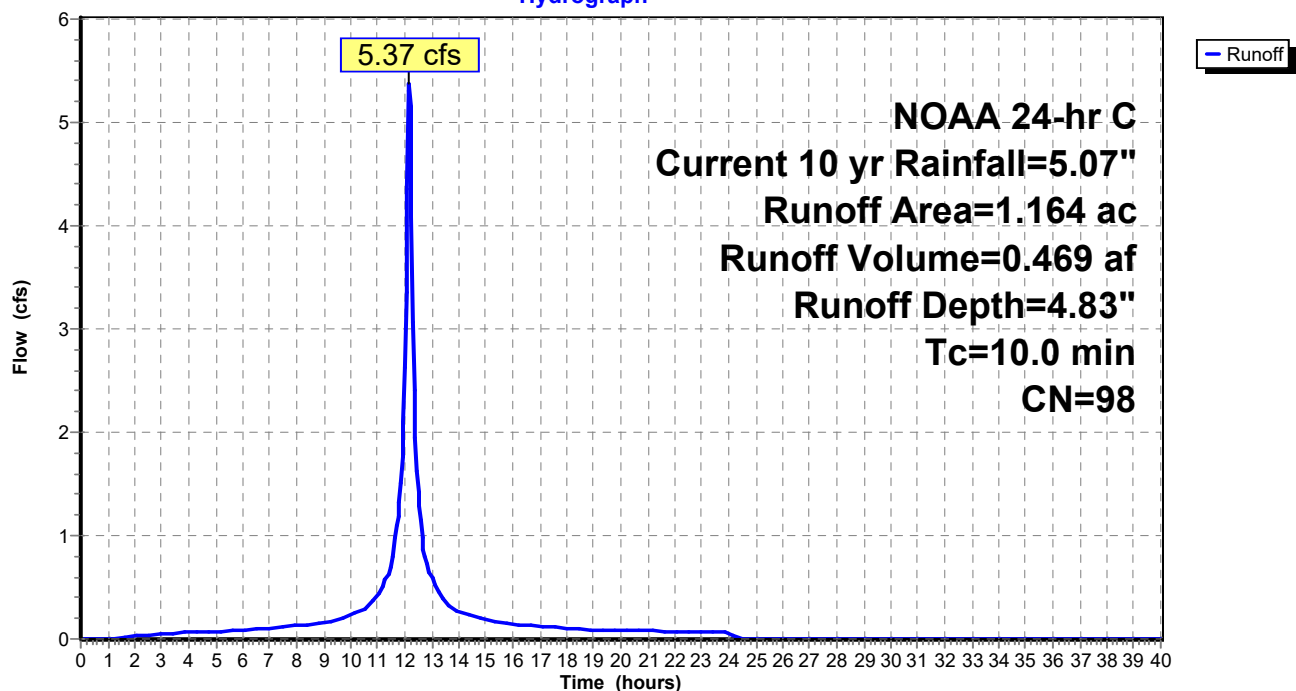
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.04
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.04
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.04
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.05
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.05
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.05
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.05
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.05
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.05
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.05
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.05
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.05
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.05
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.05
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.05
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.05
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.05
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.06
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.06
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.06
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.06
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.06
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.06
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.06
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.06
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.06
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.06
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.06
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.06
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.06
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.06
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.06
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.06
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.07
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.07
1.80	0.10	0.01	0.03	4.40	0.28	0.13	0.07
1.85	0.11	0.02	0.03	4.45	0.28	0.13	0.07
1.90	0.11	0.02	0.03	4.50	0.28	0.13	0.07
1.95	0.11	0.02	0.03	4.55	0.29	0.14	0.07
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.07
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.07
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.07
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.07
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.07
2.25	0.13	0.03	0.04	4.85	0.31	0.15	0.07
2.30	0.13	0.03	0.04	4.90	0.31	0.16	0.07
2.35	0.14	0.03	0.04	4.95	0.32	0.16	0.07
2.40	0.14	0.03	0.04	5.00	0.32	0.16	0.07
2.45	0.14	0.03	0.04	5.05	0.33	0.17	0.07
2.50	0.15	0.04	0.04	5.10	0.33	0.17	0.07
2.55	0.15	0.04	0.04	5.15	0.33	0.17	0.07

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.07	7.80	0.58	0.39	0.13
5.25	0.34	0.18	0.08	7.85	0.59	0.40	0.13
5.30	0.35	0.18	0.08	7.90	0.60	0.41	0.13
5.35	0.35	0.19	0.08	7.95	0.60	0.41	0.13
5.40	0.35	0.19	0.08	8.00	0.61	0.42	0.13
5.45	0.36	0.19	0.08	8.05	0.61	0.42	0.13
5.50	0.36	0.20	0.08	8.10	0.62	0.43	0.13
5.55	0.37	0.20	0.08	8.15	0.63	0.43	0.13
5.60	0.37	0.20	0.08	8.20	0.63	0.44	0.14
5.65	0.37	0.21	0.08	8.25	0.64	0.45	0.14
5.70	0.38	0.21	0.08	8.30	0.65	0.45	0.14
5.75	0.38	0.21	0.08	8.35	0.65	0.46	0.14
5.80	0.39	0.22	0.08	8.40	0.66	0.46	0.14
5.85	0.39	0.22	0.08	8.45	0.66	0.47	0.14
5.90	0.39	0.22	0.08	8.50	0.67	0.48	0.14
5.95	0.40	0.23	0.08	8.55	0.68	0.48	0.14
6.00	0.40	0.23	0.08	8.60	0.68	0.49	0.15
6.05	0.41	0.23	0.08	8.65	0.69	0.50	0.15
6.10	0.41	0.24	0.08	8.70	0.70	0.50	0.15
6.15	0.41	0.24	0.08	8.75	0.71	0.51	0.15
6.20	0.42	0.25	0.09	8.80	0.71	0.51	0.15
6.25	0.42	0.25	0.09	8.85	0.72	0.52	0.15
6.30	0.43	0.25	0.09	8.90	0.73	0.53	0.15
6.35	0.43	0.26	0.09	8.95	0.73	0.53	0.15
6.40	0.44	0.26	0.09	9.00	0.74	0.54	0.16
6.45	0.44	0.27	0.09	9.05	0.75	0.55	0.16
6.50	0.45	0.27	0.09	9.10	0.76	0.56	0.16
6.55	0.45	0.27	0.09	9.15	0.76	0.56	0.16
6.60	0.46	0.28	0.10	9.20	0.77	0.57	0.17
6.65	0.46	0.28	0.10	9.25	0.78	0.58	0.17
6.70	0.46	0.29	0.10	9.30	0.79	0.59	0.18
6.75	0.47	0.29	0.10	9.35	0.80	0.59	0.18
6.80	0.47	0.29	0.10	9.40	0.80	0.60	0.18
6.85	0.48	0.30	0.10	9.45	0.81	0.61	0.19
6.90	0.48	0.30	0.10	9.50	0.82	0.62	0.19
6.95	0.49	0.31	0.10	9.55	0.83	0.63	0.20
7.00	0.49	0.31	0.11	9.60	0.84	0.64	0.20
7.05	0.50	0.32	0.11	9.65	0.85	0.65	0.21
7.10	0.50	0.32	0.11	9.70	0.86	0.66	0.21
7.15	0.51	0.33	0.11	9.75	0.87	0.67	0.22
7.20	0.52	0.33	0.11	9.80	0.88	0.68	0.22
7.25	0.52	0.34	0.11	9.85	0.89	0.69	0.22
7.30	0.53	0.34	0.11	9.90	0.90	0.70	0.23
7.35	0.53	0.35	0.11	9.95	0.91	0.71	0.23
7.40	0.54	0.35	0.12	10.00	0.92	0.72	0.24
7.45	0.54	0.36	0.12	10.05	0.94	0.73	0.24
7.50	0.55	0.36	0.12	10.10	0.95	0.74	0.25
7.55	0.55	0.37	0.12	10.15	0.96	0.75	0.25
7.60	0.56	0.37	0.12	10.20	0.97	0.76	0.26
7.65	0.57	0.38	0.12	10.25	0.98	0.77	0.26
7.70	0.57	0.38	0.12	10.30	0.99	0.79	0.26
7.75	0.58	0.39	0.12	10.35	1.01	0.80	0.27

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.27	13.00	3.85	3.62	0.60
10.45	1.03	0.82	0.28	13.05	3.87	3.64	0.57
10.50	1.04	0.83	0.28	13.10	3.89	3.66	0.54
10.55	1.06	0.85	0.29	13.15	3.91	3.68	0.51
10.60	1.07	0.86	0.30	13.20	3.93	3.70	0.48
10.65	1.09	0.88	0.31	13.25	3.95	3.71	0.46
10.70	1.10	0.89	0.33	13.30	3.97	3.73	0.44
10.75	1.12	0.91	0.34	13.35	3.98	3.75	0.42
10.80	1.14	0.93	0.36	13.40	4.00	3.76	0.40
10.85	1.16	0.94	0.37	13.45	4.01	3.78	0.39
10.90	1.18	0.96	0.39	13.50	4.03	3.79	0.37
10.95	1.20	0.98	0.41	13.55	4.04	3.80	0.35
11.00	1.22	1.00	0.43	13.60	4.05	3.82	0.34
11.05	1.24	1.02	0.44	13.65	4.06	3.83	0.32
11.10	1.26	1.05	0.47	13.70	4.08	3.84	0.31
11.15	1.29	1.07	0.49	13.75	4.09	3.85	0.30
11.20	1.31	1.10	0.52	13.80	4.10	3.86	0.29
11.25	1.34	1.12	0.55	13.85	4.11	3.88	0.29
11.30	1.37	1.15	0.59	13.90	4.12	3.89	0.28
11.35	1.40	1.18	0.62	13.95	4.13	3.90	0.28
11.40	1.43	1.21	0.65	14.00	4.15	3.91	0.27
11.45	1.47	1.25	0.68	14.05	4.16	3.92	0.27
11.50	1.50	1.28	0.71	14.10	4.17	3.93	0.26
11.55	1.55	1.33	0.75	14.15	4.18	3.94	0.26
11.60	1.60	1.38	0.85	14.20	4.19	3.95	0.26
11.65	1.65	1.43	0.99	14.25	4.20	3.96	0.25
11.70	1.71	1.49	1.11	14.30	4.21	3.97	0.25
11.75	1.78	1.56	1.19	14.35	4.22	3.98	0.24
11.80	1.86	1.63	1.32	14.40	4.23	3.99	0.24
11.85	1.96	1.73	1.51	14.45	4.24	4.00	0.23
11.90	2.06	1.84	1.76	14.50	4.25	4.01	0.23
11.95	2.24	2.01	2.10	14.55	4.26	4.02	0.22
12.00	2.42	2.19	2.63	14.60	4.27	4.03	0.22
12.05	2.71	2.48	3.35	14.65	4.27	4.04	0.22
12.10	3.01	2.78	4.36	14.70	4.28	4.05	0.21
12.15	3.11	2.88	5.30	14.75	4.29	4.06	0.21
12.20	3.21	2.98	5.15	14.80	4.30	4.06	0.20
12.25	3.29	3.05	4.08	14.85	4.31	4.07	0.20
12.30	3.36	3.13	3.08	14.90	4.31	4.08	0.19
12.35	3.42	3.18	2.41	14.95	4.32	4.09	0.19
12.40	3.47	3.24	1.96	15.00	4.33	4.09	0.18
12.45	3.52	3.29	1.63	15.05	4.34	4.10	0.18
12.50	3.57	3.34	1.43	15.10	4.34	4.11	0.18
12.55	3.60	3.37	1.30	15.15	4.35	4.12	0.17
12.60	3.64	3.40	1.15	15.20	4.36	4.12	0.17
12.65	3.67	3.43	0.99	15.25	4.36	4.13	0.17
12.70	3.70	3.47	0.86	15.30	4.37	4.14	0.16
12.75	3.73	3.49	0.79	15.35	4.38	4.14	0.16
12.80	3.76	3.52	0.74	15.40	4.39	4.15	0.16
12.85	3.78	3.55	0.70	15.45	4.39	4.16	0.16
12.90	3.81	3.57	0.67	15.50	4.40	4.16	0.16
12.95	3.83	3.60	0.63	15.55	4.41	4.17	0.16

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.16	18.20	4.68	4.45	0.10
15.65	4.42	4.18	0.16	18.25	4.69	4.45	0.10
15.70	4.42	4.19	0.15	18.30	4.69	4.46	0.10
15.75	4.43	4.20	0.15	18.35	4.70	4.46	0.09
15.80	4.44	4.20	0.15	18.40	4.70	4.46	0.09
15.85	4.44	4.21	0.15	18.45	4.70	4.47	0.09
15.90	4.45	4.21	0.15	18.50	4.71	4.47	0.09
15.95	4.46	4.22	0.15	18.55	4.71	4.48	0.09
16.00	4.46	4.23	0.15	18.60	4.72	4.48	0.09
16.05	4.47	4.23	0.15	18.65	4.72	4.48	0.09
16.10	4.47	4.24	0.15	18.70	4.72	4.49	0.09
16.15	4.48	4.24	0.14	18.75	4.73	4.49	0.09
16.20	4.49	4.25	0.14	18.80	4.73	4.50	0.09
16.25	4.49	4.26	0.14	18.85	4.74	4.50	0.09
16.30	4.50	4.26	0.14	18.90	4.74	4.50	0.09
16.35	4.50	4.27	0.14	18.95	4.74	4.51	0.09
16.40	4.51	4.27	0.14	19.00	4.75	4.51	0.09
16.45	4.52	4.28	0.14	19.05	4.75	4.51	0.09
16.50	4.52	4.29	0.14	19.10	4.76	4.52	0.09
16.55	4.53	4.29	0.13	19.15	4.76	4.52	0.09
16.60	4.53	4.30	0.13	19.20	4.76	4.53	0.09
16.65	4.54	4.30	0.13	19.25	4.77	4.53	0.09
16.70	4.54	4.31	0.13	19.30	4.77	4.53	0.09
16.75	4.55	4.31	0.13	19.35	4.77	4.54	0.09
16.80	4.55	4.32	0.13	19.40	4.78	4.54	0.09
16.85	4.56	4.32	0.13	19.45	4.78	4.55	0.09
16.90	4.57	4.33	0.13	19.50	4.79	4.55	0.09
16.95	4.57	4.33	0.13	19.55	4.79	4.55	0.09
17.00	4.58	4.34	0.12	19.60	4.79	4.56	0.09
17.05	4.58	4.34	0.12	19.65	4.80	4.56	0.09
17.10	4.59	4.35	0.12	19.70	4.80	4.56	0.09
17.15	4.59	4.35	0.12	19.75	4.80	4.57	0.09
17.20	4.60	4.36	0.12	19.80	4.81	4.57	0.09
17.25	4.60	4.36	0.12	19.85	4.81	4.57	0.09
17.30	4.61	4.37	0.12	19.90	4.81	4.58	0.09
17.35	4.61	4.37	0.12	19.95	4.82	4.58	0.09
17.40	4.61	4.38	0.11	20.00	4.82	4.59	0.09
17.45	4.62	4.38	0.11	20.05	4.83	4.59	0.08
17.50	4.62	4.39	0.11	20.10	4.83	4.59	0.08
17.55	4.63	4.39	0.11	20.15	4.83	4.60	0.08
17.60	4.63	4.40	0.11	20.20	4.84	4.60	0.08
17.65	4.64	4.40	0.11	20.25	4.84	4.60	0.08
17.70	4.64	4.41	0.11	20.30	4.84	4.61	0.08
17.75	4.65	4.41	0.11	20.35	4.85	4.61	0.08
17.80	4.65	4.42	0.11	20.40	4.85	4.61	0.08
17.85	4.66	4.42	0.10	20.45	4.85	4.62	0.08
17.90	4.66	4.42	0.10	20.50	4.86	4.62	0.08
17.95	4.66	4.43	0.10	20.55	4.86	4.62	0.08
18.00	4.67	4.43	0.10	20.60	4.86	4.63	0.08
18.05	4.67	4.44	0.10	20.65	4.87	4.63	0.08
18.10	4.68	4.44	0.10	20.70	4.87	4.63	0.08
18.15	4.68	4.44	0.10	20.75	4.87	4.64	0.08

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.08	23.40	5.04	4.80	0.06
20.85	4.88	4.64	0.08	23.45	5.04	4.80	0.06
20.90	4.88	4.65	0.08	23.50	5.04	4.81	0.06
20.95	4.89	4.65	0.08	23.55	5.04	4.81	0.06
21.00	4.89	4.65	0.08	23.60	5.05	4.81	0.06
21.05	4.89	4.66	0.08	23.65	5.05	4.81	0.06
21.10	4.90	4.66	0.08	23.70	5.05	4.82	0.06
21.15	4.90	4.66	0.08	23.75	5.06	4.82	0.06
21.20	4.90	4.67	0.08	23.80	5.06	4.82	0.06
21.25	4.91	4.67	0.08	23.85	5.06	4.82	0.06
21.30	4.91	4.67	0.08	23.90	5.06	4.83	0.06
21.35	4.91	4.68	0.08	23.95	5.07	4.83	0.06
21.40	4.92	4.68	0.08	24.00	5.07	4.83	0.06
21.45	4.92	4.68	0.08	24.05	5.07	4.83	0.07
21.50	4.92	4.69	0.08	24.10	5.07	4.83	0.06
21.55	4.93	4.69	0.08	24.15	5.07	4.83	0.03
21.60	4.93	4.69	0.08	24.20	5.07	4.83	0.02
21.65	4.93	4.70	0.08	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.07	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.07	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.07	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.07	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.07	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.07	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.07	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.07	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.07	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.07	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.07	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.07	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.07	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.07	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.07	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.07	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.07	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.07	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.07	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.07	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.07	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.07	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.07	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.07	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.07	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.07	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.07	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.07	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.07	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.07	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.07	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.07	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.07	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.07	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 2.71 cfs @ 12.18 hrs, Volume= 0.205 af, Depth= 2.42"
 Routed to Pond B-37B : Basin #37B

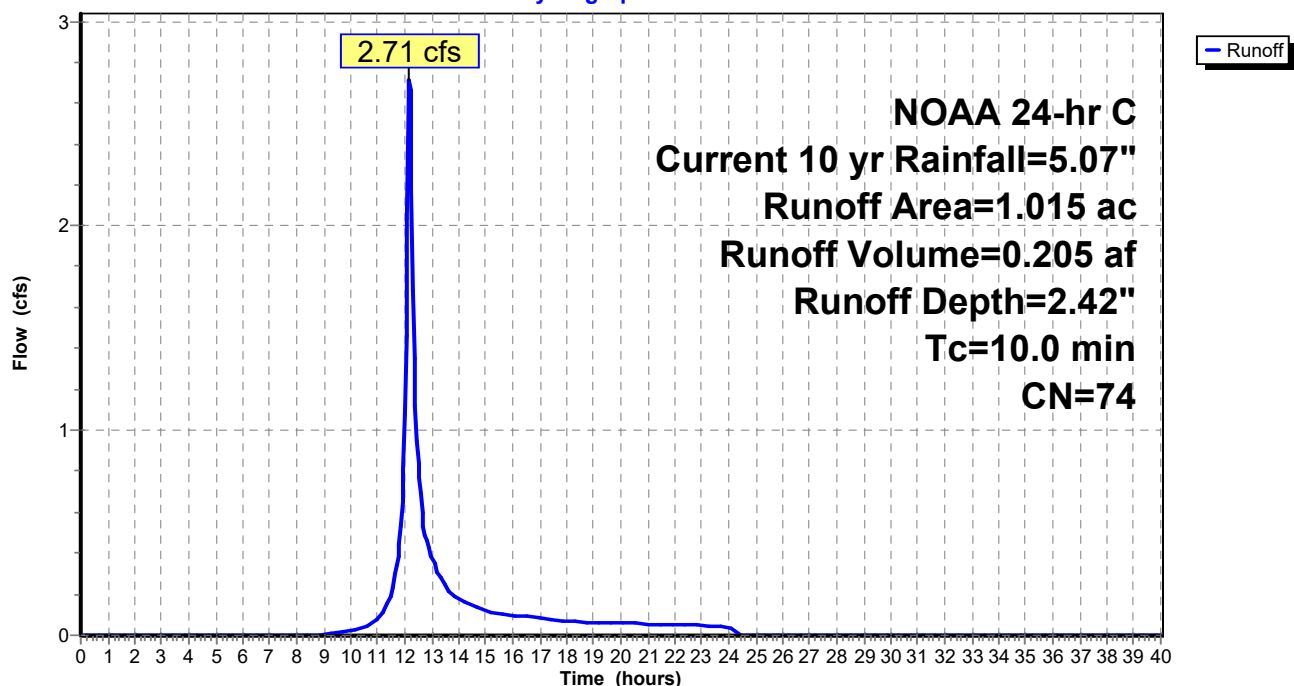
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 38BP: PDA-37B (pervious)

Hydrograph



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.38
10.45	1.03	0.03	0.04	13.05	3.87	1.50	0.36
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.34
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.32
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.30
10.65	1.09	0.04	0.05	13.25	3.95	1.56	0.29
10.70	1.10	0.04	0.05	13.30	3.97	1.57	0.28
10.75	1.12	0.04	0.06	13.35	3.98	1.58	0.27
10.80	1.14	0.05	0.06	13.40	4.00	1.59	0.26
10.85	1.16	0.05	0.07	13.45	4.01	1.60	0.25
10.90	1.18	0.06	0.07	13.50	4.03	1.61	0.24
10.95	1.20	0.06	0.08	13.55	4.04	1.62	0.23
11.00	1.22	0.07	0.08	13.60	4.05	1.63	0.22
11.05	1.24	0.07	0.09	13.65	4.06	1.64	0.21
11.10	1.26	0.08	0.10	13.70	4.08	1.65	0.20
11.15	1.29	0.08	0.11	13.75	4.09	1.66	0.19
11.20	1.31	0.09	0.12	13.80	4.10	1.67	0.19
11.25	1.34	0.10	0.13	13.85	4.11	1.68	0.19
11.30	1.37	0.11	0.14	13.90	4.12	1.69	0.18
11.35	1.40	0.12	0.15	13.95	4.13	1.70	0.18
11.40	1.43	0.13	0.16	14.00	4.15	1.70	0.18
11.45	1.47	0.14	0.18	14.05	4.16	1.71	0.17
11.50	1.50	0.15	0.19	14.10	4.17	1.72	0.17
11.55	1.55	0.16	0.21	14.15	4.18	1.73	0.17
11.60	1.60	0.18	0.25	14.20	4.19	1.74	0.17
11.65	1.65	0.20	0.30	14.25	4.20	1.74	0.16
11.70	1.71	0.22	0.35	14.30	4.21	1.75	0.16
11.75	1.78	0.25	0.39	14.35	4.22	1.76	0.16
11.80	1.86	0.29	0.45	14.40	4.23	1.77	0.16
11.85	1.96	0.33	0.53	14.45	4.24	1.77	0.15
11.90	2.06	0.38	0.65	14.50	4.25	1.78	0.15
11.95	2.24	0.47	0.82	14.55	4.26	1.79	0.15
12.00	2.42	0.56	1.08	14.60	4.27	1.79	0.14
12.05	2.71	0.73	1.46	14.65	4.27	1.80	0.14
12.10	3.01	0.91	2.03	14.70	4.28	1.81	0.14
12.15	3.11	0.98	2.63	14.75	4.29	1.81	0.14
12.20	3.21	1.05	2.67	14.80	4.30	1.82	0.13
12.25	3.29	1.10	2.18	14.85	4.31	1.82	0.13
12.30	3.36	1.15	1.69	14.90	4.31	1.83	0.13
12.35	3.42	1.18	1.36	14.95	4.32	1.84	0.12
12.40	3.47	1.22	1.12	15.00	4.33	1.84	0.12
12.45	3.52	1.25	0.95	15.05	4.34	1.85	0.12
12.50	3.57	1.29	0.84	15.10	4.34	1.85	0.12
12.55	3.60	1.31	0.77	15.15	4.35	1.86	0.11
12.60	3.64	1.34	0.69	15.20	4.36	1.86	0.11
12.65	3.67	1.36	0.60	15.25	4.36	1.87	0.11
12.70	3.70	1.38	0.53	15.30	4.37	1.87	0.11
12.75	3.73	1.40	0.49	15.35	4.38	1.88	0.11
12.80	3.76	1.42	0.46	15.40	4.39	1.88	0.11
12.85	3.78	1.44	0.44	15.45	4.39	1.89	0.11
12.90	3.81	1.46	0.41	15.50	4.40	1.89	0.11
12.95	3.83	1.47	0.40	15.55	4.41	1.90	0.11

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.10	18.20	4.68	2.12	0.07
15.65	4.42	1.91	0.10	18.25	4.69	2.12	0.07
15.70	4.42	1.91	0.10	18.30	4.69	2.12	0.06
15.75	4.43	1.92	0.10	18.35	4.70	2.12	0.06
15.80	4.44	1.92	0.10	18.40	4.70	2.13	0.06
15.85	4.44	1.93	0.10	18.45	4.70	2.13	0.06
15.90	4.45	1.93	0.10	18.50	4.71	2.13	0.06
15.95	4.46	1.94	0.10	18.55	4.71	2.14	0.06
16.00	4.46	1.94	0.10	18.60	4.72	2.14	0.06
16.05	4.47	1.95	0.10	18.65	4.72	2.14	0.06
16.10	4.47	1.95	0.10	18.70	4.72	2.15	0.06
16.15	4.48	1.96	0.10	18.75	4.73	2.15	0.06
16.20	4.49	1.96	0.10	18.80	4.73	2.15	0.06
16.25	4.49	1.97	0.10	18.85	4.74	2.16	0.06
16.30	4.50	1.97	0.09	18.90	4.74	2.16	0.06
16.35	4.50	1.98	0.09	18.95	4.74	2.16	0.06
16.40	4.51	1.98	0.09	19.00	4.75	2.16	0.06
16.45	4.52	1.98	0.09	19.05	4.75	2.17	0.06
16.50	4.52	1.99	0.09	19.10	4.76	2.17	0.06
16.55	4.53	1.99	0.09	19.15	4.76	2.17	0.06
16.60	4.53	2.00	0.09	19.20	4.76	2.18	0.06
16.65	4.54	2.00	0.09	19.25	4.77	2.18	0.06
16.70	4.54	2.01	0.09	19.30	4.77	2.18	0.06
16.75	4.55	2.01	0.09	19.35	4.77	2.19	0.06
16.80	4.55	2.01	0.09	19.40	4.78	2.19	0.06
16.85	4.56	2.02	0.09	19.45	4.78	2.19	0.06
16.90	4.57	2.02	0.09	19.50	4.79	2.19	0.06
16.95	4.57	2.03	0.08	19.55	4.79	2.20	0.06
17.00	4.58	2.03	0.08	19.60	4.79	2.20	0.06
17.05	4.58	2.03	0.08	19.65	4.80	2.20	0.06
17.10	4.59	2.04	0.08	19.70	4.80	2.21	0.06
17.15	4.59	2.04	0.08	19.75	4.80	2.21	0.06
17.20	4.60	2.05	0.08	19.80	4.81	2.21	0.06
17.25	4.60	2.05	0.08	19.85	4.81	2.21	0.06
17.30	4.61	2.05	0.08	19.90	4.81	2.22	0.06
17.35	4.61	2.06	0.08	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.08	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.08	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.08	20.10	4.83	2.23	0.06
17.55	4.63	2.07	0.08	20.15	4.83	2.23	0.06
17.60	4.63	2.08	0.07	20.20	4.84	2.23	0.06
17.65	4.64	2.08	0.07	20.25	4.84	2.24	0.06
17.70	4.64	2.08	0.07	20.30	4.84	2.24	0.06
17.75	4.65	2.09	0.07	20.35	4.85	2.24	0.06
17.80	4.65	2.09	0.07	20.40	4.85	2.25	0.06
17.85	4.66	2.09	0.07	20.45	4.85	2.25	0.06
17.90	4.66	2.10	0.07	20.50	4.86	2.25	0.06
17.95	4.66	2.10	0.07	20.55	4.86	2.25	0.06
18.00	4.67	2.10	0.07	20.60	4.86	2.26	0.06
18.05	4.67	2.11	0.07	20.65	4.87	2.26	0.06
18.10	4.68	2.11	0.07	20.70	4.87	2.26	0.06
18.15	4.68	2.11	0.07	20.75	4.87	2.26	0.06

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.06	23.40	5.04	2.39	0.05
20.85	4.88	2.27	0.06	23.45	5.04	2.40	0.05
20.90	4.88	2.27	0.06	23.50	5.04	2.40	0.05
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.05	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.05	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.05	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.05	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.05	24.00	5.07	2.42	0.05
21.45	4.92	2.30	0.05	24.05	5.07	2.42	0.05
21.50	4.92	2.30	0.05	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.05	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.05	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.05	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.05	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.05	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.05	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.05	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.05	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.05	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.05	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.05	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.05	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.05	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.05	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.05	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.05	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.05	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.05	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.05	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.05	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.05	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.05	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.05	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.05	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.05	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.05	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 3.41 cfs @ 12.17 hrs, Volume= 0.298 af, Depth= 4.83"
 Routed to Pond B-38 : Basin #38

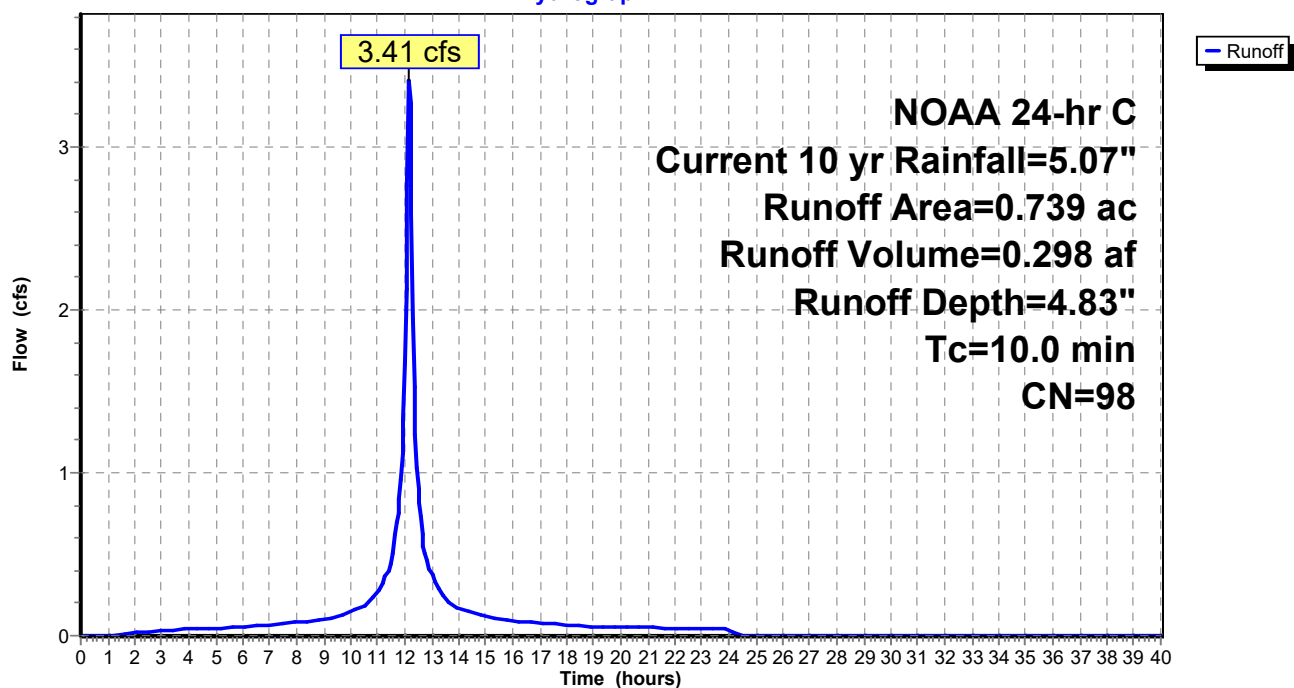
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.03
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.03
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.04
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.04
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.04
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.05
2.40	0.14	0.03	0.02	5.00	0.32	0.16	0.05
2.45	0.14	0.03	0.02	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.08
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.08
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.08
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.08
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.08
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.08
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.08
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.09
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.09
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.09
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.09
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.09
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.09
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.09
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.09
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.09
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.09
6.15	0.41	0.24	0.05	8.75	0.71	0.51	0.09
6.20	0.42	0.25	0.05	8.80	0.71	0.51	0.10
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.10
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.10
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.10
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.10
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.10
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.10
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.10
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.11
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.11
6.70	0.46	0.29	0.06	9.30	0.79	0.59	0.11
6.75	0.47	0.29	0.06	9.35	0.80	0.59	0.11
6.80	0.47	0.29	0.06	9.40	0.80	0.60	0.12
6.85	0.48	0.30	0.06	9.45	0.81	0.61	0.12
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.12
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.13
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.13
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.13
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.13
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.14
7.20	0.52	0.33	0.07	9.80	0.88	0.68	0.14
7.25	0.52	0.34	0.07	9.85	0.89	0.69	0.14
7.30	0.53	0.34	0.07	9.90	0.90	0.70	0.15
7.35	0.53	0.35	0.07	9.95	0.91	0.71	0.15
7.40	0.54	0.35	0.07	10.00	0.92	0.72	0.15
7.45	0.54	0.36	0.07	10.05	0.94	0.73	0.15
7.50	0.55	0.36	0.07	10.10	0.95	0.74	0.16
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.16
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.16
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.17
7.70	0.57	0.38	0.08	10.30	0.99	0.79	0.17
7.75	0.58	0.39	0.08	10.35	1.01	0.80	0.17

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.17	13.00	3.85	3.62	0.38
10.45	1.03	0.82	0.18	13.05	3.87	3.64	0.36
10.50	1.04	0.83	0.18	13.10	3.89	3.66	0.34
10.55	1.06	0.85	0.18	13.15	3.91	3.68	0.32
10.60	1.07	0.86	0.19	13.20	3.93	3.70	0.30
10.65	1.09	0.88	0.20	13.25	3.95	3.71	0.29
10.70	1.10	0.89	0.21	13.30	3.97	3.73	0.28
10.75	1.12	0.91	0.22	13.35	3.98	3.75	0.27
10.80	1.14	0.93	0.23	13.40	4.00	3.76	0.26
10.85	1.16	0.94	0.24	13.45	4.01	3.78	0.25
10.90	1.18	0.96	0.25	13.50	4.03	3.79	0.23
10.95	1.20	0.98	0.26	13.55	4.04	3.80	0.22
11.00	1.22	1.00	0.27	13.60	4.05	3.82	0.21
11.05	1.24	1.02	0.28	13.65	4.06	3.83	0.20
11.10	1.26	1.05	0.30	13.70	4.08	3.84	0.20
11.15	1.29	1.07	0.31	13.75	4.09	3.85	0.19
11.20	1.31	1.10	0.33	13.80	4.10	3.86	0.19
11.25	1.34	1.12	0.35	13.85	4.11	3.88	0.18
11.30	1.37	1.15	0.37	13.90	4.12	3.89	0.18
11.35	1.40	1.18	0.39	13.95	4.13	3.90	0.18
11.40	1.43	1.21	0.41	14.00	4.15	3.91	0.17
11.45	1.47	1.25	0.43	14.05	4.16	3.92	0.17
11.50	1.50	1.28	0.45	14.10	4.17	3.93	0.17
11.55	1.55	1.33	0.48	14.15	4.18	3.94	0.17
11.60	1.60	1.38	0.54	14.20	4.19	3.95	0.16
11.65	1.65	1.43	0.63	14.25	4.20	3.96	0.16
11.70	1.71	1.49	0.70	14.30	4.21	3.97	0.16
11.75	1.78	1.56	0.76	14.35	4.22	3.98	0.15
11.80	1.86	1.63	0.84	14.40	4.23	3.99	0.15
11.85	1.96	1.73	0.96	14.45	4.24	4.00	0.15
11.90	2.06	1.84	1.12	14.50	4.25	4.01	0.15
11.95	2.24	2.01	1.33	14.55	4.26	4.02	0.14
12.00	2.42	2.19	1.67	14.60	4.27	4.03	0.14
12.05	2.71	2.48	2.13	14.65	4.27	4.04	0.14
12.10	3.01	2.78	2.76	14.70	4.28	4.05	0.13
12.15	3.11	2.88	3.37	14.75	4.29	4.06	0.13
12.20	3.21	2.98	3.27	14.80	4.30	4.06	0.13
12.25	3.29	3.05	2.59	14.85	4.31	4.07	0.13
12.30	3.36	3.13	1.95	14.90	4.31	4.08	0.12
12.35	3.42	3.18	1.53	14.95	4.32	4.09	0.12
12.40	3.47	3.24	1.24	15.00	4.33	4.09	0.12
12.45	3.52	3.29	1.04	15.05	4.34	4.10	0.11
12.50	3.57	3.34	0.91	15.10	4.34	4.11	0.11
12.55	3.60	3.37	0.82	15.15	4.35	4.12	0.11
12.60	3.64	3.40	0.73	15.20	4.36	4.12	0.11
12.65	3.67	3.43	0.63	15.25	4.36	4.13	0.11
12.70	3.70	3.47	0.55	15.30	4.37	4.14	0.10
12.75	3.73	3.49	0.50	15.35	4.38	4.14	0.10
12.80	3.76	3.52	0.47	15.40	4.39	4.15	0.10
12.85	3.78	3.55	0.45	15.45	4.39	4.16	0.10
12.90	3.81	3.57	0.42	15.50	4.40	4.16	0.10
12.95	3.83	3.60	0.40	15.55	4.41	4.17	0.10

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.10	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.10	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.10	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.10	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.10	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.10	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.10	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.09	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.09	18.60	4.72	4.48	0.06
16.05	4.47	4.23	0.09	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.09	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.09	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.09	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.09	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.09	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.09	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.09	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.09	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.09	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.08	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.08	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.08	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.08	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.08	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.08	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.08	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.08	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.08	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.08	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.08	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.05
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.05
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.07	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.07	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.07	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.07	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.07	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.07	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.07	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.07	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.07	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.06	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.06	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.06	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.04
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 3.68 cfs @ 12.18 hrs, Volume= 0.277 af, Depth= 2.42"
 Routed to Pond B-38 : Basin #38

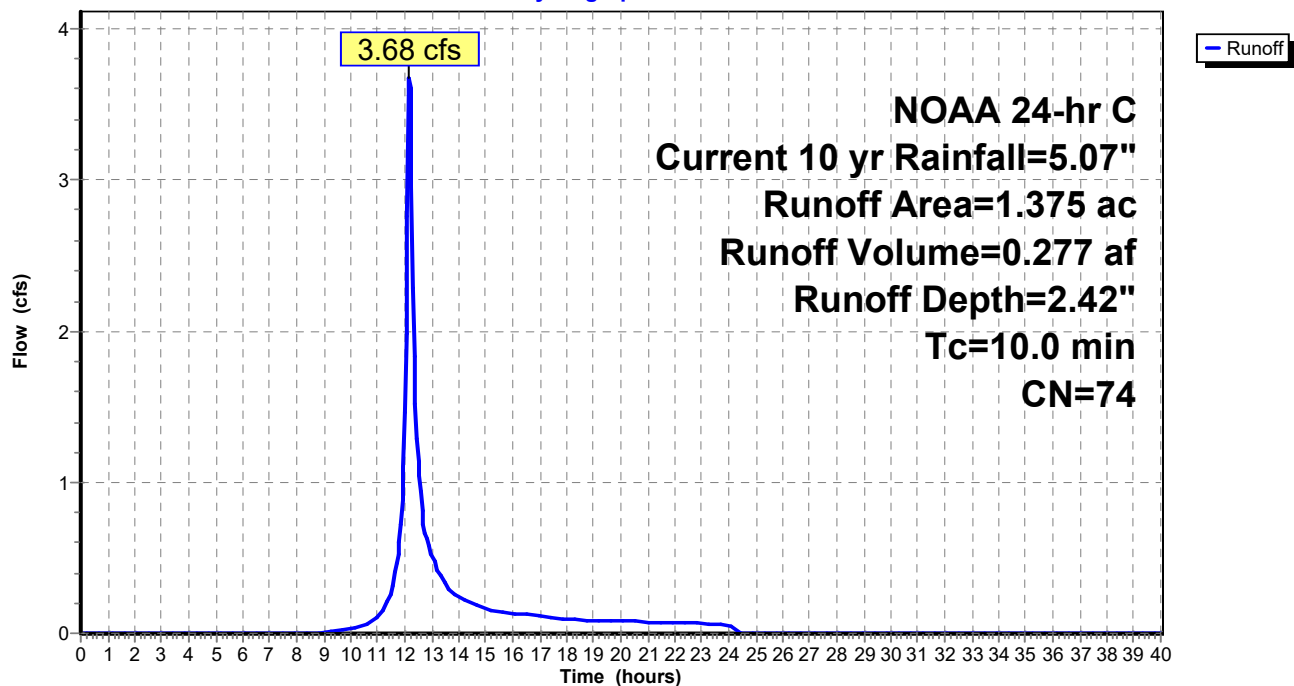
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.51
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.48
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.46
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.43
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.41
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.39
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.38
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.36
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.35
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.33
10.90	1.18	0.06	0.10	13.50	4.03	1.61	0.32
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.31
11.00	1.22	0.07	0.11	13.60	4.05	1.63	0.29
11.05	1.24	0.07	0.12	13.65	4.06	1.64	0.28
11.10	1.26	0.08	0.13	13.70	4.08	1.65	0.27
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.26
11.20	1.31	0.09	0.16	13.80	4.10	1.67	0.26
11.25	1.34	0.10	0.17	13.85	4.11	1.68	0.25
11.30	1.37	0.11	0.19	13.90	4.12	1.69	0.25
11.35	1.40	0.12	0.20	13.95	4.13	1.70	0.24
11.40	1.43	0.13	0.22	14.00	4.15	1.70	0.24
11.45	1.47	0.14	0.24	14.05	4.16	1.71	0.24
11.50	1.50	0.15	0.26	14.10	4.17	1.72	0.23
11.55	1.55	0.16	0.28	14.15	4.18	1.73	0.23
11.60	1.60	0.18	0.33	14.20	4.19	1.74	0.23
11.65	1.65	0.20	0.40	14.25	4.20	1.74	0.22
11.70	1.71	0.22	0.47	14.30	4.21	1.75	0.22
11.75	1.78	0.25	0.52	14.35	4.22	1.76	0.21
11.80	1.86	0.29	0.61	14.40	4.23	1.77	0.21
11.85	1.96	0.33	0.72	14.45	4.24	1.77	0.21
11.90	2.06	0.38	0.89	14.50	4.25	1.78	0.20
11.95	2.24	0.47	1.11	14.55	4.26	1.79	0.20
12.00	2.42	0.56	1.47	14.60	4.27	1.79	0.20
12.05	2.71	0.73	1.98	14.65	4.27	1.80	0.19
12.10	3.01	0.91	2.76	14.70	4.28	1.81	0.19
12.15	3.11	0.98	3.56	14.75	4.29	1.81	0.18
12.20	3.21	1.05	3.61	14.80	4.30	1.82	0.18
12.25	3.29	1.10	2.95	14.85	4.31	1.82	0.18
12.30	3.36	1.15	2.29	14.90	4.31	1.83	0.17
12.35	3.42	1.18	1.84	14.95	4.32	1.84	0.17
12.40	3.47	1.22	1.52	15.00	4.33	1.84	0.17
12.45	3.52	1.25	1.29	15.05	4.34	1.85	0.16
12.50	3.57	1.29	1.14	15.10	4.34	1.85	0.16
12.55	3.60	1.31	1.05	15.15	4.35	1.86	0.15
12.60	3.64	1.34	0.94	15.20	4.36	1.86	0.15
12.65	3.67	1.36	0.81	15.25	4.36	1.87	0.15
12.70	3.70	1.38	0.72	15.30	4.37	1.87	0.15
12.75	3.73	1.40	0.66	15.35	4.38	1.88	0.15
12.80	3.76	1.42	0.62	15.40	4.39	1.88	0.15
12.85	3.78	1.44	0.59	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.56	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.54	15.55	4.41	1.90	0.14

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.14	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.14	18.25	4.69	2.12	0.09
15.70	4.42	1.91	0.14	18.30	4.69	2.12	0.09
15.75	4.43	1.92	0.14	18.35	4.70	2.12	0.09
15.80	4.44	1.92	0.14	18.40	4.70	2.13	0.09
15.85	4.44	1.93	0.14	18.45	4.70	2.13	0.09
15.90	4.45	1.93	0.14	18.50	4.71	2.13	0.09
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.09
16.10	4.47	1.95	0.13	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.13	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.13	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.13	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.13	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.13	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.13	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.12	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.12	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.12	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.12	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.12	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.12	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.11	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.11	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.11	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.11	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.11	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.10	20.25	4.84	2.24	0.08
17.70	4.64	2.08	0.10	20.30	4.84	2.24	0.08
17.75	4.65	2.09	0.10	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.10	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.10	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.06
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.05
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.03
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 3.62 cfs @ 12.17 hrs, Volume= 0.315 af, Depth= 4.83"
 Routed to Pond B-39 : Basin #39

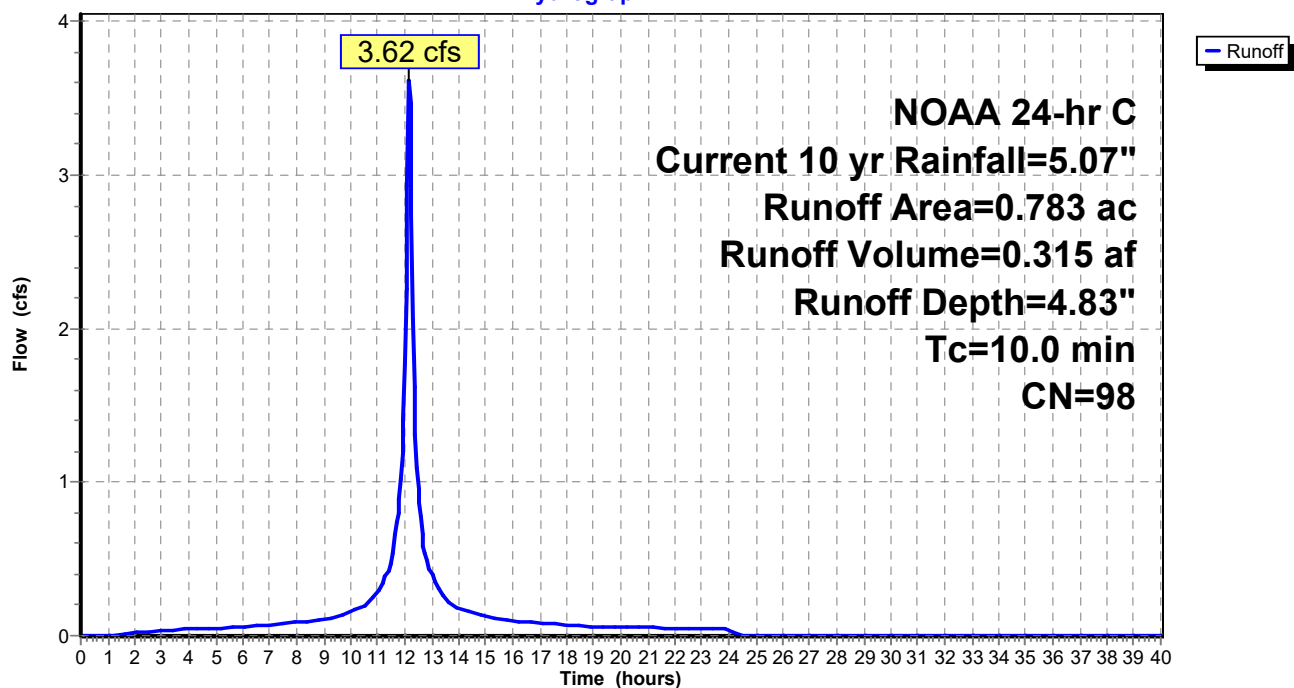
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.783	98	Weighted Average
0.783		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.05
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.05
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.08
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.09
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.09
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.09
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.09
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.10
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.10
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.10
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.10
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.10
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.10
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.10
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.10
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.11
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.11
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.11
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.11
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.12
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.12
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.13
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.13
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.14
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.14
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.14
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.14
7.20	0.52	0.33	0.07	9.80	0.88	0.68	0.15
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.15
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.15
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.16
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.16
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.16
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.17
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.17
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.17
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.17
7.70	0.57	0.38	0.08	10.30	0.99	0.79	0.18
7.75	0.58	0.39	0.08	10.35	1.01	0.80	0.18

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.18	13.00	3.85	3.62	0.40
10.45	1.03	0.82	0.19	13.05	3.87	3.64	0.38
10.50	1.04	0.83	0.19	13.10	3.89	3.66	0.36
10.55	1.06	0.85	0.19	13.15	3.91	3.68	0.34
10.60	1.07	0.86	0.20	13.20	3.93	3.70	0.32
10.65	1.09	0.88	0.21	13.25	3.95	3.71	0.31
10.70	1.10	0.89	0.22	13.30	3.97	3.73	0.30
10.75	1.12	0.91	0.23	13.35	3.98	3.75	0.28
10.80	1.14	0.93	0.24	13.40	4.00	3.76	0.27
10.85	1.16	0.94	0.25	13.45	4.01	3.78	0.26
10.90	1.18	0.96	0.26	13.50	4.03	3.79	0.25
10.95	1.20	0.98	0.27	13.55	4.04	3.80	0.24
11.00	1.22	1.00	0.29	13.60	4.05	3.82	0.23
11.05	1.24	1.02	0.30	13.65	4.06	3.83	0.22
11.10	1.26	1.05	0.31	13.70	4.08	3.84	0.21
11.15	1.29	1.07	0.33	13.75	4.09	3.85	0.20
11.20	1.31	1.10	0.35	13.80	4.10	3.86	0.20
11.25	1.34	1.12	0.37	13.85	4.11	3.88	0.19
11.30	1.37	1.15	0.39	13.90	4.12	3.89	0.19
11.35	1.40	1.18	0.42	13.95	4.13	3.90	0.19
11.40	1.43	1.21	0.44	14.00	4.15	3.91	0.18
11.45	1.47	1.25	0.46	14.05	4.16	3.92	0.18
11.50	1.50	1.28	0.48	14.10	4.17	3.93	0.18
11.55	1.55	1.33	0.50	14.15	4.18	3.94	0.18
11.60	1.60	1.38	0.57	14.20	4.19	3.95	0.17
11.65	1.65	1.43	0.67	14.25	4.20	3.96	0.17
11.70	1.71	1.49	0.74	14.30	4.21	3.97	0.17
11.75	1.78	1.56	0.80	14.35	4.22	3.98	0.16
11.80	1.86	1.63	0.89	14.40	4.23	3.99	0.16
11.85	1.96	1.73	1.02	14.45	4.24	4.00	0.16
11.90	2.06	1.84	1.19	14.50	4.25	4.01	0.15
11.95	2.24	2.01	1.41	14.55	4.26	4.02	0.15
12.00	2.42	2.19	1.77	14.60	4.27	4.03	0.15
12.05	2.71	2.48	2.25	14.65	4.27	4.04	0.15
12.10	3.01	2.78	2.93	14.70	4.28	4.05	0.14
12.15	3.11	2.88	3.57	14.75	4.29	4.06	0.14
12.20	3.21	2.98	3.47	14.80	4.30	4.06	0.14
12.25	3.29	3.05	2.75	14.85	4.31	4.07	0.13
12.30	3.36	3.13	2.07	14.90	4.31	4.08	0.13
12.35	3.42	3.18	1.62	14.95	4.32	4.09	0.13
12.40	3.47	3.24	1.32	15.00	4.33	4.09	0.12
12.45	3.52	3.29	1.10	15.05	4.34	4.10	0.12
12.50	3.57	3.34	0.96	15.10	4.34	4.11	0.12
12.55	3.60	3.37	0.87	15.15	4.35	4.12	0.12
12.60	3.64	3.40	0.77	15.20	4.36	4.12	0.11
12.65	3.67	3.43	0.66	15.25	4.36	4.13	0.11
12.70	3.70	3.47	0.58	15.30	4.37	4.14	0.11
12.75	3.73	3.49	0.53	15.35	4.38	4.14	0.11
12.80	3.76	3.52	0.50	15.40	4.39	4.15	0.11
12.85	3.78	3.55	0.47	15.45	4.39	4.16	0.11
12.90	3.81	3.57	0.45	15.50	4.40	4.16	0.11
12.95	3.83	3.60	0.43	15.55	4.41	4.17	0.11

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.11	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.10	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.10	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.10	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.10	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.10	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.10	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.10	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.10	18.60	4.72	4.48	0.06
16.05	4.47	4.23	0.10	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.10	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.10	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.10	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.10	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.09	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.09	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.09	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.09	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.09	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.09	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.09	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.09	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.09	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.09	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.09	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.08	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.08	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.08	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.08	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.08	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.08	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.08	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.08	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.08	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.07	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.07	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.07	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.07	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.07	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.07	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 39P: PDA-39 (pervious)

Runoff = 2.94 cfs @ 12.18 hrs, Volume= 0.222 af, Depth= 2.42"
 Routed to Pond B-39 : Basin #39

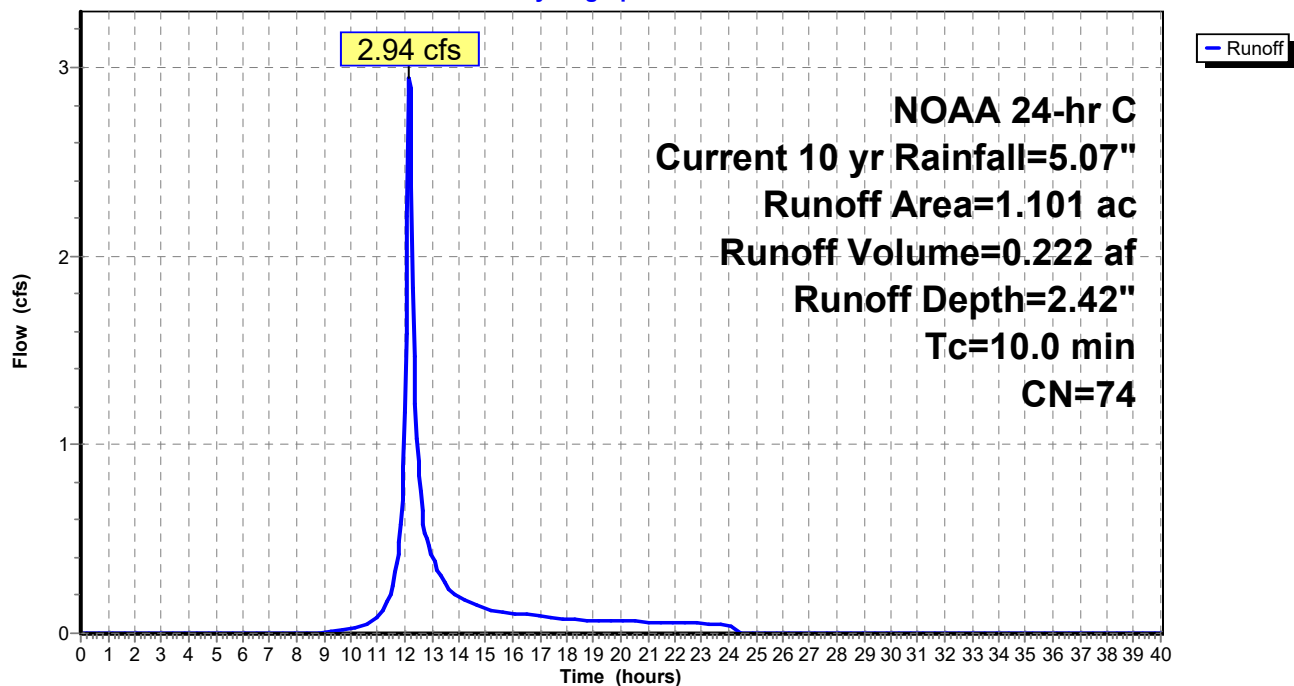
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.101	74	>75% Grass cover, Good, HSG C
1.101		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 39P: PDA-39 (pervious)

Hydrograph



Hydrograph for Subcatchment 39P: PDA-39 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.04	13.00	3.85	1.49	0.41
10.45	1.03	0.03	0.04	13.05	3.87	1.50	0.39
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.37
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.35
10.60	1.07	0.04	0.05	13.20	3.93	1.55	0.33
10.65	1.09	0.04	0.05	13.25	3.95	1.56	0.32
10.70	1.10	0.04	0.06	13.30	3.97	1.57	0.30
10.75	1.12	0.04	0.06	13.35	3.98	1.58	0.29
10.80	1.14	0.05	0.07	13.40	4.00	1.59	0.28
10.85	1.16	0.05	0.07	13.45	4.01	1.60	0.27
10.90	1.18	0.06	0.08	13.50	4.03	1.61	0.26
10.95	1.20	0.06	0.08	13.55	4.04	1.62	0.25
11.00	1.22	0.07	0.09	13.60	4.05	1.63	0.23
11.05	1.24	0.07	0.10	13.65	4.06	1.64	0.22
11.10	1.26	0.08	0.10	13.70	4.08	1.65	0.21
11.15	1.29	0.08	0.11	13.75	4.09	1.66	0.21
11.20	1.31	0.09	0.13	13.80	4.10	1.67	0.21
11.25	1.34	0.10	0.14	13.85	4.11	1.68	0.20
11.30	1.37	0.11	0.15	13.90	4.12	1.69	0.20
11.35	1.40	0.12	0.16	13.95	4.13	1.70	0.20
11.40	1.43	0.13	0.18	14.00	4.15	1.70	0.19
11.45	1.47	0.14	0.19	14.05	4.16	1.71	0.19
11.50	1.50	0.15	0.21	14.10	4.17	1.72	0.19
11.55	1.55	0.16	0.23	14.15	4.18	1.73	0.18
11.60	1.60	0.18	0.27	14.20	4.19	1.74	0.18
11.65	1.65	0.20	0.32	14.25	4.20	1.74	0.18
11.70	1.71	0.22	0.37	14.30	4.21	1.75	0.18
11.75	1.78	0.25	0.42	14.35	4.22	1.76	0.17
11.80	1.86	0.29	0.49	14.40	4.23	1.77	0.17
11.85	1.96	0.33	0.58	14.45	4.24	1.77	0.17
11.90	2.06	0.38	0.71	14.50	4.25	1.78	0.16
11.95	2.24	0.47	0.89	14.55	4.26	1.79	0.16
12.00	2.42	0.56	1.17	14.60	4.27	1.79	0.16
12.05	2.71	0.73	1.59	14.65	4.27	1.80	0.15
12.10	3.01	0.91	2.21	14.70	4.28	1.81	0.15
12.15	3.11	0.98	2.85	14.75	4.29	1.81	0.15
12.20	3.21	1.05	2.89	14.80	4.30	1.82	0.14
12.25	3.29	1.10	2.36	14.85	4.31	1.82	0.14
12.30	3.36	1.15	1.83	14.90	4.31	1.83	0.14
12.35	3.42	1.18	1.47	14.95	4.32	1.84	0.14
12.40	3.47	1.22	1.22	15.00	4.33	1.84	0.13
12.45	3.52	1.25	1.03	15.05	4.34	1.85	0.13
12.50	3.57	1.29	0.91	15.10	4.34	1.85	0.13
12.55	3.60	1.31	0.84	15.15	4.35	1.86	0.12
12.60	3.64	1.34	0.75	15.20	4.36	1.86	0.12
12.65	3.67	1.36	0.65	15.25	4.36	1.87	0.12
12.70	3.70	1.38	0.57	15.30	4.37	1.87	0.12
12.75	3.73	1.40	0.53	15.35	4.38	1.88	0.12
12.80	3.76	1.42	0.50	15.40	4.39	1.88	0.12
12.85	3.78	1.44	0.47	15.45	4.39	1.89	0.12
12.90	3.81	1.46	0.45	15.50	4.40	1.89	0.12
12.95	3.83	1.47	0.43	15.55	4.41	1.90	0.11

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.11	18.20	4.68	2.12	0.07
15.65	4.42	1.91	0.11	18.25	4.69	2.12	0.07
15.70	4.42	1.91	0.11	18.30	4.69	2.12	0.07
15.75	4.43	1.92	0.11	18.35	4.70	2.12	0.07
15.80	4.44	1.92	0.11	18.40	4.70	2.13	0.07
15.85	4.44	1.93	0.11	18.45	4.70	2.13	0.07
15.90	4.45	1.93	0.11	18.50	4.71	2.13	0.07
15.95	4.46	1.94	0.11	18.55	4.71	2.14	0.07
16.00	4.46	1.94	0.11	18.60	4.72	2.14	0.07
16.05	4.47	1.95	0.11	18.65	4.72	2.14	0.07
16.10	4.47	1.95	0.11	18.70	4.72	2.15	0.07
16.15	4.48	1.96	0.10	18.75	4.73	2.15	0.07
16.20	4.49	1.96	0.10	18.80	4.73	2.15	0.07
16.25	4.49	1.97	0.10	18.85	4.74	2.16	0.07
16.30	4.50	1.97	0.10	18.90	4.74	2.16	0.07
16.35	4.50	1.98	0.10	18.95	4.74	2.16	0.07
16.40	4.51	1.98	0.10	19.00	4.75	2.16	0.07
16.45	4.52	1.98	0.10	19.05	4.75	2.17	0.07
16.50	4.52	1.99	0.10	19.10	4.76	2.17	0.07
16.55	4.53	1.99	0.10	19.15	4.76	2.17	0.07
16.60	4.53	2.00	0.10	19.20	4.76	2.18	0.07
16.65	4.54	2.00	0.10	19.25	4.77	2.18	0.07
16.70	4.54	2.01	0.10	19.30	4.77	2.18	0.07
16.75	4.55	2.01	0.10	19.35	4.77	2.19	0.07
16.80	4.55	2.01	0.09	19.40	4.78	2.19	0.07
16.85	4.56	2.02	0.09	19.45	4.78	2.19	0.07
16.90	4.57	2.02	0.09	19.50	4.79	2.19	0.07
16.95	4.57	2.03	0.09	19.55	4.79	2.20	0.07
17.00	4.58	2.03	0.09	19.60	4.79	2.20	0.07
17.05	4.58	2.03	0.09	19.65	4.80	2.20	0.06
17.10	4.59	2.04	0.09	19.70	4.80	2.21	0.06
17.15	4.59	2.04	0.09	19.75	4.80	2.21	0.06
17.20	4.60	2.05	0.09	19.80	4.81	2.21	0.06
17.25	4.60	2.05	0.09	19.85	4.81	2.21	0.06
17.30	4.61	2.05	0.09	19.90	4.81	2.22	0.06
17.35	4.61	2.06	0.08	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.08	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.08	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.08	20.10	4.83	2.23	0.06
17.55	4.63	2.07	0.08	20.15	4.83	2.23	0.06
17.60	4.63	2.08	0.08	20.20	4.84	2.23	0.06
17.65	4.64	2.08	0.08	20.25	4.84	2.24	0.06
17.70	4.64	2.08	0.08	20.30	4.84	2.24	0.06
17.75	4.65	2.09	0.08	20.35	4.85	2.24	0.06
17.80	4.65	2.09	0.08	20.40	4.85	2.25	0.06
17.85	4.66	2.09	0.08	20.45	4.85	2.25	0.06
17.90	4.66	2.10	0.08	20.50	4.86	2.25	0.06
17.95	4.66	2.10	0.07	20.55	4.86	2.25	0.06
18.00	4.67	2.10	0.07	20.60	4.86	2.26	0.06
18.05	4.67	2.11	0.07	20.65	4.87	2.26	0.06
18.10	4.68	2.11	0.07	20.70	4.87	2.26	0.06
18.15	4.68	2.11	0.07	20.75	4.87	2.26	0.06

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.06	23.40	5.04	2.39	0.05
20.85	4.88	2.27	0.06	23.45	5.04	2.40	0.05
20.90	4.88	2.27	0.06	23.50	5.04	2.40	0.05
20.95	4.89	2.28	0.06	23.55	5.04	2.40	0.05
21.00	4.89	2.28	0.06	23.60	5.05	2.40	0.05
21.05	4.89	2.28	0.06	23.65	5.05	2.40	0.05
21.10	4.90	2.28	0.06	23.70	5.05	2.41	0.05
21.15	4.90	2.29	0.06	23.75	5.06	2.41	0.05
21.20	4.90	2.29	0.06	23.80	5.06	2.41	0.05
21.25	4.91	2.29	0.06	23.85	5.06	2.41	0.05
21.30	4.91	2.29	0.06	23.90	5.06	2.42	0.05
21.35	4.91	2.30	0.06	23.95	5.07	2.42	0.05
21.40	4.92	2.30	0.06	24.00	5.07	2.42	0.05
21.45	4.92	2.30	0.06	24.05	5.07	2.42	0.05
21.50	4.92	2.30	0.06	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.06	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.06	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.06	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.06	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.06	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.06	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.06	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.06	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.06	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.06	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.05	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.05	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.05	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.05	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.05	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.05	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.05	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.05	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.05	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.05	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.05	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.05	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.05	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.05	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.05	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.05	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 40I: PDA-40 (impervious)

Runoff = 4.11 cfs @ 12.17 hrs, Volume= 0.359 af, Depth= 4.83"
 Routed to Pond B-40 : Basin #40

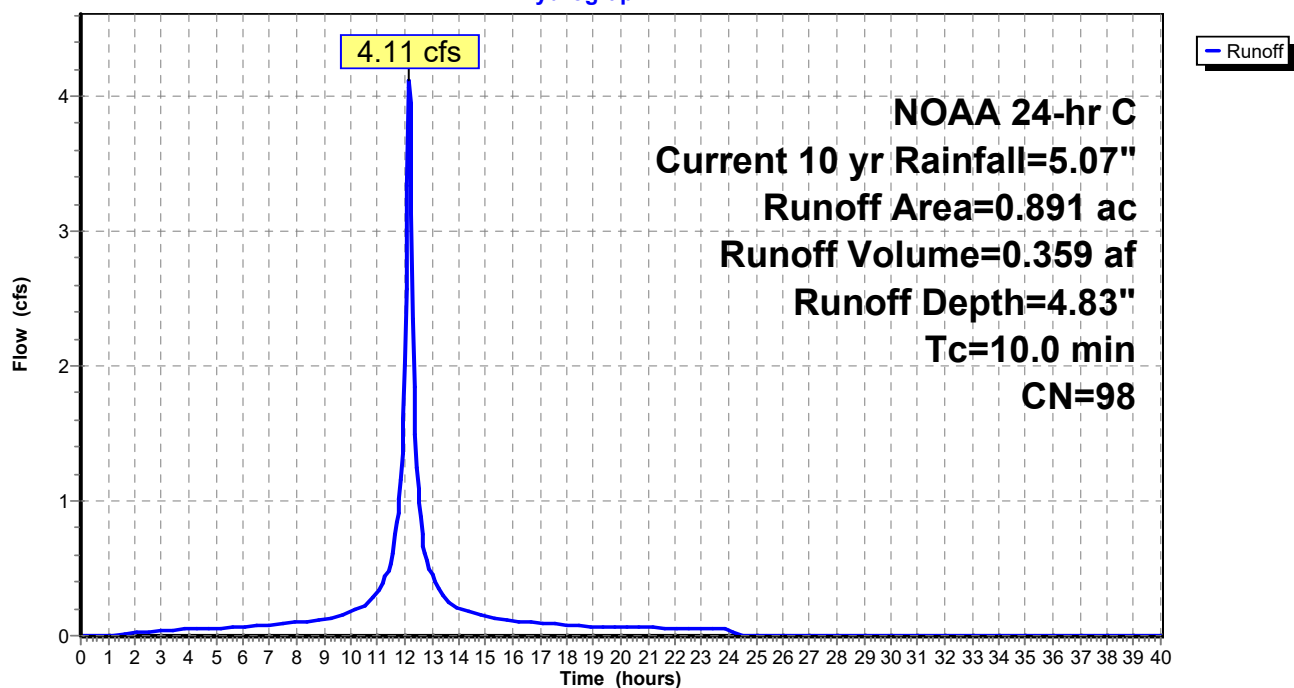
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.891	98	Weighted Average
0.891		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 40I: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.04
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.04
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.04
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.05
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.05
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.05
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.05
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.05
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.06
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.06
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.06
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.06
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.06

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.10
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.10
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.10
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.10
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.11
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.11
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.11
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.11
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.12
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.12
6.55	0.45	0.27	0.07	9.15	0.76	0.56	0.12
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.13
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.13
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.13
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.14
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.14
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.14
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.15
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.15
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.15
7.05	0.50	0.32	0.08	9.65	0.85	0.65	0.16
7.10	0.50	0.32	0.08	9.70	0.86	0.66	0.16
7.15	0.51	0.33	0.08	9.75	0.87	0.67	0.16
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.17
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.17
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.17
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.18
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.18
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.19
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.19
7.55	0.55	0.37	0.09	10.15	0.96	0.75	0.19
7.60	0.56	0.37	0.09	10.20	0.97	0.76	0.20
7.65	0.57	0.38	0.09	10.25	0.98	0.77	0.20
7.70	0.57	0.38	0.09	10.30	0.99	0.79	0.20
7.75	0.58	0.39	0.09	10.35	1.01	0.80	0.21

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.21	13.00	3.85	3.62	0.46
10.45	1.03	0.82	0.21	13.05	3.87	3.64	0.44
10.50	1.04	0.83	0.22	13.10	3.89	3.66	0.41
10.55	1.06	0.85	0.22	13.15	3.91	3.68	0.39
10.60	1.07	0.86	0.23	13.20	3.93	3.70	0.37
10.65	1.09	0.88	0.24	13.25	3.95	3.71	0.35
10.70	1.10	0.89	0.25	13.30	3.97	3.73	0.34
10.75	1.12	0.91	0.26	13.35	3.98	3.75	0.32
10.80	1.14	0.93	0.27	13.40	4.00	3.76	0.31
10.85	1.16	0.94	0.29	13.45	4.01	3.78	0.30
10.90	1.18	0.96	0.30	13.50	4.03	3.79	0.28
10.95	1.20	0.98	0.31	13.55	4.04	3.80	0.27
11.00	1.22	1.00	0.33	13.60	4.05	3.82	0.26
11.05	1.24	1.02	0.34	13.65	4.06	3.83	0.24
11.10	1.26	1.05	0.36	13.70	4.08	3.84	0.24
11.15	1.29	1.07	0.38	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.40	13.80	4.10	3.86	0.22
11.25	1.34	1.12	0.42	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.45	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.47	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.50	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.52	14.05	4.16	3.92	0.21
11.50	1.50	1.28	0.54	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.57	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.65	14.20	4.19	3.95	0.20
11.65	1.65	1.43	0.76	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.85	14.30	4.21	3.97	0.19
11.75	1.78	1.56	0.91	14.35	4.22	3.98	0.19
11.80	1.86	1.63	1.01	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.16	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.35	14.50	4.25	4.01	0.18
11.95	2.24	2.01	1.61	14.55	4.26	4.02	0.17
12.00	2.42	2.19	2.01	14.60	4.27	4.03	0.17
12.05	2.71	2.48	2.57	14.65	4.27	4.04	0.17
12.10	3.01	2.78	3.33	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.06	14.75	4.29	4.06	0.16
12.20	3.21	2.98	3.95	14.80	4.30	4.06	0.15
12.25	3.29	3.05	3.13	14.85	4.31	4.07	0.15
12.30	3.36	3.13	2.36	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.85	14.95	4.32	4.09	0.14
12.40	3.47	3.24	1.50	15.00	4.33	4.09	0.14
12.45	3.52	3.29	1.25	15.05	4.34	4.10	0.14
12.50	3.57	3.34	1.09	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.99	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.88	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.75	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.66	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.61	15.35	4.38	4.14	0.12
12.80	3.76	3.52	0.57	15.40	4.39	4.15	0.12
12.85	3.78	3.55	0.54	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.51	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.49	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.11	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.10	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.05
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.04
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.02
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.01
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 40P: PDA-40 (pervious)

Runoff = 2.67 cfs @ 12.18 hrs, Volume= 0.201 af, Depth= 2.42"
 Routed to Pond B-40 : Basin #40

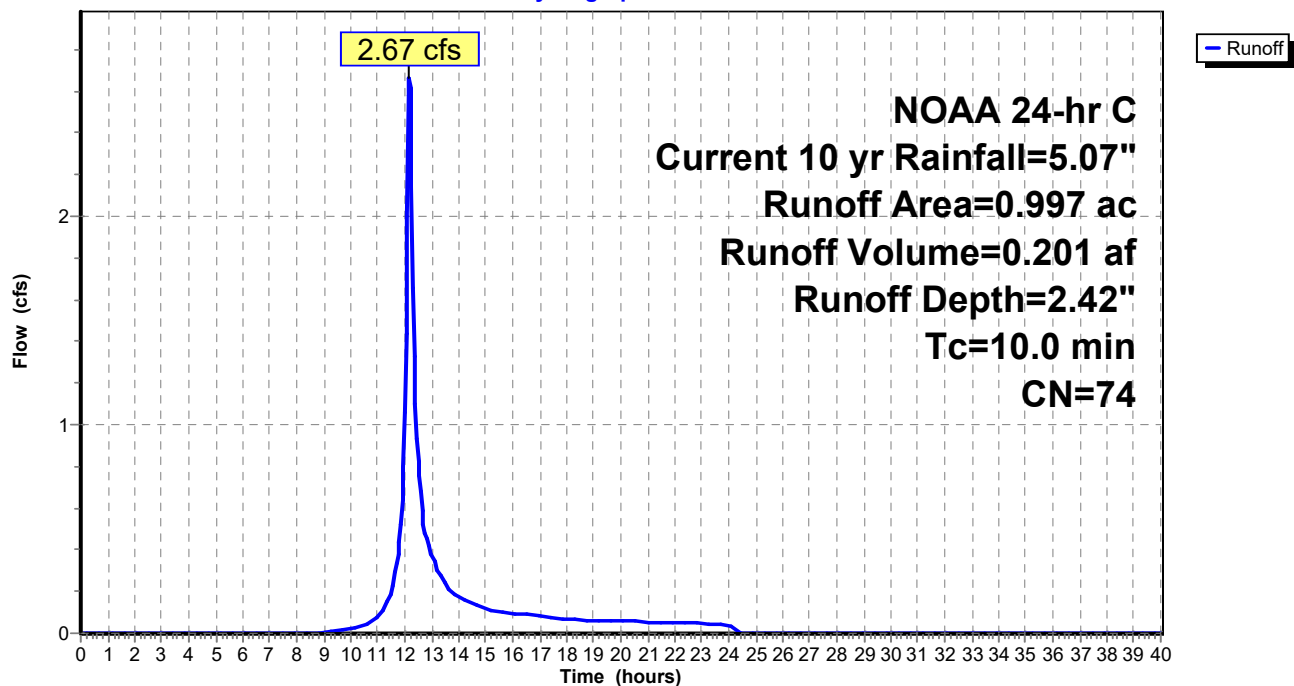
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.997	74	>75% Grass cover, Good, HSG C
0.997		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



Hydrograph for Subcatchment 40P: PDA-40 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.37
10.45	1.03	0.03	0.04	13.05	3.87	1.50	0.35
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.33
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.31
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.30
10.65	1.09	0.04	0.05	13.25	3.95	1.56	0.29
10.70	1.10	0.04	0.05	13.30	3.97	1.57	0.27
10.75	1.12	0.04	0.05	13.35	3.98	1.58	0.26
10.80	1.14	0.05	0.06	13.40	4.00	1.59	0.25
10.85	1.16	0.05	0.06	13.45	4.01	1.60	0.24
10.90	1.18	0.06	0.07	13.50	4.03	1.61	0.23
10.95	1.20	0.06	0.08	13.55	4.04	1.62	0.22
11.00	1.22	0.07	0.08	13.60	4.05	1.63	0.21
11.05	1.24	0.07	0.09	13.65	4.06	1.64	0.20
11.10	1.26	0.08	0.09	13.70	4.08	1.65	0.19
11.15	1.29	0.08	0.10	13.75	4.09	1.66	0.19
11.20	1.31	0.09	0.11	13.80	4.10	1.67	0.19
11.25	1.34	0.10	0.12	13.85	4.11	1.68	0.18
11.30	1.37	0.11	0.14	13.90	4.12	1.69	0.18
11.35	1.40	0.12	0.15	13.95	4.13	1.70	0.18
11.40	1.43	0.13	0.16	14.00	4.15	1.70	0.17
11.45	1.47	0.14	0.17	14.05	4.16	1.71	0.17
11.50	1.50	0.15	0.19	14.10	4.17	1.72	0.17
11.55	1.55	0.16	0.21	14.15	4.18	1.73	0.17
11.60	1.60	0.18	0.24	14.20	4.19	1.74	0.16
11.65	1.65	0.20	0.29	14.25	4.20	1.74	0.16
11.70	1.71	0.22	0.34	14.30	4.21	1.75	0.16
11.75	1.78	0.25	0.38	14.35	4.22	1.76	0.16
11.80	1.86	0.29	0.44	14.40	4.23	1.77	0.15
11.85	1.96	0.33	0.52	14.45	4.24	1.77	0.15
11.90	2.06	0.38	0.64	14.50	4.25	1.78	0.15
11.95	2.24	0.47	0.80	14.55	4.26	1.79	0.14
12.00	2.42	0.56	1.06	14.60	4.27	1.79	0.14
12.05	2.71	0.73	1.44	14.65	4.27	1.80	0.14
12.10	3.01	0.91	2.00	14.70	4.28	1.81	0.14
12.15	3.11	0.98	2.58	14.75	4.29	1.81	0.13
12.20	3.21	1.05	2.62	14.80	4.30	1.82	0.13
12.25	3.29	1.10	2.14	14.85	4.31	1.82	0.13
12.30	3.36	1.15	1.66	14.90	4.31	1.83	0.13
12.35	3.42	1.18	1.33	14.95	4.32	1.84	0.12
12.40	3.47	1.22	1.10	15.00	4.33	1.84	0.12
12.45	3.52	1.25	0.93	15.05	4.34	1.85	0.12
12.50	3.57	1.29	0.83	15.10	4.34	1.85	0.11
12.55	3.60	1.31	0.76	15.15	4.35	1.86	0.11
12.60	3.64	1.34	0.68	15.20	4.36	1.86	0.11
12.65	3.67	1.36	0.59	15.25	4.36	1.87	0.11
12.70	3.70	1.38	0.52	15.30	4.37	1.87	0.11
12.75	3.73	1.40	0.48	15.35	4.38	1.88	0.11
12.80	3.76	1.42	0.45	15.40	4.39	1.88	0.11
12.85	3.78	1.44	0.43	15.45	4.39	1.89	0.10
12.90	3.81	1.46	0.41	15.50	4.40	1.89	0.10
12.95	3.83	1.47	0.39	15.55	4.41	1.90	0.10

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.10	18.20	4.68	2.12	0.06
15.65	4.42	1.91	0.10	18.25	4.69	2.12	0.06
15.70	4.42	1.91	0.10	18.30	4.69	2.12	0.06
15.75	4.43	1.92	0.10	18.35	4.70	2.12	0.06
15.80	4.44	1.92	0.10	18.40	4.70	2.13	0.06
15.85	4.44	1.93	0.10	18.45	4.70	2.13	0.06
15.90	4.45	1.93	0.10	18.50	4.71	2.13	0.06
15.95	4.46	1.94	0.10	18.55	4.71	2.14	0.06
16.00	4.46	1.94	0.10	18.60	4.72	2.14	0.06
16.05	4.47	1.95	0.10	18.65	4.72	2.14	0.06
16.10	4.47	1.95	0.10	18.70	4.72	2.15	0.06
16.15	4.48	1.96	0.09	18.75	4.73	2.15	0.06
16.20	4.49	1.96	0.09	18.80	4.73	2.15	0.06
16.25	4.49	1.97	0.09	18.85	4.74	2.16	0.06
16.30	4.50	1.97	0.09	18.90	4.74	2.16	0.06
16.35	4.50	1.98	0.09	18.95	4.74	2.16	0.06
16.40	4.51	1.98	0.09	19.00	4.75	2.16	0.06
16.45	4.52	1.98	0.09	19.05	4.75	2.17	0.06
16.50	4.52	1.99	0.09	19.10	4.76	2.17	0.06
16.55	4.53	1.99	0.09	19.15	4.76	2.17	0.06
16.60	4.53	2.00	0.09	19.20	4.76	2.18	0.06
16.65	4.54	2.00	0.09	19.25	4.77	2.18	0.06
16.70	4.54	2.01	0.09	19.30	4.77	2.18	0.06
16.75	4.55	2.01	0.09	19.35	4.77	2.19	0.06
16.80	4.55	2.01	0.09	19.40	4.78	2.19	0.06
16.85	4.56	2.02	0.08	19.45	4.78	2.19	0.06
16.90	4.57	2.02	0.08	19.50	4.79	2.19	0.06
16.95	4.57	2.03	0.08	19.55	4.79	2.20	0.06
17.00	4.58	2.03	0.08	19.60	4.79	2.20	0.06
17.05	4.58	2.03	0.08	19.65	4.80	2.20	0.06
17.10	4.59	2.04	0.08	19.70	4.80	2.21	0.06
17.15	4.59	2.04	0.08	19.75	4.80	2.21	0.06
17.20	4.60	2.05	0.08	19.80	4.81	2.21	0.06
17.25	4.60	2.05	0.08	19.85	4.81	2.21	0.06
17.30	4.61	2.05	0.08	19.90	4.81	2.22	0.06
17.35	4.61	2.06	0.08	19.95	4.82	2.22	0.06
17.40	4.61	2.06	0.08	20.00	4.82	2.22	0.06
17.45	4.62	2.06	0.08	20.05	4.83	2.23	0.06
17.50	4.62	2.07	0.07	20.10	4.83	2.23	0.06
17.55	4.63	2.07	0.07	20.15	4.83	2.23	0.06
17.60	4.63	2.08	0.07	20.20	4.84	2.23	0.06
17.65	4.64	2.08	0.07	20.25	4.84	2.24	0.06
17.70	4.64	2.08	0.07	20.30	4.84	2.24	0.06
17.75	4.65	2.09	0.07	20.35	4.85	2.24	0.06
17.80	4.65	2.09	0.07	20.40	4.85	2.25	0.06
17.85	4.66	2.09	0.07	20.45	4.85	2.25	0.06
17.90	4.66	2.10	0.07	20.50	4.86	2.25	0.06
17.95	4.66	2.10	0.07	20.55	4.86	2.25	0.06
18.00	4.67	2.10	0.07	20.60	4.86	2.26	0.06
18.05	4.67	2.11	0.07	20.65	4.87	2.26	0.06
18.10	4.68	2.11	0.07	20.70	4.87	2.26	0.06
18.15	4.68	2.11	0.06	20.75	4.87	2.26	0.05

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.05	23.40	5.04	2.39	0.04
20.85	4.88	2.27	0.05	23.45	5.04	2.40	0.04
20.90	4.88	2.27	0.05	23.50	5.04	2.40	0.04
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.05	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.05	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.05	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.05	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.05	24.00	5.07	2.42	0.04
21.45	4.92	2.30	0.05	24.05	5.07	2.42	0.05
21.50	4.92	2.30	0.05	24.10	5.07	2.42	0.04
21.55	4.93	2.31	0.05	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.05	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.05	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.05	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.05	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.05	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.05	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.05	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.05	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.05	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.05	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.05	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.05	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.05	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.05	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.05	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.05	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.05	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.05	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.05	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.05	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.05	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.05	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.05	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.05	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.05	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.05	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.05	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.05	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.05	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.05	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.05	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.05	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.05	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.04	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.04	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment UPDA-3: PDA-3 (undetained)

Runoff = 8.90 cfs @ 12.18 hrs, Volume= 0.672 af, Depth= 2.42"

Routed to Link PDA-3 : Proposed Drainage Area #3

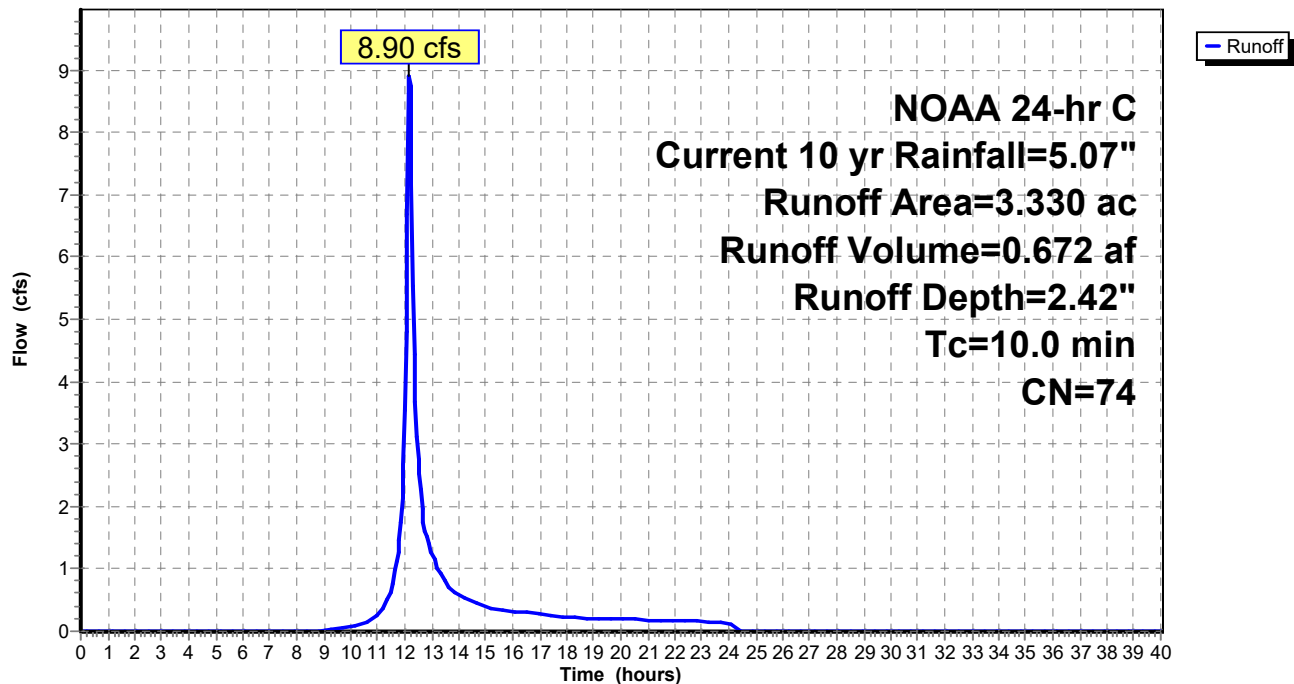
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
3.330	74	>75% Grass cover, Good, HSG C
3.330		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.01
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.01
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.02
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.02
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.02
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.02
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.03
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.03
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.03
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.04
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.04
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.04
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.05
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.05
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.06
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.06
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.07
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.07
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.08
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.08
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.09
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.09
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.10
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.10
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.11

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.11	13.00	3.85	1.49	1.23
10.45	1.03	0.03	0.12	13.05	3.87	1.50	1.17
10.50	1.04	0.03	0.13	13.10	3.89	1.52	1.11
10.55	1.06	0.03	0.13	13.15	3.91	1.53	1.05
10.60	1.07	0.04	0.14	13.20	3.93	1.55	1.00
10.65	1.09	0.04	0.16	13.25	3.95	1.56	0.95
10.70	1.10	0.04	0.17	13.30	3.97	1.57	0.92
10.75	1.12	0.04	0.18	13.35	3.98	1.58	0.88
10.80	1.14	0.05	0.20	13.40	4.00	1.59	0.85
10.85	1.16	0.05	0.21	13.45	4.01	1.60	0.81
10.90	1.18	0.06	0.23	13.50	4.03	1.61	0.78
10.95	1.20	0.06	0.25	13.55	4.04	1.62	0.74
11.00	1.22	0.07	0.27	13.60	4.05	1.63	0.71
11.05	1.24	0.07	0.29	13.65	4.06	1.64	0.67
11.10	1.26	0.08	0.32	13.70	4.08	1.65	0.65
11.15	1.29	0.08	0.35	13.75	4.09	1.66	0.63
11.20	1.31	0.09	0.38	13.80	4.10	1.67	0.62
11.25	1.34	0.10	0.42	13.85	4.11	1.68	0.61
11.30	1.37	0.11	0.45	13.90	4.12	1.69	0.60
11.35	1.40	0.12	0.49	13.95	4.13	1.70	0.59
11.40	1.43	0.13	0.54	14.00	4.15	1.70	0.58
11.45	1.47	0.14	0.58	14.05	4.16	1.71	0.57
11.50	1.50	0.15	0.63	14.10	4.17	1.72	0.56
11.55	1.55	0.16	0.69	14.15	4.18	1.73	0.56
11.60	1.60	0.18	0.81	14.20	4.19	1.74	0.55
11.65	1.65	0.20	0.98	14.25	4.20	1.74	0.54
11.70	1.71	0.22	1.13	14.30	4.21	1.75	0.53
11.75	1.78	0.25	1.27	14.35	4.22	1.76	0.52
11.80	1.86	0.29	1.47	14.40	4.23	1.77	0.51
11.85	1.96	0.33	1.75	14.45	4.24	1.77	0.50
11.90	2.06	0.38	2.14	14.50	4.25	1.78	0.49
11.95	2.24	0.47	2.68	14.55	4.26	1.79	0.48
12.00	2.42	0.56	3.55	14.60	4.27	1.79	0.47
12.05	2.71	0.73	4.81	14.65	4.27	1.80	0.47
12.10	3.01	0.91	6.67	14.70	4.28	1.81	0.46
12.15	3.11	0.98	8.62	14.75	4.29	1.81	0.45
12.20	3.21	1.05	8.75	14.80	4.30	1.82	0.44
12.25	3.29	1.10	7.15	14.85	4.31	1.82	0.43
12.30	3.36	1.15	5.53	14.90	4.31	1.83	0.42
12.35	3.42	1.18	4.45	14.95	4.32	1.84	0.41
12.40	3.47	1.22	3.68	15.00	4.33	1.84	0.40
12.45	3.52	1.25	3.12	15.05	4.34	1.85	0.39
12.50	3.57	1.29	2.76	15.10	4.34	1.85	0.38
12.55	3.60	1.31	2.54	15.15	4.35	1.86	0.37
12.60	3.64	1.34	2.27	15.20	4.36	1.86	0.37
12.65	3.67	1.36	1.96	15.25	4.36	1.87	0.36
12.70	3.70	1.38	1.73	15.30	4.37	1.87	0.36
12.75	3.73	1.40	1.60	15.35	4.38	1.88	0.36
12.80	3.76	1.42	1.50	15.40	4.39	1.88	0.35
12.85	3.78	1.44	1.43	15.45	4.39	1.89	0.35
12.90	3.81	1.46	1.36	15.50	4.40	1.89	0.35
12.95	3.83	1.47	1.30	15.55	4.41	1.90	0.35

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.34	18.20	4.68	2.12	0.21
15.65	4.42	1.91	0.34	18.25	4.69	2.12	0.21
15.70	4.42	1.91	0.34	18.30	4.69	2.12	0.21
15.75	4.43	1.92	0.34	18.35	4.70	2.12	0.21
15.80	4.44	1.92	0.33	18.40	4.70	2.13	0.21
15.85	4.44	1.93	0.33	18.45	4.70	2.13	0.21
15.90	4.45	1.93	0.33	18.50	4.71	2.13	0.21
15.95	4.46	1.94	0.33	18.55	4.71	2.14	0.21
16.00	4.46	1.94	0.32	18.60	4.72	2.14	0.21
16.05	4.47	1.95	0.32	18.65	4.72	2.14	0.21
16.10	4.47	1.95	0.32	18.70	4.72	2.15	0.21
16.15	4.48	1.96	0.32	18.75	4.73	2.15	0.21
16.20	4.49	1.96	0.31	18.80	4.73	2.15	0.21
16.25	4.49	1.97	0.31	18.85	4.74	2.16	0.21
16.30	4.50	1.97	0.31	18.90	4.74	2.16	0.21
16.35	4.50	1.98	0.31	18.95	4.74	2.16	0.20
16.40	4.51	1.98	0.30	19.00	4.75	2.16	0.20
16.45	4.52	1.98	0.30	19.05	4.75	2.17	0.20
16.50	4.52	1.99	0.30	19.10	4.76	2.17	0.20
16.55	4.53	1.99	0.30	19.15	4.76	2.17	0.20
16.60	4.53	2.00	0.29	19.20	4.76	2.18	0.20
16.65	4.54	2.00	0.29	19.25	4.77	2.18	0.20
16.70	4.54	2.01	0.29	19.30	4.77	2.18	0.20
16.75	4.55	2.01	0.29	19.35	4.77	2.19	0.20
16.80	4.55	2.01	0.28	19.40	4.78	2.19	0.20
16.85	4.56	2.02	0.28	19.45	4.78	2.19	0.20
16.90	4.57	2.02	0.28	19.50	4.79	2.19	0.20
16.95	4.57	2.03	0.28	19.55	4.79	2.20	0.20
17.00	4.58	2.03	0.27	19.60	4.79	2.20	0.20
17.05	4.58	2.03	0.27	19.65	4.80	2.20	0.20
17.10	4.59	2.04	0.27	19.70	4.80	2.21	0.20
17.15	4.59	2.04	0.27	19.75	4.80	2.21	0.19
17.20	4.60	2.05	0.27	19.80	4.81	2.21	0.19
17.25	4.60	2.05	0.26	19.85	4.81	2.21	0.19
17.30	4.61	2.05	0.26	19.90	4.81	2.22	0.19
17.35	4.61	2.06	0.26	19.95	4.82	2.22	0.19
17.40	4.61	2.06	0.25	20.00	4.82	2.22	0.19
17.45	4.62	2.06	0.25	20.05	4.83	2.23	0.19
17.50	4.62	2.07	0.25	20.10	4.83	2.23	0.19
17.55	4.63	2.07	0.25	20.15	4.83	2.23	0.19
17.60	4.63	2.08	0.24	20.20	4.84	2.23	0.19
17.65	4.64	2.08	0.24	20.25	4.84	2.24	0.19
17.70	4.64	2.08	0.24	20.30	4.84	2.24	0.19
17.75	4.65	2.09	0.24	20.35	4.85	2.24	0.19
17.80	4.65	2.09	0.23	20.40	4.85	2.25	0.19
17.85	4.66	2.09	0.23	20.45	4.85	2.25	0.19
17.90	4.66	2.10	0.23	20.50	4.86	2.25	0.19
17.95	4.66	2.10	0.23	20.55	4.86	2.25	0.18
18.00	4.67	2.10	0.22	20.60	4.86	2.26	0.18
18.05	4.67	2.11	0.22	20.65	4.87	2.26	0.18
18.10	4.68	2.11	0.22	20.70	4.87	2.26	0.18
18.15	4.68	2.11	0.22	20.75	4.87	2.26	0.18

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.18	23.40	5.04	2.39	0.15
20.85	4.88	2.27	0.18	23.45	5.04	2.40	0.15
20.90	4.88	2.27	0.18	23.50	5.04	2.40	0.15
20.95	4.89	2.28	0.18	23.55	5.04	2.40	0.15
21.00	4.89	2.28	0.18	23.60	5.05	2.40	0.15
21.05	4.89	2.28	0.18	23.65	5.05	2.40	0.15
21.10	4.90	2.28	0.18	23.70	5.05	2.41	0.14
21.15	4.90	2.29	0.18	23.75	5.06	2.41	0.14
21.20	4.90	2.29	0.18	23.80	5.06	2.41	0.14
21.25	4.91	2.29	0.18	23.85	5.06	2.41	0.14
21.30	4.91	2.29	0.18	23.90	5.06	2.42	0.14
21.35	4.91	2.30	0.18	23.95	5.07	2.42	0.14
21.40	4.92	2.30	0.17	24.00	5.07	2.42	0.15
21.45	4.92	2.30	0.17	24.05	5.07	2.42	0.15
21.50	4.92	2.30	0.17	24.10	5.07	2.42	0.13
21.55	4.93	2.31	0.17	24.15	5.07	2.42	0.07
21.60	4.93	2.31	0.17	24.20	5.07	2.42	0.04
21.65	4.93	2.31	0.17	24.25	5.07	2.42	0.02
21.70	4.94	2.31	0.17	24.30	5.07	2.42	0.01
21.75	4.94	2.32	0.17	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.17	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.17	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.17	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.17	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.17	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.17	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.17	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.16	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.16	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.16	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.16	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.16	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.16	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.16	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.16	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.16	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.16	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.16	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.16	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.16	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.16	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.16	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.15	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.15	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.15	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.15	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.15	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.15	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.15	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.15	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.15	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.15	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 3.61 cfs @ 12.17 hrs, Volume= 0.293 af
 Outflow = 0.16 cfs @ 14.75 hrs, Volume= 0.243 af, Atten= 96%, Lag= 154.6 min
 Primary = 0.16 cfs @ 14.75 hrs, Volume= 0.243 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 187.34' @ 14.75 hrs Surf.Area= 7,023 sf Storage= 8,529 cf

Plug-Flow detention time= 627.7 min calculated for 0.243 af (83% of inflow)
 Center-of-Mass det. time= 552.3 min (1,348.8 - 796.5)

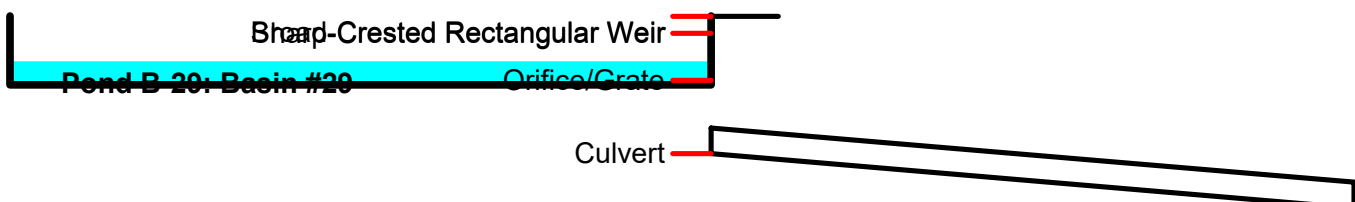
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	5,666	0	0
187.00	6,769	6,218	6,218
188.00	7,526	7,148	13,365
189.00	8,311	7,919	21,284
190.00	8,616	8,464	29,747

Device	Routing	Invert	Outlet Devices
#1	Primary	182.00'	18.0" Round Culvert L= 48.0' Ke= 0.500 Inlet / Outlet Invert= 182.00' / 178.85' S= 0.0656 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	186.27'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	189.99'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

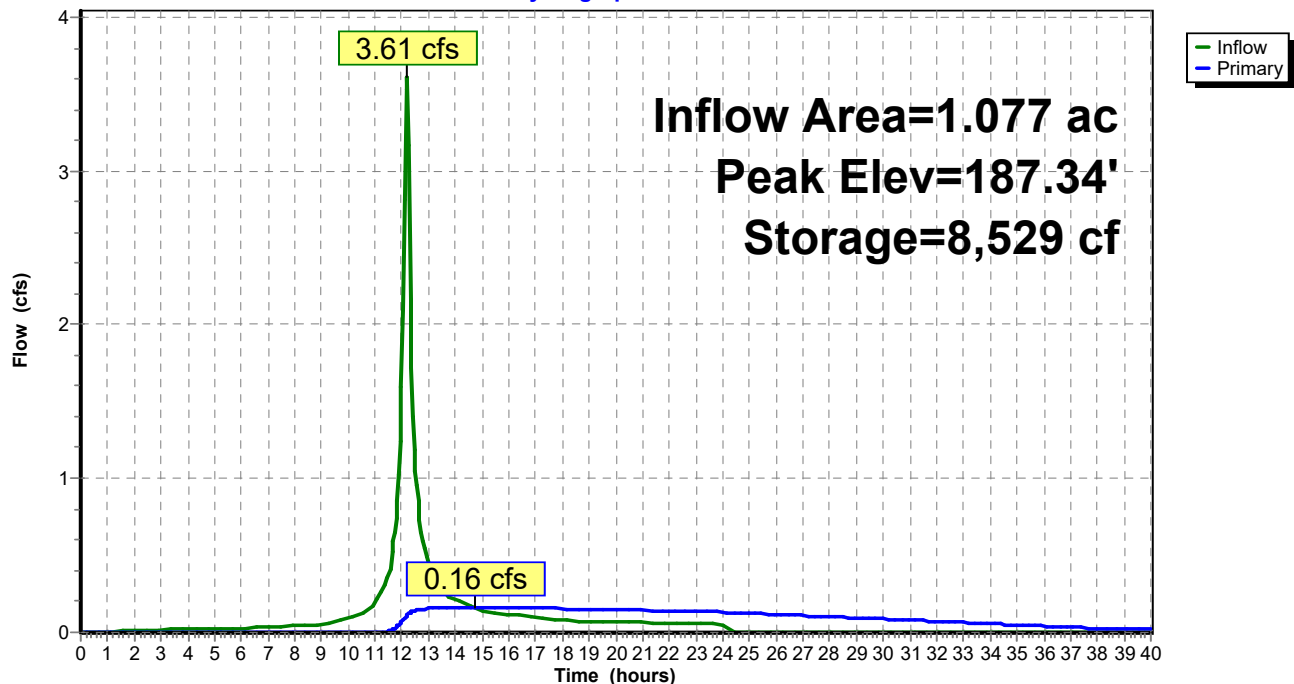
Primary OutFlow Max=0.16 cfs @ 14.75 hrs HW=187.34' (Free Discharge)

1=Culvert (Passes 0.16 cfs of 18.22 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.72 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	1	186.00	0.00
1.20	0.00	2	186.00	0.00
1.30	0.00	3	186.00	0.00
1.40	0.01	5	186.00	0.00
1.50	0.01	7	186.00	0.00
1.60	0.01	9	186.00	0.00
1.70	0.01	12	186.00	0.00
1.80	0.01	15	186.00	0.00
1.90	0.01	18	186.00	0.00
2.00	0.01	21	186.00	0.00
2.10	0.01	25	186.00	0.00
2.20	0.01	29	186.01	0.00
2.30	0.01	33	186.01	0.00
2.40	0.01	37	186.01	0.00
2.50	0.01	42	186.01	0.00
2.60	0.01	46	186.01	0.00
2.70	0.01	51	186.01	0.00
2.80	0.01	56	186.01	0.00
2.90	0.02	62	186.01	0.00
3.00	0.02	67	186.01	0.00
3.10	0.02	73	186.01	0.00
3.20	0.02	79	186.01	0.00
3.30	0.02	85	186.01	0.00
3.40	0.02	91	186.02	0.00
3.50	0.02	97	186.02	0.00
3.60	0.02	104	186.02	0.00
3.70	0.02	111	186.02	0.00
3.80	0.02	117	186.02	0.00
3.90	0.02	124	186.02	0.00
4.00	0.02	131	186.02	0.00
4.10	0.02	139	186.02	0.00
4.20	0.02	146	186.03	0.00
4.30	0.02	154	186.03	0.00
4.40	0.02	161	186.03	0.00
4.50	0.02	169	186.03	0.00
4.60	0.02	177	186.03	0.00
4.70	0.02	185	186.03	0.00
4.80	0.02	193	186.03	0.00
4.90	0.02	201	186.04	0.00
5.00	0.02	210	186.04	0.00
5.10	0.02	218	186.04	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	227	186.04	0.00
5.30	0.02	236	186.04	0.00
5.40	0.02	244	186.04	0.00
5.50	0.03	253	186.04	0.00
5.60	0.03	263	186.05	0.00
5.70	0.03	272	186.05	0.00
5.80	0.03	281	186.05	0.00
5.90	0.03	290	186.05	0.00
6.00	0.03	300	186.05	0.00
6.10	0.03	310	186.05	0.00
6.20	0.03	319	186.06	0.00
6.30	0.03	329	186.06	0.00
6.40	0.03	340	186.06	0.00
6.50	0.03	350	186.06	0.00
6.60	0.03	361	186.06	0.00
6.70	0.03	373	186.07	0.00
6.80	0.03	384	186.07	0.00
6.90	0.03	396	186.07	0.00
7.00	0.03	408	186.07	0.00
7.10	0.03	420	186.07	0.00
7.20	0.04	433	186.08	0.00
7.30	0.04	446	186.08	0.00
7.40	0.04	459	186.08	0.00
7.50	0.04	473	186.08	0.00
7.60	0.04	487	186.09	0.00
7.70	0.04	501	186.09	0.00
7.80	0.04	515	186.09	0.00
7.90	0.04	530	186.09	0.00
8.00	0.04	545	186.10	0.00
8.10	0.04	560	186.10	0.00
8.20	0.04	576	186.10	0.00
8.30	0.04	592	186.10	0.00
8.40	0.05	608	186.11	0.00
8.50	0.05	624	186.11	0.00
8.60	0.05	641	186.11	0.00
8.70	0.05	658	186.11	0.00
8.80	0.05	676	186.12	0.00
8.90	0.05	693	186.12	0.00
9.00	0.05	711	186.12	0.00
9.10	0.05	730	186.13	0.00
9.20	0.06	750	186.13	0.00
9.30	0.06	771	186.13	0.00
9.40	0.06	793	186.14	0.00
9.50	0.07	817	186.14	0.00
9.60	0.07	843	186.15	0.00
9.70	0.08	870	186.15	0.00
9.80	0.08	898	186.16	0.00
9.90	0.09	929	186.16	0.00
10.00	0.09	961	186.17	0.00
10.10	0.10	995	186.17	0.00
10.20	0.10	1,030	186.18	0.00
10.30	0.11	1,068	186.19	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,107	186.19	0.00
10.50	0.12	1,149	186.20	0.00
10.60	0.13	1,193	186.21	0.00
10.70	0.14	1,241	186.21	0.00
10.80	0.16	1,294	186.22	0.00
10.90	0.18	1,354	186.23	0.00
11.00	0.19	1,421	186.24	0.00
11.10	0.22	1,495	186.26	0.00
11.20	0.25	1,578	186.27	0.00
11.30	0.28	1,674	186.29	0.00
11.40	0.32	1,783	186.31	0.00
11.50	0.36	1,904	186.33	0.01
11.60	0.44	2,043	186.35	0.01
11.70	0.60	2,226	186.38	0.02
11.80	0.74	2,454	186.42	0.03
11.90	1.02	2,752	186.46	0.05
12.00	1.60	3,190	186.54	0.07
12.10	2.81	3,937	186.65	0.09
12.20	3.51	5,105	186.83	0.11
12.30	2.16	6,079	186.98	0.13
12.40	1.41	6,662	187.07	0.14
12.50	1.04	7,045	187.12	0.14
12.60	0.85	7,335	187.16	0.15
12.70	0.64	7,548	187.19	0.15
12.80	0.56	7,709	187.22	0.15
12.90	0.50	7,845	187.24	0.15
13.00	0.45	7,961	187.25	0.15
13.10	0.41	8,061	187.27	0.16
13.20	0.36	8,143	187.28	0.16
13.30	0.33	8,213	187.29	0.16
13.40	0.31	8,272	187.30	0.16
13.50	0.28	8,321	187.31	0.16
13.60	0.26	8,362	187.31	0.16
13.70	0.24	8,393	187.32	0.16
13.80	0.23	8,418	187.32	0.16
13.90	0.22	8,441	187.32	0.16
14.00	0.21	8,460	187.33	0.16
14.10	0.20	8,477	187.33	0.16
14.20	0.20	8,492	187.33	0.16
14.30	0.19	8,504	187.33	0.16
14.40	0.18	8,514	187.33	0.16
14.50	0.18	8,521	187.33	0.16
14.60	0.17	8,526	187.33	0.16
14.70	0.16	8,529	187.34	0.16
14.80	0.16	8,529	187.34	0.16
14.90	0.15	8,526	187.33	0.16
15.00	0.14	8,521	187.33	0.16
15.10	0.14	8,514	187.33	0.16
15.20	0.13	8,505	187.33	0.16
15.30	0.13	8,494	187.33	0.16
15.40	0.13	8,482	187.33	0.16
15.50	0.12	8,469	187.33	0.16

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.12	8,456	187.32	0.16
15.70	0.12	8,443	187.32	0.16
15.80	0.12	8,428	187.32	0.16
15.90	0.12	8,414	187.32	0.16
16.00	0.12	8,398	187.32	0.16
16.10	0.11	8,382	187.31	0.16
16.20	0.11	8,366	187.31	0.16
16.30	0.11	8,349	187.31	0.16
16.40	0.11	8,331	187.31	0.16
16.50	0.11	8,313	187.30	0.16
16.60	0.11	8,294	187.30	0.16
16.70	0.10	8,275	187.30	0.16
16.80	0.10	8,255	187.30	0.16
16.90	0.10	8,235	187.29	0.16
17.00	0.10	8,214	187.29	0.16
17.10	0.10	8,192	187.29	0.16
17.20	0.09	8,170	187.28	0.16
17.30	0.09	8,147	187.28	0.16
17.40	0.09	8,124	187.28	0.16
17.50	0.09	8,100	187.27	0.16
17.60	0.09	8,076	187.27	0.16
17.70	0.09	8,051	187.27	0.16
17.80	0.08	8,026	187.26	0.15
17.90	0.08	8,000	187.26	0.15
18.00	0.08	7,973	187.26	0.15
18.10	0.08	7,946	187.25	0.15
18.20	0.08	7,918	187.25	0.15
18.30	0.08	7,891	187.24	0.15
18.40	0.08	7,863	187.24	0.15
18.50	0.07	7,835	187.24	0.15
18.60	0.07	7,807	187.23	0.15
18.70	0.07	7,779	187.23	0.15
18.80	0.07	7,750	187.22	0.15
18.90	0.07	7,722	187.22	0.15
19.00	0.07	7,694	187.22	0.15
19.10	0.07	7,666	187.21	0.15
19.20	0.07	7,638	187.21	0.15
19.30	0.07	7,610	187.20	0.15
19.40	0.07	7,581	187.20	0.15
19.50	0.07	7,553	187.20	0.15
19.60	0.07	7,525	187.19	0.15
19.70	0.07	7,496	187.19	0.15
19.80	0.07	7,468	187.18	0.15
19.90	0.07	7,440	187.18	0.15
20.00	0.07	7,411	187.17	0.15
20.10	0.07	7,383	187.17	0.15
20.20	0.07	7,354	187.17	0.15
20.30	0.07	7,326	187.16	0.15
20.40	0.07	7,297	187.16	0.15
20.50	0.07	7,269	187.15	0.14
20.60	0.07	7,240	187.15	0.14
20.70	0.06	7,212	187.15	0.14

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	7,183	187.14	0.14
20.90	0.06	7,154	187.14	0.14
21.00	0.06	7,126	187.13	0.14
21.10	0.06	7,097	187.13	0.14
21.20	0.06	7,068	187.12	0.14
21.30	0.06	7,039	187.12	0.14
21.40	0.06	7,011	187.12	0.14
21.50	0.06	6,982	187.11	0.14
21.60	0.06	6,953	187.11	0.14
21.70	0.06	6,924	187.10	0.14
21.80	0.06	6,896	187.10	0.14
21.90	0.06	6,867	187.10	0.14
22.00	0.06	6,838	187.09	0.14
22.10	0.06	6,809	187.09	0.14
22.20	0.06	6,780	187.08	0.14
22.30	0.06	6,751	187.08	0.14
22.40	0.06	6,722	187.07	0.14
22.50	0.06	6,693	187.07	0.14
22.60	0.06	6,664	187.07	0.14
22.70	0.06	6,635	187.06	0.14
22.80	0.06	6,606	187.06	0.14
22.90	0.05	6,577	187.05	0.14
23.00	0.05	6,548	187.05	0.13
23.10	0.05	6,519	187.04	0.13
23.20	0.05	6,490	187.04	0.13
23.30	0.05	6,461	187.04	0.13
23.40	0.05	6,432	187.03	0.13
23.50	0.05	6,403	187.03	0.13
23.60	0.05	6,374	187.02	0.13
23.70	0.05	6,345	187.02	0.13
23.80	0.05	6,316	187.01	0.13
23.90	0.05	6,287	187.01	0.13
24.00	0.05	6,258	187.01	0.13
24.10	0.04	6,229	187.00	0.13
24.20	0.01	6,192	187.00	0.13
24.30	0.00	6,148	186.99	0.13
24.40	0.00	6,103	186.98	0.13
24.50	0.00	6,057	186.98	0.13
24.60	0.00	6,011	186.97	0.13
24.70	0.00	5,966	186.96	0.13
24.80	0.00	5,921	186.96	0.13
24.90	0.00	5,876	186.95	0.12
25.00	0.00	5,831	186.94	0.12
25.10	0.00	5,787	186.94	0.12
25.20	0.00	5,742	186.93	0.12
25.30	0.00	5,698	186.92	0.12
25.40	0.00	5,655	186.92	0.12
25.50	0.00	5,611	186.91	0.12
25.60	0.00	5,568	186.90	0.12
25.70	0.00	5,526	186.90	0.12
25.80	0.00	5,483	186.89	0.12
25.90	0.00	5,441	186.88	0.12

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,399	186.88	0.12
26.10	0.00	5,357	186.87	0.12
26.20	0.00	5,315	186.87	0.11
26.30	0.00	5,274	186.86	0.11
26.40	0.00	5,233	186.85	0.11
26.50	0.00	5,192	186.85	0.11
26.60	0.00	5,152	186.84	0.11
26.70	0.00	5,112	186.83	0.11
26.80	0.00	5,072	186.83	0.11
26.90	0.00	5,032	186.82	0.11
27.00	0.00	4,992	186.82	0.11
27.10	0.00	4,953	186.81	0.11
27.20	0.00	4,914	186.80	0.11
27.30	0.00	4,876	186.80	0.11
27.40	0.00	4,837	186.79	0.11
27.50	0.00	4,799	186.79	0.11
27.60	0.00	4,762	186.78	0.10
27.70	0.00	4,724	186.78	0.10
27.80	0.00	4,687	186.77	0.10
27.90	0.00	4,650	186.76	0.10
28.00	0.00	4,613	186.76	0.10
28.10	0.00	4,577	186.75	0.10
28.20	0.00	4,540	186.75	0.10
28.30	0.00	4,504	186.74	0.10
28.40	0.00	4,469	186.74	0.10
28.50	0.00	4,433	186.73	0.10
28.60	0.00	4,398	186.73	0.10
28.70	0.00	4,363	186.72	0.10
28.80	0.00	4,329	186.71	0.10
28.90	0.00	4,294	186.71	0.09
29.00	0.00	4,260	186.70	0.09
29.10	0.00	4,227	186.70	0.09
29.20	0.00	4,193	186.69	0.09
29.30	0.00	4,160	186.69	0.09
29.40	0.00	4,127	186.68	0.09
29.50	0.00	4,094	186.68	0.09
29.60	0.00	4,062	186.67	0.09
29.70	0.00	4,030	186.67	0.09
29.80	0.00	3,998	186.66	0.09
29.90	0.00	3,966	186.66	0.09
30.00	0.00	3,935	186.65	0.09
30.10	0.00	3,904	186.65	0.09
30.20	0.00	3,873	186.64	0.09
30.30	0.00	3,843	186.64	0.08
30.40	0.00	3,812	186.63	0.08
30.50	0.00	3,782	186.63	0.08
30.60	0.00	3,753	186.62	0.08
30.70	0.00	3,723	186.62	0.08
30.80	0.00	3,694	186.62	0.08
30.90	0.00	3,665	186.61	0.08
31.00	0.00	3,637	186.61	0.08
31.10	0.00	3,608	186.60	0.08

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,580	186.60	0.08
31.30	0.00	3,553	186.59	0.08
31.40	0.00	3,525	186.59	0.08
31.50	0.00	3,498	186.58	0.08
31.60	0.00	3,471	186.58	0.07
31.70	0.00	3,445	186.58	0.07
31.80	0.00	3,418	186.57	0.07
31.90	0.00	3,392	186.57	0.07
32.00	0.00	3,366	186.56	0.07
32.10	0.00	3,341	186.56	0.07
32.20	0.00	3,315	186.56	0.07
32.30	0.00	3,290	186.55	0.07
32.40	0.00	3,266	186.55	0.07
32.50	0.00	3,241	186.54	0.07
32.60	0.00	3,217	186.54	0.07
32.70	0.00	3,193	186.54	0.07
32.80	0.00	3,170	186.53	0.07
32.90	0.00	3,147	186.53	0.06
33.00	0.00	3,124	186.52	0.06
33.10	0.00	3,101	186.52	0.06
33.20	0.00	3,078	186.52	0.06
33.30	0.00	3,056	186.51	0.06
33.40	0.00	3,034	186.51	0.06
33.50	0.00	3,013	186.51	0.06
33.60	0.00	2,991	186.50	0.06
33.70	0.00	2,970	186.50	0.06
33.80	0.00	2,950	186.50	0.06
33.90	0.00	2,929	186.49	0.06
34.00	0.00	2,909	186.49	0.06
34.10	0.00	2,889	186.49	0.05
34.20	0.00	2,869	186.48	0.05
34.30	0.00	2,850	186.48	0.05
34.40	0.00	2,831	186.48	0.05
34.50	0.00	2,812	186.47	0.05
34.60	0.00	2,794	186.47	0.05
34.70	0.00	2,775	186.47	0.05
34.80	0.00	2,757	186.47	0.05
34.90	0.00	2,740	186.46	0.05
35.00	0.00	2,723	186.46	0.05
35.10	0.00	2,706	186.46	0.05
35.20	0.00	2,689	186.45	0.05
35.30	0.00	2,673	186.45	0.05
35.40	0.00	2,656	186.45	0.04
35.50	0.00	2,641	186.45	0.04
35.60	0.00	2,625	186.44	0.04
35.70	0.00	2,610	186.44	0.04
35.80	0.00	2,595	186.44	0.04
35.90	0.00	2,580	186.44	0.04
36.00	0.00	2,565	186.43	0.04
36.10	0.00	2,551	186.43	0.04
36.20	0.00	2,537	186.43	0.04
36.30	0.00	2,524	186.43	0.04

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,510	186.43	0.04
36.50	0.00	2,497	186.42	0.04
36.60	0.00	2,485	186.42	0.04
36.70	0.00	2,472	186.42	0.03
36.80	0.00	2,460	186.42	0.03
36.90	0.00	2,448	186.42	0.03
37.00	0.00	2,436	186.41	0.03
37.10	0.00	2,425	186.41	0.03
37.20	0.00	2,413	186.41	0.03
37.30	0.00	2,402	186.41	0.03
37.40	0.00	2,392	186.41	0.03
37.50	0.00	2,381	186.40	0.03
37.60	0.00	2,371	186.40	0.03
37.70	0.00	2,361	186.40	0.03
37.80	0.00	2,351	186.40	0.03
37.90	0.00	2,341	186.40	0.03
38.00	0.00	2,331	186.40	0.03
38.10	0.00	2,322	186.39	0.03
38.20	0.00	2,313	186.39	0.03
38.30	0.00	2,304	186.39	0.02
38.40	0.00	2,295	186.39	0.02
38.50	0.00	2,286	186.39	0.02
38.60	0.00	2,278	186.39	0.02
38.70	0.00	2,270	186.39	0.02
38.80	0.00	2,261	186.38	0.02
38.90	0.00	2,253	186.38	0.02
39.00	0.00	2,246	186.38	0.02
39.10	0.00	2,238	186.38	0.02
39.20	0.00	2,230	186.38	0.02
39.30	0.00	2,223	186.38	0.02
39.40	0.00	2,216	186.38	0.02
39.50	0.00	2,209	186.38	0.02
39.60	0.00	2,202	186.37	0.02
39.70	0.00	2,195	186.37	0.02
39.80	0.00	2,188	186.37	0.02
39.90	0.00	2,181	186.37	0.02
40.00	0.00	2,175	186.37	0.02

Stage-Discharge for Pond B-29: Basin #29

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.06	187.04	0.13	187.56	0.18
186.01	0.00	186.53	0.06	187.05	0.13	187.57	0.18
186.02	0.00	186.54	0.07	187.06	0.14	187.58	0.18
186.03	0.00	186.55	0.07	187.07	0.14	187.59	0.18
186.04	0.00	186.56	0.07	187.08	0.14	187.60	0.18
186.05	0.00	186.57	0.07	187.09	0.14	187.61	0.18
186.06	0.00	186.58	0.07	187.10	0.14	187.62	0.18
186.07	0.00	186.59	0.08	187.11	0.14	187.63	0.18
186.08	0.00	186.60	0.08	187.12	0.14	187.64	0.18
186.09	0.00	186.61	0.08	187.13	0.14	187.65	0.19
186.10	0.00	186.62	0.08	187.14	0.14	187.66	0.19
186.11	0.00	186.63	0.08	187.15	0.14	187.67	0.19
186.12	0.00	186.64	0.08	187.16	0.15	187.68	0.19
186.13	0.00	186.65	0.09	187.17	0.15	187.69	0.19
186.14	0.00	186.66	0.09	187.18	0.15	187.70	0.19
186.15	0.00	186.67	0.09	187.19	0.15	187.71	0.19
186.16	0.00	186.68	0.09	187.20	0.15	187.72	0.19
186.17	0.00	186.69	0.09	187.21	0.15	187.73	0.19
186.18	0.00	186.70	0.09	187.22	0.15	187.74	0.19
186.19	0.00	186.71	0.10	187.23	0.15	187.75	0.19
186.20	0.00	186.72	0.10	187.24	0.15	187.76	0.19
186.21	0.00	186.73	0.10	187.25	0.15	187.77	0.19
186.22	0.00	186.74	0.10	187.26	0.15	187.78	0.19
186.23	0.00	186.75	0.10	187.27	0.16	187.79	0.20
186.24	0.00	186.76	0.10	187.28	0.16	187.80	0.20
186.25	0.00	186.77	0.10	187.29	0.16	187.81	0.20
186.26	0.00	186.78	0.10	187.30	0.16	187.82	0.20
186.27	0.00	186.79	0.11	187.31	0.16	187.83	0.20
186.28	0.00	186.80	0.11	187.32	0.16	187.84	0.20
186.29	0.00	186.81	0.11	187.33	0.16	187.85	0.20
186.30	0.00	186.82	0.11	187.34	0.16	187.86	0.20
186.31	0.00	186.83	0.11	187.35	0.16	187.87	0.20
186.32	0.00	186.84	0.11	187.36	0.16	187.88	0.20
186.33	0.01	186.85	0.11	187.37	0.16	187.89	0.20
186.34	0.01	186.86	0.11	187.38	0.16	187.90	0.20
186.35	0.01	186.87	0.12	187.39	0.17	187.91	0.20
186.36	0.01	186.88	0.12	187.40	0.17	187.92	0.20
186.37	0.02	186.89	0.12	187.41	0.17	187.93	0.20
186.38	0.02	186.90	0.12	187.42	0.17	187.94	0.21
186.39	0.02	186.91	0.12	187.43	0.17	187.95	0.21
186.40	0.03	186.92	0.12	187.44	0.17	187.96	0.21
186.41	0.03	186.93	0.12	187.45	0.17	187.97	0.21
186.42	0.03	186.94	0.12	187.46	0.17	187.98	0.21
186.43	0.04	186.95	0.12	187.47	0.17	187.99	0.21
186.44	0.04	186.96	0.13	187.48	0.17	188.00	0.21
186.45	0.05	186.97	0.13	187.49	0.17	188.01	0.21
186.46	0.05	186.98	0.13	187.50	0.17	188.02	0.21
186.47	0.05	186.99	0.13	187.51	0.17	188.03	0.21
186.48	0.05	187.00	0.13	187.52	0.18	188.04	0.21
186.49	0.06	187.01	0.13	187.53	0.18	188.05	0.21
186.50	0.06	187.02	0.13	187.54	0.18	188.06	0.21
186.51	0.06	187.03	0.13	187.55	0.18	188.07	0.21

Stage-Discharge for Pond B-29: Basin #29 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.21	188.60	0.24	189.12	0.81	189.64	6.78
188.09	0.22	188.61	0.25	189.13	0.88	189.65	6.93
188.10	0.22	188.62	0.25	189.14	0.95	189.66	7.08
188.11	0.22	188.63	0.25	189.15	1.03	189.67	7.23
188.12	0.22	188.64	0.25	189.16	1.10	189.68	7.38
188.13	0.22	188.65	0.25	189.17	1.18	189.69	7.54
188.14	0.22	188.66	0.25	189.18	1.26	189.70	7.69
188.15	0.22	188.67	0.25	189.19	1.35	189.71	7.85
188.16	0.22	188.68	0.25	189.20	1.43	189.72	8.00
188.17	0.22	188.69	0.25	189.21	1.52	189.73	8.16
188.18	0.22	188.70	0.25	189.22	1.61	189.74	8.32
188.19	0.22	188.71	0.25	189.23	1.70	189.75	8.48
188.20	0.22	188.72	0.25	189.24	1.80	189.76	8.64
188.21	0.22	188.73	0.25	189.25	1.89	189.77	8.80
188.22	0.22	188.74	0.25	189.26	1.99	189.78	8.96
188.23	0.22	188.75	0.25	189.27	2.09	189.79	9.12
188.24	0.22	188.76	0.25	189.28	2.19	189.80	9.29
188.25	0.22	188.77	0.25	189.29	2.29	189.81	9.45
188.26	0.23	188.78	0.25	189.30	2.40	189.82	9.62
188.27	0.23	188.79	0.26	189.31	2.50	189.83	9.79
188.28	0.23	188.80	0.26	189.32	2.61	189.84	9.95
188.29	0.23	188.81	0.26	189.33	2.72	189.85	10.12
188.30	0.23	188.82	0.26	189.34	2.83	189.86	10.29
188.31	0.23	188.83	0.26	189.35	2.94	189.87	10.46
188.32	0.23	188.84	0.26	189.36	3.06	189.88	10.63
188.33	0.23	188.85	0.26	189.37	3.17	189.89	10.80
188.34	0.23	188.86	0.26	189.38	3.29	189.90	10.97
188.35	0.23	188.87	0.26	189.39	3.41	189.91	11.15
188.36	0.23	188.88	0.26	189.40	3.53	189.92	11.32
188.37	0.23	188.89	0.26	189.41	3.65	189.93	11.49
188.38	0.23	188.90	0.26	189.42	3.77	189.94	11.67
188.39	0.23	188.91	0.26	189.43	3.90	189.95	11.85
188.40	0.23	188.92	0.26	189.44	4.02	189.96	12.02
188.41	0.23	188.93	0.26	189.45	4.15	189.97	12.20
188.42	0.23	188.94	0.26	189.46	4.28	189.98	12.38
188.43	0.24	188.95	0.26	189.47	4.40	189.99	12.56
188.44	0.24	188.96	0.26	189.48	4.53	190.00	12.86
188.45	0.24	188.97	0.26	189.49	4.67		
188.46	0.24	188.98	0.26	189.50	4.80		
188.47	0.24	188.99	0.27	189.51	4.93		
188.48	0.24	189.00	0.27	189.52	5.07		
188.49	0.24	189.01	0.28	189.53	5.20		
188.50	0.24	189.02	0.30	189.54	5.34		
188.51	0.24	189.03	0.34	189.55	5.48		
188.52	0.24	189.04	0.37	189.56	5.62		
188.53	0.24	189.05	0.41	189.57	5.76		
188.54	0.24	189.06	0.46	189.58	5.90		
188.55	0.24	189.07	0.51	189.59	6.05		
188.56	0.24	189.08	0.56	189.60	6.19		
188.57	0.24	189.09	0.62	189.61	6.34		
188.58	0.24	189.10	0.68	189.62	6.48		
188.59	0.24	189.11	0.75	189.63	6.63		

Stage-Area-Storage for Pond B-29: Basin #29

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	5,666	0	186.52	6,240	3,095
186.01	5,677	57	186.53	6,251	3,158
186.02	5,688	114	186.54	6,262	3,220
186.03	5,699	170	186.55	6,273	3,283
186.04	5,710	228	186.56	6,284	3,346
186.05	5,721	285	186.57	6,295	3,409
186.06	5,732	342	186.58	6,306	3,472
186.07	5,743	399	186.59	6,317	3,535
186.08	5,754	457	186.60	6,328	3,598
186.09	5,765	514	186.61	6,339	3,661
186.10	5,776	572	186.62	6,350	3,725
186.11	5,787	630	186.63	6,361	3,788
186.12	5,798	688	186.64	6,372	3,852
186.13	5,809	746	186.65	6,383	3,916
186.14	5,820	804	186.66	6,394	3,980
186.15	5,831	862	186.67	6,405	4,044
186.16	5,842	921	186.68	6,416	4,108
186.17	5,854	979	186.69	6,427	4,172
186.18	5,865	1,038	186.70	6,438	4,236
186.19	5,876	1,096	186.71	6,449	4,301
186.20	5,887	1,155	186.72	6,460	4,365
186.21	5,898	1,214	186.73	6,471	4,430
186.22	5,909	1,273	186.74	6,482	4,495
186.23	5,920	1,332	186.75	6,493	4,560
186.24	5,931	1,392	186.76	6,504	4,625
186.25	5,942	1,451	186.77	6,515	4,690
186.26	5,953	1,510	186.78	6,526	4,755
186.27	5,964	1,570	186.79	6,537	4,820
186.28	5,975	1,630	186.80	6,548	4,886
186.29	5,986	1,690	186.81	6,559	4,951
186.30	5,997	1,749	186.82	6,570	5,017
186.31	6,008	1,809	186.83	6,581	5,083
186.32	6,019	1,870	186.84	6,593	5,149
186.33	6,030	1,930	186.85	6,604	5,215
186.34	6,041	1,990	186.86	6,615	5,281
186.35	6,052	2,051	186.87	6,626	5,347
186.36	6,063	2,111	186.88	6,637	5,413
186.37	6,074	2,172	186.89	6,648	5,480
186.38	6,085	2,233	186.90	6,659	5,546
186.39	6,096	2,294	186.91	6,670	5,613
186.40	6,107	2,355	186.92	6,681	5,680
186.41	6,118	2,416	186.93	6,692	5,746
186.42	6,129	2,477	186.94	6,703	5,813
186.43	6,140	2,538	186.95	6,714	5,880
186.44	6,151	2,600	186.96	6,725	5,948
186.45	6,162	2,661	186.97	6,736	6,015
186.46	6,173	2,723	186.98	6,747	6,082
186.47	6,184	2,785	186.99	6,758	6,150
186.48	6,195	2,847	187.00	6,769	6,218
186.49	6,206	2,909	187.01	6,777	6,285
186.50	6,218	2,971	187.02	6,784	6,353
186.51	6,229	3,033	187.03	6,792	6,421

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	6,799	6,489	187.56	7,193	10,127
187.05	6,807	6,557	187.57	7,200	10,199
187.06	6,814	6,625	187.58	7,208	10,271
187.07	6,822	6,693	187.59	7,216	10,343
187.08	6,830	6,761	187.60	7,223	10,415
187.09	6,837	6,830	187.61	7,231	10,487
187.10	6,845	6,898	187.62	7,238	10,560
187.11	6,852	6,967	187.63	7,246	10,632
187.12	6,860	7,035	187.64	7,253	10,705
187.13	6,867	7,104	187.65	7,261	10,777
187.14	6,875	7,173	187.66	7,269	10,850
187.15	6,883	7,241	187.67	7,276	10,923
187.16	6,890	7,310	187.68	7,284	10,995
187.17	6,898	7,379	187.69	7,291	11,068
187.18	6,905	7,448	187.70	7,299	11,141
187.19	6,913	7,517	187.71	7,306	11,214
187.20	6,920	7,586	187.72	7,314	11,287
187.21	6,928	7,656	187.73	7,322	11,361
187.22	6,936	7,725	187.74	7,329	11,434
187.23	6,943	7,794	187.75	7,337	11,507
187.24	6,951	7,864	187.76	7,344	11,581
187.25	6,958	7,933	187.77	7,352	11,654
187.26	6,966	8,003	187.78	7,359	11,728
187.27	6,973	8,073	187.79	7,367	11,801
187.28	6,981	8,142	187.80	7,375	11,875
187.29	6,989	8,212	187.81	7,382	11,949
187.30	6,996	8,282	187.82	7,390	12,023
187.31	7,004	8,352	187.83	7,397	12,097
187.32	7,011	8,422	187.84	7,405	12,171
187.33	7,019	8,492	187.85	7,412	12,245
187.34	7,026	8,563	187.86	7,420	12,319
187.35	7,034	8,633	187.87	7,428	12,393
187.36	7,042	8,703	187.88	7,435	12,467
187.37	7,049	8,774	187.89	7,443	12,542
187.38	7,057	8,844	187.90	7,450	12,616
187.39	7,064	8,915	187.91	7,458	12,691
187.40	7,072	8,986	187.92	7,465	12,765
187.41	7,079	9,056	187.93	7,473	12,840
187.42	7,087	9,127	187.94	7,481	12,915
187.43	7,095	9,198	187.95	7,488	12,990
187.44	7,102	9,269	187.96	7,496	13,065
187.45	7,110	9,340	187.97	7,503	13,140
187.46	7,117	9,411	187.98	7,511	13,215
187.47	7,125	9,483	187.99	7,518	13,290
187.48	7,132	9,554	188.00	7,526	13,365
187.49	7,140	9,625	188.01	7,534	13,440
187.50	7,148	9,697	188.02	7,542	13,516
187.51	7,155	9,768	188.03	7,550	13,591
187.52	7,163	9,840	188.04	7,557	13,667
187.53	7,170	9,911	188.05	7,565	13,742
187.54	7,178	9,983	188.06	7,573	13,818
187.55	7,185	10,055	188.07	7,581	13,894

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	7,589	13,970	188.60	7,997	18,022
188.09	7,597	14,046	188.61	8,005	18,102
188.10	7,604	14,122	188.62	8,013	18,182
188.11	7,612	14,198	188.63	8,021	18,262
188.12	7,620	14,274	188.64	8,028	18,342
188.13	7,628	14,350	188.65	8,036	18,423
188.14	7,636	14,426	188.66	8,044	18,503
188.15	7,644	14,503	188.67	8,052	18,584
188.16	7,652	14,579	188.68	8,060	18,664
188.17	7,659	14,656	188.69	8,068	18,745
188.18	7,667	14,732	188.70	8,075	18,826
188.19	7,675	14,809	188.71	8,083	18,906
188.20	7,683	14,886	188.72	8,091	18,987
188.21	7,691	14,963	188.73	8,099	19,068
188.22	7,699	15,040	188.74	8,107	19,149
188.23	7,707	15,117	188.75	8,115	19,230
188.24	7,714	15,194	188.76	8,123	19,311
188.25	7,722	15,271	188.77	8,130	19,393
188.26	7,730	15,348	188.78	8,138	19,474
188.27	7,738	15,426	188.79	8,146	19,555
188.28	7,746	15,503	188.80	8,154	19,637
188.29	7,754	15,581	188.81	8,162	19,719
188.30	7,762	15,658	188.82	8,170	19,800
188.31	7,769	15,736	188.83	8,178	19,882
188.32	7,777	15,814	188.84	8,185	19,964
188.33	7,785	15,891	188.85	8,193	20,046
188.34	7,793	15,969	188.86	8,201	20,128
188.35	7,801	16,047	188.87	8,209	20,210
188.36	7,809	16,125	188.88	8,217	20,292
188.37	7,816	16,203	188.89	8,225	20,374
188.38	7,824	16,282	188.90	8,233	20,456
188.39	7,832	16,360	188.91	8,240	20,539
188.40	7,840	16,438	188.92	8,248	20,621
188.41	7,848	16,517	188.93	8,256	20,704
188.42	7,856	16,595	188.94	8,264	20,786
188.43	7,864	16,674	188.95	8,272	20,869
188.44	7,871	16,752	188.96	8,280	20,952
188.45	7,879	16,831	188.97	8,287	21,035
188.46	7,887	16,910	188.98	8,295	21,117
188.47	7,895	16,989	188.99	8,303	21,200
188.48	7,903	17,068	189.00	8,311	21,284
188.49	7,911	17,147	189.01	8,314	21,367
188.50	7,919	17,226	189.02	8,317	21,450
188.51	7,926	17,305	189.03	8,320	21,533
188.52	7,934	17,385	189.04	8,323	21,616
188.53	7,942	17,464	189.05	8,326	21,699
188.54	7,950	17,543	189.06	8,329	21,783
188.55	7,958	17,623	189.07	8,332	21,866
188.56	7,966	17,703	189.08	8,335	21,949
188.57	7,973	17,782	189.09	8,338	22,033
188.58	7,981	17,862	189.10	8,341	22,116
188.59	7,989	17,942	189.11	8,345	22,200

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	8,348	22,283	189.64	8,506	26,665
189.13	8,351	22,367	189.65	8,509	26,750
189.14	8,354	22,450	189.66	8,512	26,835
189.15	8,357	22,534	189.67	8,515	26,920
189.16	8,360	22,617	189.68	8,518	27,005
189.17	8,363	22,701	189.69	8,521	27,091
189.18	8,366	22,784	189.70	8,524	27,176
189.19	8,369	22,868	189.71	8,528	27,261
189.20	8,372	22,952	189.72	8,531	27,346
189.21	8,375	23,036	189.73	8,534	27,432
189.22	8,378	23,119	189.74	8,537	27,517
189.23	8,381	23,203	189.75	8,540	27,603
189.24	8,384	23,287	189.76	8,543	27,688
189.25	8,387	23,371	189.77	8,546	27,773
189.26	8,390	23,455	189.78	8,549	27,859
189.27	8,393	23,539	189.79	8,552	27,944
189.28	8,396	23,623	189.80	8,555	28,030
189.29	8,399	23,707	189.81	8,558	28,115
189.30	8,403	23,791	189.82	8,561	28,201
189.31	8,406	23,875	189.83	8,564	28,287
189.32	8,409	23,959	189.84	8,567	28,372
189.33	8,412	24,043	189.85	8,570	28,458
189.34	8,415	24,127	189.86	8,573	28,544
189.35	8,418	24,211	189.87	8,576	28,629
189.36	8,421	24,295	189.88	8,579	28,715
189.37	8,424	24,379	189.89	8,582	28,801
189.38	8,427	24,464	189.90	8,586	28,887
189.39	8,430	24,548	189.91	8,589	28,973
189.40	8,433	24,632	189.92	8,592	29,059
189.41	8,436	24,717	189.93	8,595	29,145
189.42	8,439	24,801	189.94	8,598	29,231
189.43	8,442	24,885	189.95	8,601	29,317
189.44	8,445	24,970	189.96	8,604	29,403
189.45	8,448	25,054	189.97	8,607	29,489
189.46	8,451	25,139	189.98	8,610	29,575
189.47	8,454	25,223	189.99	8,613	29,661
189.48	8,457	25,308	190.00	8,616	29,747
189.49	8,460	25,393			
189.50	8,464	25,477			
189.51	8,467	25,562			
189.52	8,470	25,646			
189.53	8,473	25,731			
189.54	8,476	25,816			
189.55	8,479	25,901			
189.56	8,482	25,985			
189.57	8,485	26,070			
189.58	8,488	26,155			
189.59	8,491	26,240			
189.60	8,494	26,325			
189.61	8,497	26,410			
189.62	8,500	26,495			
189.63	8,503	26,580			

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth > 2.99" for Current 10 yr event
 Inflow = 13.26 cfs @ 12.21 hrs, Volume= 1.428 af
 Outflow = 4.71 cfs @ 12.59 hrs, Volume= 1.355 af, Atten= 64%, Lag= 22.9 min
 Primary = 4.71 cfs @ 12.59 hrs, Volume= 1.355 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 177.49' @ 12.59 hrs Surf.Area= 12,550 sf Storage= 17,018 cf

Plug-Flow detention time= 122.1 min calculated for 1.353 af (95% of inflow)
 Center-of-Mass det. time= 71.6 min (1,010.3 - 938.7)

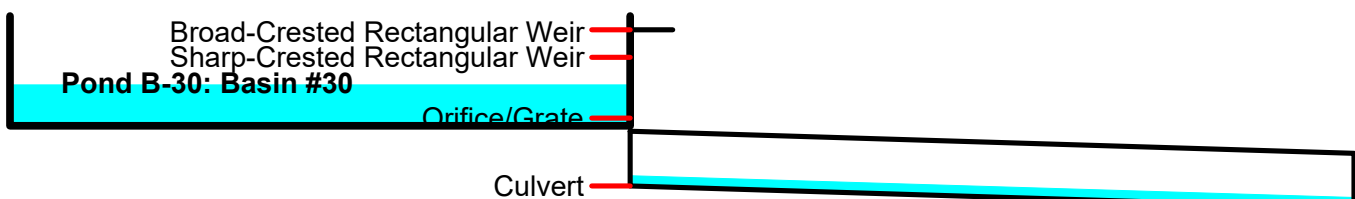
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	53,558 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	10,254	0	0
177.00	11,773	11,014	11,014
178.00	13,346	12,560	23,573
179.00	14,978	14,162	37,735
180.00	16,667	15,823	53,558

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 ' / Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.28'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	179.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

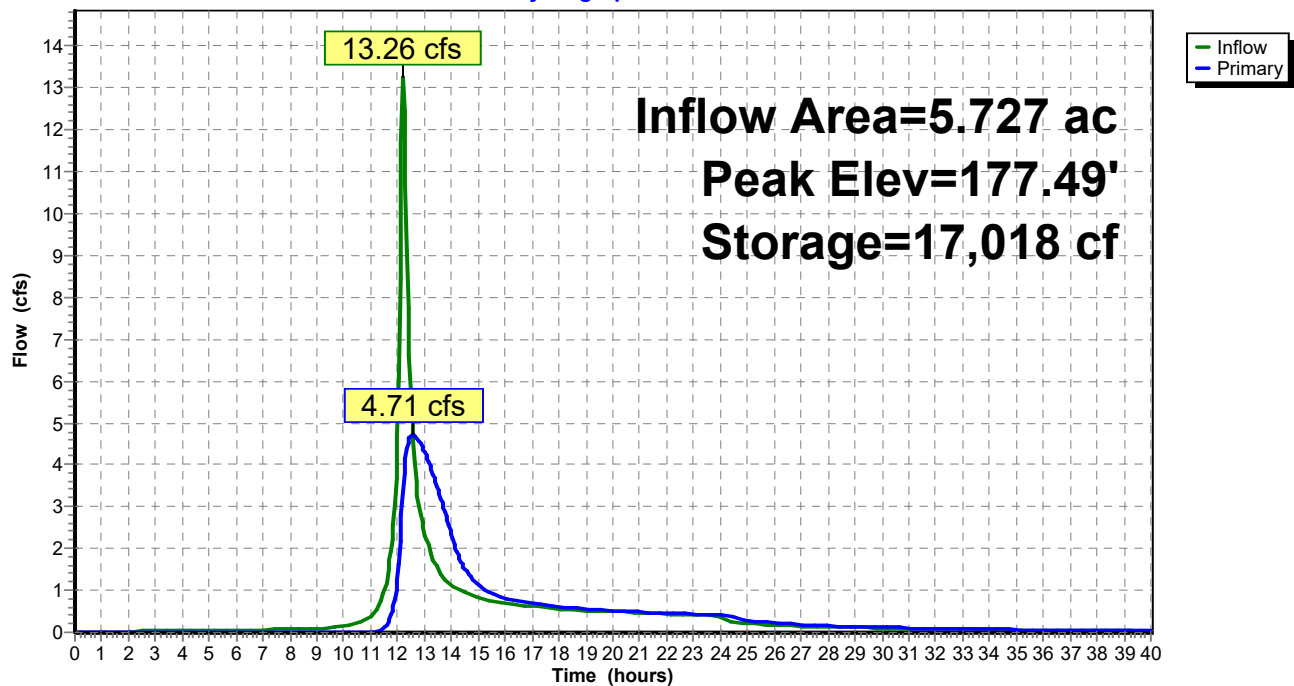
Primary OutFlow Max=4.71 cfs @ 12.59 hrs HW=177.49' (Free Discharge)

1=Culvert (Passes 4.71 cfs of 24.82 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 4.71 cfs @ 4.71 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	0	176.00	0.00
0.50	0.00	0	176.00	0.00
0.60	0.00	0	176.00	0.00
0.70	0.00	0	176.00	0.00
0.80	0.00	0	176.00	0.00
0.90	0.00	0	176.00	0.00
1.00	0.00	1	176.00	0.00
1.10	0.00	2	176.00	0.00
1.20	0.01	3	176.00	0.00
1.30	0.01	6	176.00	0.00
1.40	0.01	8	176.00	0.00
1.50	0.01	12	176.00	0.00
1.60	0.01	16	176.00	0.00
1.70	0.01	20	176.00	0.00
1.80	0.01	25	176.00	0.00
1.90	0.02	30	176.00	0.00
2.00	0.02	36	176.00	0.00
2.10	0.02	42	176.00	0.00
2.20	0.02	49	176.00	0.00
2.30	0.02	56	176.01	0.00
2.40	0.02	63	176.01	0.00
2.50	0.02	71	176.01	0.00
2.60	0.02	79	176.01	0.00
2.70	0.02	88	176.01	0.00
2.80	0.02	96	176.01	0.00
2.90	0.03	106	176.01	0.00
3.00	0.03	115	176.01	0.00
3.10	0.03	125	176.01	0.00
3.20	0.03	135	176.01	0.00
3.30	0.03	145	176.01	0.00
3.40	0.03	156	176.02	0.00
3.50	0.03	166	176.02	0.00
3.60	0.03	178	176.02	0.00
3.70	0.03	189	176.02	0.00
3.80	0.03	201	176.02	0.00
3.90	0.03	213	176.02	0.00
4.00	0.03	225	176.02	0.00
4.10	0.03	237	176.02	0.00
4.20	0.04	250	176.02	0.00
4.30	0.04	263	176.03	0.00
4.40	0.04	276	176.03	0.00
4.50	0.04	289	176.03	0.00
4.60	0.04	302	176.03	0.00
4.70	0.04	316	176.03	0.00
4.80	0.04	330	176.03	0.00
4.90	0.04	344	176.03	0.00
5.00	0.04	359	176.03	0.00
5.10	0.04	373	176.04	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	388	176.04	0.00
5.30	0.04	403	176.04	0.00
5.40	0.04	418	176.04	0.00
5.50	0.04	433	176.04	0.00
5.60	0.04	449	176.04	0.00
5.70	0.04	465	176.05	0.00
5.80	0.04	481	176.05	0.00
5.90	0.04	497	176.05	0.00
6.00	0.05	513	176.05	0.00
6.10	0.05	529	176.05	0.00
6.20	0.05	546	176.05	0.00
6.30	0.05	563	176.05	0.00
6.40	0.05	581	176.06	0.00
6.50	0.05	599	176.06	0.00
6.60	0.05	618	176.06	0.00
6.70	0.05	637	176.06	0.00
6.80	0.06	657	176.06	0.00
6.90	0.06	677	176.07	0.00
7.00	0.06	698	176.07	0.00
7.10	0.06	719	176.07	0.00
7.20	0.06	741	176.07	0.00
7.30	0.06	763	176.07	0.00
7.40	0.06	785	176.08	0.00
7.50	0.07	809	176.08	0.00
7.60	0.07	832	176.08	0.00
7.70	0.07	856	176.08	0.00
7.80	0.07	881	176.09	0.00
7.90	0.07	906	176.09	0.00
8.00	0.07	932	176.09	0.00
8.10	0.07	958	176.09	0.00
8.20	0.07	985	176.10	0.00
8.30	0.08	1,012	176.10	0.00
8.40	0.08	1,040	176.10	0.00
8.50	0.08	1,068	176.10	0.00
8.60	0.08	1,096	176.11	0.00
8.70	0.08	1,125	176.11	0.00
8.80	0.08	1,155	176.11	0.00
8.90	0.09	1,185	176.11	0.00
9.00	0.09	1,217	176.12	0.00
9.10	0.09	1,249	176.12	0.00
9.20	0.10	1,284	176.12	0.00
9.30	0.11	1,320	176.13	0.00
9.40	0.11	1,360	176.13	0.00
9.50	0.12	1,402	176.14	0.00
9.60	0.13	1,448	176.14	0.00
9.70	0.14	1,496	176.14	0.00
9.80	0.15	1,548	176.15	0.00
9.90	0.16	1,603	176.15	0.00
10.00	0.17	1,662	176.16	0.00
10.10	0.18	1,724	176.17	0.00
10.20	0.19	1,790	176.17	0.00
10.30	0.20	1,860	176.18	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.21	1,934	176.19	0.00
10.50	0.22	2,012	176.19	0.00
10.60	0.24	2,095	176.20	0.00
10.70	0.27	2,186	176.21	0.00
10.80	0.30	2,288	176.22	0.00
10.90	0.34	2,403	176.23	0.00
11.00	0.38	2,532	176.24	0.00
11.10	0.42	2,675	176.26	0.00
11.20	0.49	2,838	176.27	0.00
11.30	0.61	3,032	176.29	0.01
11.40	0.78	3,272	176.31	0.04
11.50	0.98	3,565	176.34	0.10
11.60	1.26	3,913	176.37	0.18
11.70	1.73	4,364	176.41	0.31
11.80	2.20	4,920	176.46	0.51
11.90	3.04	5,622	176.53	0.79
12.00	4.67	6,616	176.62	1.26
12.10	8.46	8,292	176.77	2.17
12.20	13.23	11,346	177.03	3.36
12.30	10.75	14,379	177.28	4.15
12.40	7.73	16,114	177.42	4.53
12.50	5.75	16,852	177.48	4.68
12.60	4.59	17,016	177.49	4.71
12.70	3.59	16,790	177.48	4.67
12.80	3.01	16,307	177.44	4.57
12.90	2.64	15,698	177.39	4.44
13.00	2.36	15,024	177.33	4.30
13.10	2.13	14,313	177.28	4.14
13.20	1.92	13,583	177.22	3.96
13.30	1.76	12,852	177.15	3.78
13.40	1.63	12,136	177.09	3.59
13.50	1.51	11,446	177.04	3.39
13.60	1.39	10,784	176.98	3.19
13.70	1.29	10,157	176.93	2.98
13.80	1.22	9,575	176.88	2.77
13.90	1.17	9,048	176.83	2.55
14.00	1.13	8,584	176.79	2.33
14.10	1.10	8,187	176.76	2.11
14.20	1.07	7,853	176.73	1.92
14.30	1.03	7,570	176.70	1.76
14.40	1.00	7,328	176.68	1.63
14.50	0.97	7,118	176.66	1.52
14.60	0.94	6,935	176.65	1.42
14.70	0.91	6,774	176.63	1.34
14.80	0.88	6,630	176.62	1.26
14.90	0.85	6,499	176.61	1.20
15.00	0.82	6,381	176.60	1.14
15.10	0.80	6,271	176.59	1.09
15.20	0.77	6,170	176.58	1.04
15.30	0.76	6,078	176.57	1.00
15.40	0.74	5,995	176.56	0.96
15.50	0.73	5,922	176.55	0.93

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.72	5,856	176.55	0.90
15.70	0.72	5,798	176.54	0.87
15.80	0.71	5,745	176.54	0.85
15.90	0.70	5,698	176.53	0.83
16.00	0.70	5,656	176.53	0.81
16.10	0.69	5,617	176.53	0.79
16.20	0.68	5,583	176.52	0.77
16.30	0.68	5,551	176.52	0.76
16.40	0.67	5,521	176.52	0.75
16.50	0.66	5,494	176.52	0.74
16.60	0.66	5,467	176.51	0.73
16.70	0.65	5,443	176.51	0.72
16.80	0.64	5,419	176.51	0.71
16.90	0.64	5,396	176.51	0.70
17.00	0.63	5,375	176.51	0.69
17.10	0.62	5,354	176.50	0.68
17.20	0.61	5,333	176.50	0.67
17.30	0.61	5,313	176.50	0.66
17.40	0.60	5,293	176.50	0.65
17.50	0.59	5,274	176.50	0.65
17.60	0.59	5,255	176.49	0.64
17.70	0.58	5,237	176.49	0.63
17.80	0.57	5,218	176.49	0.62
17.90	0.57	5,200	176.49	0.62
18.00	0.56	5,181	176.49	0.61
18.10	0.55	5,163	176.49	0.60
18.20	0.54	5,145	176.48	0.59
18.30	0.54	5,128	176.48	0.59
18.40	0.54	5,112	176.48	0.58
18.50	0.53	5,096	176.48	0.57
18.60	0.53	5,082	176.48	0.57
18.70	0.53	5,069	176.48	0.56
18.80	0.52	5,056	176.48	0.56
18.90	0.52	5,044	176.48	0.55
19.00	0.52	5,032	176.47	0.55
19.10	0.52	5,021	176.47	0.55
19.20	0.51	5,011	176.47	0.54
19.30	0.51	5,001	176.47	0.54
19.40	0.51	4,991	176.47	0.53
19.50	0.51	4,982	176.47	0.53
19.60	0.50	4,973	176.47	0.53
19.70	0.50	4,965	176.47	0.52
19.80	0.50	4,956	176.47	0.52
19.90	0.50	4,948	176.47	0.52
20.00	0.49	4,940	176.47	0.52
20.10	0.49	4,932	176.46	0.51
20.20	0.49	4,924	176.46	0.51
20.30	0.49	4,916	176.46	0.51
20.40	0.48	4,909	176.46	0.50
20.50	0.48	4,901	176.46	0.50
20.60	0.48	4,894	176.46	0.50
20.70	0.48	4,886	176.46	0.50

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.47	4,879	176.46	0.49
20.90	0.47	4,872	176.46	0.49
21.00	0.47	4,864	176.46	0.49
21.10	0.46	4,857	176.46	0.48
21.20	0.46	4,850	176.46	0.48
21.30	0.46	4,842	176.46	0.48
21.40	0.46	4,835	176.46	0.48
21.50	0.45	4,828	176.46	0.47
21.60	0.45	4,821	176.45	0.47
21.70	0.45	4,814	176.45	0.47
21.80	0.45	4,807	176.45	0.47
21.90	0.44	4,800	176.45	0.46
22.00	0.44	4,793	176.45	0.46
22.10	0.44	4,786	176.45	0.46
22.20	0.44	4,779	176.45	0.46
22.30	0.43	4,772	176.45	0.45
22.40	0.43	4,765	176.45	0.45
22.50	0.43	4,757	176.45	0.45
22.60	0.43	4,750	176.45	0.44
22.70	0.42	4,743	176.45	0.44
22.80	0.42	4,736	176.45	0.44
22.90	0.42	4,729	176.45	0.44
23.00	0.41	4,722	176.45	0.43
23.10	0.41	4,714	176.45	0.43
23.20	0.41	4,707	176.44	0.43
23.30	0.41	4,700	176.44	0.43
23.40	0.40	4,693	176.44	0.42
23.50	0.40	4,685	176.44	0.42
23.60	0.40	4,678	176.44	0.42
23.70	0.40	4,671	176.44	0.42
23.80	0.39	4,664	176.44	0.41
23.90	0.39	4,656	176.44	0.41
24.00	0.39	4,650	176.44	0.41
24.10	0.37	4,644	176.44	0.41
24.20	0.30	4,619	176.44	0.40
24.30	0.26	4,579	176.43	0.38
24.40	0.25	4,534	176.43	0.37
24.50	0.23	4,490	176.42	0.36
24.60	0.23	4,448	176.42	0.34
24.70	0.22	4,408	176.42	0.33
24.80	0.21	4,370	176.41	0.32
24.90	0.21	4,334	176.41	0.30
25.00	0.20	4,300	176.41	0.29
25.10	0.20	4,270	176.40	0.28
25.20	0.20	4,241	176.40	0.27
25.30	0.19	4,215	176.40	0.26
25.40	0.19	4,190	176.40	0.26
25.50	0.19	4,167	176.39	0.25
25.60	0.18	4,144	176.39	0.24
25.70	0.18	4,123	176.39	0.24
25.80	0.18	4,103	176.39	0.23
25.90	0.18	4,084	176.39	0.23

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.17	4,066	176.39	0.22
26.10	0.17	4,048	176.38	0.22
26.20	0.17	4,032	176.38	0.21
26.30	0.17	4,016	176.38	0.21
26.40	0.16	4,001	176.38	0.20
26.50	0.16	3,986	176.38	0.20
26.60	0.16	3,971	176.38	0.20
26.70	0.15	3,957	176.38	0.19
26.80	0.15	3,944	176.37	0.19
26.90	0.15	3,931	176.37	0.18
27.00	0.15	3,918	176.37	0.18
27.10	0.14	3,905	176.37	0.18
27.20	0.14	3,893	176.37	0.17
27.30	0.14	3,882	176.37	0.17
27.40	0.14	3,870	176.37	0.17
27.50	0.13	3,859	176.37	0.16
27.60	0.13	3,849	176.37	0.16
27.70	0.13	3,838	176.36	0.16
27.80	0.13	3,828	176.36	0.16
27.90	0.13	3,819	176.36	0.15
28.00	0.13	3,809	176.36	0.15
28.10	0.12	3,800	176.36	0.15
28.20	0.12	3,791	176.36	0.15
28.30	0.12	3,783	176.36	0.14
28.40	0.12	3,774	176.36	0.14
28.50	0.12	3,766	176.36	0.14
28.60	0.12	3,757	176.36	0.14
28.70	0.11	3,749	176.36	0.14
28.80	0.11	3,741	176.36	0.13
28.90	0.11	3,733	176.35	0.13
29.00	0.11	3,725	176.35	0.13
29.10	0.11	3,717	176.35	0.13
29.20	0.11	3,710	176.35	0.13
29.30	0.11	3,702	176.35	0.13
29.40	0.10	3,695	176.35	0.12
29.50	0.10	3,688	176.35	0.12
29.60	0.10	3,681	176.35	0.12
29.70	0.10	3,674	176.35	0.12
29.80	0.10	3,667	176.35	0.12
29.90	0.10	3,660	176.35	0.12
30.00	0.10	3,654	176.35	0.12
30.10	0.10	3,647	176.35	0.11
30.20	0.10	3,641	176.35	0.11
30.30	0.09	3,634	176.35	0.11
30.40	0.09	3,628	176.34	0.11
30.50	0.09	3,622	176.34	0.11
30.60	0.09	3,616	176.34	0.11
30.70	0.09	3,610	176.34	0.11
30.80	0.09	3,604	176.34	0.10
30.90	0.09	3,598	176.34	0.10
31.00	0.09	3,593	176.34	0.10
31.10	0.09	3,587	176.34	0.10

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.08	3,582	176.34	0.10
31.30	0.08	3,576	176.34	0.10
31.40	0.08	3,571	176.34	0.10
31.50	0.08	3,566	176.34	0.10
31.60	0.08	3,561	176.34	0.10
31.70	0.08	3,556	176.34	0.09
31.80	0.08	3,551	176.34	0.09
31.90	0.08	3,546	176.34	0.09
32.00	0.08	3,541	176.34	0.09
32.10	0.08	3,536	176.34	0.09
32.20	0.08	3,531	176.34	0.09
32.30	0.07	3,526	176.34	0.09
32.40	0.07	3,521	176.34	0.09
32.50	0.07	3,517	176.33	0.09
32.60	0.07	3,512	176.33	0.08
32.70	0.07	3,507	176.33	0.08
32.80	0.07	3,503	176.33	0.08
32.90	0.07	3,498	176.33	0.08
33.00	0.07	3,494	176.33	0.08
33.10	0.07	3,489	176.33	0.08
33.20	0.07	3,485	176.33	0.08
33.30	0.07	3,480	176.33	0.08
33.40	0.06	3,476	176.33	0.08
33.50	0.06	3,472	176.33	0.08
33.60	0.06	3,467	176.33	0.07
33.70	0.06	3,463	176.33	0.07
33.80	0.06	3,458	176.33	0.07
33.90	0.06	3,454	176.33	0.07
34.00	0.06	3,450	176.33	0.07
34.10	0.06	3,446	176.33	0.07
34.20	0.06	3,441	176.33	0.07
34.30	0.06	3,437	176.33	0.07
34.40	0.06	3,433	176.33	0.07
34.50	0.05	3,429	176.33	0.07
34.60	0.05	3,425	176.33	0.07
34.70	0.05	3,420	176.33	0.06
34.80	0.05	3,416	176.33	0.06
34.90	0.05	3,412	176.32	0.06
35.00	0.05	3,408	176.32	0.06
35.10	0.05	3,404	176.32	0.06
35.20	0.05	3,400	176.32	0.06
35.30	0.05	3,396	176.32	0.06
35.40	0.05	3,392	176.32	0.06
35.50	0.05	3,388	176.32	0.06
35.60	0.05	3,384	176.32	0.06
35.70	0.04	3,380	176.32	0.06
35.80	0.04	3,376	176.32	0.05
35.90	0.04	3,372	176.32	0.05
36.00	0.04	3,368	176.32	0.05
36.10	0.04	3,364	176.32	0.05
36.20	0.04	3,360	176.32	0.05
36.30	0.04	3,356	176.32	0.05

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.04	3,352	176.32	0.05
36.50	0.04	3,348	176.32	0.05
36.60	0.04	3,343	176.32	0.05
36.70	0.04	3,339	176.32	0.05
36.80	0.04	3,335	176.32	0.05
36.90	0.04	3,330	176.32	0.05
37.00	0.03	3,326	176.32	0.05
37.10	0.03	3,321	176.32	0.05
37.20	0.03	3,316	176.32	0.05
37.30	0.03	3,311	176.32	0.05
37.40	0.03	3,307	176.32	0.05
37.50	0.03	3,302	176.31	0.04
37.60	0.03	3,297	176.31	0.04
37.70	0.03	3,292	176.31	0.04
37.80	0.03	3,287	176.31	0.04
37.90	0.03	3,282	176.31	0.04
38.00	0.03	3,278	176.31	0.04
38.10	0.03	3,273	176.31	0.04
38.20	0.03	3,268	176.31	0.04
38.30	0.03	3,263	176.31	0.04
38.40	0.03	3,259	176.31	0.04
38.50	0.03	3,254	176.31	0.04
38.60	0.03	3,249	176.31	0.04
38.70	0.02	3,244	176.31	0.04
38.80	0.02	3,240	176.31	0.04
38.90	0.02	3,235	176.31	0.04
39.00	0.02	3,231	176.31	0.04
39.10	0.02	3,226	176.31	0.04
39.20	0.02	3,222	176.31	0.03
39.30	0.02	3,217	176.31	0.03
39.40	0.02	3,213	176.31	0.03
39.50	0.02	3,208	176.31	0.03
39.60	0.02	3,204	176.31	0.03
39.70	0.02	3,200	176.31	0.03
39.80	0.02	3,196	176.30	0.03
39.90	0.02	3,191	176.30	0.03
40.00	0.02	3,187	176.30	0.03

Stage-Discharge for Pond B-30: Basin #30

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.75	177.04	3.40	177.56	4.87
176.01	0.00	176.53	0.80	177.05	3.44	177.57	4.90
176.02	0.00	176.54	0.85	177.06	3.47	177.58	4.92
176.03	0.00	176.55	0.90	177.07	3.51	177.59	4.95
176.04	0.00	176.56	0.95	177.08	3.54	177.60	4.97
176.05	0.00	176.57	1.00	177.09	3.57	177.61	4.99
176.06	0.00	176.58	1.05	177.10	3.60	177.62	5.02
176.07	0.00	176.59	1.11	177.11	3.64	177.63	5.04
176.08	0.00	176.60	1.16	177.12	3.67	177.64	5.06
176.09	0.00	176.61	1.22	177.13	3.70	177.65	5.09
176.10	0.00	176.62	1.27	177.14	3.73	177.66	5.11
176.11	0.00	176.63	1.33	177.15	3.76	177.67	5.13
176.12	0.00	176.64	1.39	177.16	3.80	177.68	5.15
176.13	0.00	176.65	1.44	177.17	3.83	177.69	5.18
176.14	0.00	176.66	1.50	177.18	3.86	177.70	5.20
176.15	0.00	176.67	1.56	177.19	3.89	177.71	5.22
176.16	0.00	176.68	1.62	177.20	3.92	177.72	5.24
176.17	0.00	176.69	1.69	177.21	3.95	177.73	5.26
176.18	0.00	176.70	1.75	177.22	3.98	177.74	5.29
176.19	0.00	176.71	1.81	177.23	4.01	177.75	5.31
176.20	0.00	176.72	1.87	177.24	4.04	177.76	5.33
176.21	0.00	176.73	1.94	177.25	4.06	177.77	5.35
176.22	0.00	176.74	2.00	177.26	4.09	177.78	5.37
176.23	0.00	176.75	2.07	177.27	4.12	177.79	5.40
176.24	0.00	176.76	2.13	177.28	4.15	177.80	5.42
176.25	0.00	176.77	2.20	177.29	4.18	177.81	5.44
176.26	0.00	176.78	2.27	177.30	4.21	177.82	5.46
176.27	0.00	176.79	2.33	177.31	4.23	177.83	5.48
176.28	0.00	176.80	2.39	177.32	4.26	177.84	5.50
176.29	0.01	176.81	2.44	177.33	4.29	177.85	5.52
176.30	0.02	176.82	2.50	177.34	4.32	177.86	5.54
176.31	0.03	176.83	2.55	177.35	4.34	177.87	5.57
176.32	0.05	176.84	2.60	177.36	4.37	177.88	5.59
176.33	0.07	176.85	2.64	177.37	4.40	177.89	5.61
176.34	0.09	176.86	2.69	177.38	4.42	177.90	5.63
176.35	0.12	176.87	2.74	177.39	4.45	177.91	5.65
176.36	0.15	176.88	2.78	177.40	4.48	177.92	5.67
176.37	0.17	176.89	2.82	177.41	4.50	177.93	5.69
176.38	0.20	176.90	2.87	177.42	4.53	177.94	5.71
176.39	0.23	176.91	2.91	177.43	4.55	177.95	5.73
176.40	0.27	176.92	2.95	177.44	4.58	177.96	5.75
176.41	0.30	176.93	2.99	177.45	4.60	177.97	5.77
176.42	0.34	176.94	3.03	177.46	4.63	177.98	5.79
176.43	0.37	176.95	3.07	177.47	4.65	177.99	5.81
176.44	0.41	176.96	3.11	177.48	4.68	178.00	5.83
176.45	0.45	176.97	3.15	177.49	4.70	178.01	5.85
176.46	0.49	176.98	3.19	177.50	4.73	178.02	5.87
176.47	0.53	176.99	3.22	177.51	4.75	178.03	5.89
176.48	0.57	177.00	3.26	177.52	4.78	178.04	5.91
176.49	0.62	177.01	3.30	177.53	4.80	178.05	5.93
176.50	0.66	177.02	3.33	177.54	4.83	178.06	5.95
176.51	0.71	177.03	3.37	177.55	4.85	178.07	5.97

Stage-Discharge for Pond B-30: Basin #30 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	5.99	178.60	7.33	179.12	13.93	179.64	29.67
178.09	6.01	178.61	7.41	179.13	14.10	179.65	30.55
178.10	6.03	178.62	7.50	179.14	14.26	179.66	31.46
178.11	6.05	178.63	7.58	179.15	14.42	179.67	32.38
178.12	6.07	178.64	7.67	179.16	14.59	179.68	33.33
178.13	6.08	178.65	7.76	179.17	14.75	179.69	34.30
178.14	6.10	178.66	7.85	179.18	14.92	179.70	35.30
178.15	6.12	178.67	7.95	179.19	15.09	179.71	36.35
178.16	6.14	178.68	8.05	179.20	15.26	179.72	37.43
178.17	6.16	178.69	8.15	179.21	15.43	179.73	38.54
178.18	6.18	178.70	8.25	179.22	15.60	179.74	39.67
178.19	6.20	178.71	8.35	179.23	15.77	179.75	40.83
178.20	6.22	178.72	8.46	179.24	15.94	179.76	42.01
178.21	6.24	178.73	8.56	179.25	16.12	179.77	43.22
178.22	6.25	178.74	8.67	179.26	16.29	179.78	44.46
178.23	6.27	178.75	8.78	179.27	16.46	179.79	45.72
178.24	6.29	178.76	8.90	179.28	16.64	179.80	47.00
178.25	6.31	178.77	9.01	179.29	16.82	179.81	48.31
178.26	6.33	178.78	9.13	179.30	17.00	179.82	49.65
178.27	6.35	178.79	9.25	179.31	17.17	179.83	51.01
178.28	6.36	178.80	9.37	179.32	17.35	179.84	52.39
178.29	6.38	178.81	9.49	179.33	17.53	179.85	53.80
178.30	6.40	178.82	9.61	179.34	17.72	179.86	55.23
178.31	6.42	178.83	9.74	179.35	17.90	179.87	56.69
178.32	6.44	178.84	9.86	179.36	18.08	179.88	58.18
178.33	6.45	178.85	9.99	179.37	18.26	179.89	59.68
178.34	6.47	178.86	10.12	179.38	18.45	179.90	61.22
178.35	6.49	178.87	10.25	179.39	18.63	179.91	62.80
178.36	6.51	178.88	10.38	179.40	18.82	179.92	64.41
178.37	6.53	178.89	10.52	179.41	19.01	179.93	66.05
178.38	6.54	178.90	10.65	179.42	19.19	179.94	67.71
178.39	6.56	178.91	10.79	179.43	19.38	179.95	69.40
178.40	6.58	178.92	10.93	179.44	19.57	179.96	71.12
178.41	6.60	178.93	11.06	179.45	19.76	179.97	72.87
178.42	6.61	178.94	11.21	179.46	19.95	179.98	74.64
178.43	6.63	178.95	11.35	179.47	20.14	179.99	76.43
178.44	6.65	178.96	11.49	179.48	20.34	180.00	78.26
178.45	6.67	178.97	11.63	179.49	20.53		
178.46	6.68	178.98	11.78	179.50	20.72		
178.47	6.70	178.99	11.93	179.51	21.03		
178.48	6.72	179.00	12.07	179.52	21.44		
178.49	6.74	179.01	12.22	179.53	21.92		
178.50	6.75	179.02	12.37	179.54	22.44		
178.51	6.78	179.03	12.52	179.55	23.01		
178.52	6.82	179.04	12.68	179.56	23.62		
178.53	6.87	179.05	12.83	179.57	24.27		
178.54	6.93	179.06	12.98	179.58	24.95		
178.55	6.98	179.07	13.14	179.59	25.67		
178.56	7.05	179.08	13.30	179.60	26.41		
178.57	7.11	179.09	13.45	179.61	27.19		
178.58	7.18	179.10	13.61	179.62	27.99		
178.59	7.26	179.11	13.77	179.63	28.82		

Stage-Area-Storage for Pond B-30: Basin #30

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	10,254	0	176.52	11,044	5,537
176.01	10,269	103	176.53	11,059	5,648
176.02	10,284	205	176.54	11,074	5,759
176.03	10,300	308	176.55	11,089	5,869
176.04	10,315	411	176.56	11,105	5,980
176.05	10,330	515	176.57	11,120	6,092
176.06	10,345	618	176.58	11,135	6,203
176.07	10,360	722	176.59	11,150	6,314
176.08	10,376	825	176.60	11,165	6,426
176.09	10,391	929	176.61	11,181	6,538
176.10	10,406	1,033	176.62	11,196	6,649
176.11	10,421	1,137	176.63	11,211	6,761
176.12	10,436	1,241	176.64	11,226	6,874
176.13	10,451	1,346	176.65	11,241	6,986
176.14	10,467	1,450	176.66	11,257	7,098
176.15	10,482	1,555	176.67	11,272	7,211
176.16	10,497	1,660	176.68	11,287	7,324
176.17	10,512	1,765	176.69	11,302	7,437
176.18	10,527	1,870	176.70	11,317	7,550
176.19	10,543	1,976	176.71	11,332	7,663
176.20	10,558	2,081	176.72	11,348	7,777
176.21	10,573	2,187	176.73	11,363	7,890
176.22	10,588	2,293	176.74	11,378	8,004
176.23	10,603	2,399	176.75	11,393	8,118
176.24	10,619	2,505	176.76	11,408	8,232
176.25	10,634	2,611	176.77	11,424	8,346
176.26	10,649	2,717	176.78	11,439	8,460
176.27	10,664	2,824	176.79	11,454	8,575
176.28	10,679	2,931	176.80	11,469	8,689
176.29	10,695	3,038	176.81	11,484	8,804
176.30	10,710	3,145	176.82	11,500	8,919
176.31	10,725	3,252	176.83	11,515	9,034
176.32	10,740	3,359	176.84	11,530	9,149
176.33	10,755	3,467	176.85	11,545	9,265
176.34	10,770	3,574	176.86	11,560	9,380
176.35	10,786	3,682	176.87	11,576	9,496
176.36	10,801	3,790	176.88	11,591	9,612
176.37	10,816	3,898	176.89	11,606	9,728
176.38	10,831	4,006	176.90	11,621	9,844
176.39	10,846	4,115	176.91	11,636	9,960
176.40	10,862	4,223	176.92	11,651	10,077
176.41	10,877	4,332	176.93	11,667	10,193
176.42	10,892	4,441	176.94	11,682	10,310
176.43	10,907	4,550	176.95	11,697	10,427
176.44	10,922	4,659	176.96	11,712	10,544
176.45	10,938	4,768	176.97	11,727	10,661
176.46	10,953	4,878	176.98	11,743	10,778
176.47	10,968	4,987	176.99	11,758	10,896
176.48	10,983	5,097	177.00	11,773	11,014
176.49	10,998	5,207	177.01	11,789	11,131
176.50	11,014	5,317	177.02	11,804	11,249
176.51	11,029	5,427	177.03	11,820	11,367

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	11,836	11,486	177.56	12,654	17,853
177.05	11,852	11,604	177.57	12,670	17,980
177.06	11,867	11,723	177.58	12,685	18,106
177.07	11,883	11,841	177.59	12,701	18,233
177.08	11,899	11,960	177.60	12,717	18,360
177.09	11,915	12,079	177.61	12,733	18,488
177.10	11,930	12,199	177.62	12,748	18,615
177.11	11,946	12,318	177.63	12,764	18,743
177.12	11,962	12,438	177.64	12,780	18,870
177.13	11,977	12,557	177.65	12,795	18,998
177.14	11,993	12,677	177.66	12,811	19,126
177.15	12,009	12,797	177.67	12,827	19,254
177.16	12,025	12,917	177.68	12,843	19,383
177.17	12,040	13,038	177.69	12,858	19,511
177.18	12,056	13,158	177.70	12,874	19,640
177.19	12,072	13,279	177.71	12,890	19,769
177.20	12,088	13,400	177.72	12,906	19,898
177.21	12,103	13,521	177.73	12,921	20,027
177.22	12,119	13,642	177.74	12,937	20,156
177.23	12,135	13,763	177.75	12,953	20,286
177.24	12,151	13,884	177.76	12,968	20,415
177.25	12,166	14,006	177.77	12,984	20,545
177.26	12,182	14,128	177.78	13,000	20,675
177.27	12,198	14,250	177.79	13,016	20,805
177.28	12,213	14,372	177.80	13,031	20,935
177.29	12,229	14,494	177.81	13,047	21,066
177.30	12,245	14,616	177.82	13,063	21,196
177.31	12,261	14,739	177.83	13,079	21,327
177.32	12,276	14,861	177.84	13,094	21,458
177.33	12,292	14,984	177.85	13,110	21,589
177.34	12,308	15,107	177.86	13,126	21,720
177.35	12,324	15,230	177.87	13,142	21,851
177.36	12,339	15,354	177.88	13,157	21,983
177.37	12,355	15,477	177.89	13,173	22,114
177.38	12,371	15,601	177.90	13,189	22,246
177.39	12,386	15,725	177.91	13,204	22,378
177.40	12,402	15,849	177.92	13,220	22,510
177.41	12,418	15,973	177.93	13,236	22,643
177.42	12,434	16,097	177.94	13,252	22,775
177.43	12,449	16,221	177.95	13,267	22,908
177.44	12,465	16,346	177.96	13,283	23,040
177.45	12,481	16,471	177.97	13,299	23,173
177.46	12,497	16,596	177.98	13,315	23,306
177.47	12,512	16,721	177.99	13,330	23,440
177.48	12,528	16,846	178.00	13,346	23,573
177.49	12,544	16,971	178.01	13,362	23,707
177.50	12,560	17,097	178.02	13,379	23,840
177.51	12,575	17,222	178.03	13,395	23,974
177.52	12,591	17,348	178.04	13,411	24,108
177.53	12,607	17,474	178.05	13,428	24,242
177.54	12,622	17,600	178.06	13,444	24,377
177.55	12,638	17,727	178.07	13,460	24,511

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	13,477	24,646	178.60	14,325	31,874
178.09	13,493	24,781	178.61	14,342	32,018
178.10	13,509	24,916	178.62	14,358	32,161
178.11	13,526	25,051	178.63	14,374	32,305
178.12	13,542	25,186	178.64	14,390	32,449
178.13	13,558	25,322	178.65	14,407	32,593
178.14	13,574	25,457	178.66	14,423	32,737
178.15	13,591	25,593	178.67	14,439	32,881
178.16	13,607	25,729	178.68	14,456	33,026
178.17	13,623	25,865	178.69	14,472	33,170
178.18	13,640	26,002	178.70	14,488	33,315
178.19	13,656	26,138	178.71	14,505	33,460
178.20	13,672	26,275	178.72	14,521	33,605
178.21	13,689	26,412	178.73	14,537	33,750
178.22	13,705	26,549	178.74	14,554	33,896
178.23	13,721	26,686	178.75	14,570	34,042
178.24	13,738	26,823	178.76	14,586	34,187
178.25	13,754	26,961	178.77	14,603	34,333
178.26	13,770	27,098	178.78	14,619	34,479
178.27	13,787	27,236	178.79	14,635	34,626
178.28	13,803	27,374	178.80	14,652	34,772
178.29	13,819	27,512	178.81	14,668	34,919
178.30	13,836	27,650	178.82	14,684	35,065
178.31	13,852	27,789	178.83	14,701	35,212
178.32	13,868	27,927	178.84	14,717	35,359
178.33	13,885	28,066	178.85	14,733	35,507
178.34	13,901	28,205	178.86	14,750	35,654
178.35	13,917	28,344	178.87	14,766	35,802
178.36	13,934	28,483	178.88	14,782	35,949
178.37	13,950	28,623	178.89	14,798	36,097
178.38	13,966	28,762	178.90	14,815	36,245
178.39	13,982	28,902	178.91	14,831	36,394
178.40	13,999	29,042	178.92	14,847	36,542
178.41	14,015	29,182	178.93	14,864	36,691
178.42	14,031	29,322	178.94	14,880	36,839
178.43	14,048	29,463	178.95	14,896	36,988
178.44	14,064	29,603	178.96	14,913	37,137
178.45	14,080	29,744	178.97	14,929	37,286
178.46	14,097	29,885	178.98	14,945	37,436
178.47	14,113	30,026	178.99	14,962	37,585
178.48	14,129	30,167	179.00	14,978	37,735
178.49	14,146	30,308	179.01	14,995	37,885
178.50	14,162	30,450	179.02	15,012	38,035
178.51	14,178	30,592	179.03	15,029	38,185
178.52	14,195	30,734	179.04	15,046	38,335
178.53	14,211	30,876	179.05	15,062	38,486
178.54	14,227	31,018	179.06	15,079	38,637
178.55	14,244	31,160	179.07	15,096	38,788
178.56	14,260	31,303	179.08	15,113	38,939
178.57	14,276	31,445	179.09	15,130	39,090
178.58	14,293	31,588	179.10	15,147	39,241
178.59	14,309	31,731	179.11	15,164	39,393

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	15,181	39,545	179.64	16,059	47,667
179.13	15,198	39,696	179.65	16,076	47,828
179.14	15,214	39,848	179.66	16,093	47,988
179.15	15,231	40,001	179.67	16,110	48,149
179.16	15,248	40,153	179.68	16,127	48,311
179.17	15,265	40,306	179.69	16,143	48,472
179.18	15,282	40,458	179.70	16,160	48,633
179.19	15,299	40,611	179.71	16,177	48,795
179.20	15,316	40,764	179.72	16,194	48,957
179.21	15,333	40,918	179.73	16,211	49,119
179.22	15,350	41,071	179.74	16,228	49,281
179.23	15,366	41,225	179.75	16,245	49,444
179.24	15,383	41,378	179.76	16,262	49,606
179.25	15,400	41,532	179.77	16,279	49,769
179.26	15,417	41,686	179.78	16,295	49,932
179.27	15,434	41,841	179.79	16,312	50,095
179.28	15,451	41,995	179.80	16,329	50,258
179.29	15,468	42,150	179.81	16,346	50,421
179.30	15,485	42,304	179.82	16,363	50,585
179.31	15,502	42,459	179.83	16,380	50,749
179.32	15,518	42,614	179.84	16,397	50,912
179.33	15,535	42,770	179.85	16,414	51,076
179.34	15,552	42,925	179.86	16,431	51,241
179.35	15,569	43,081	179.87	16,447	51,405
179.36	15,586	43,237	179.88	16,464	51,570
179.37	15,603	43,392	179.89	16,481	51,734
179.38	15,620	43,549	179.90	16,498	51,899
179.39	15,637	43,705	179.91	16,515	52,064
179.40	15,654	43,861	179.92	16,532	52,230
179.41	15,670	44,018	179.93	16,549	52,395
179.42	15,687	44,175	179.94	16,566	52,561
179.43	15,704	44,332	179.95	16,583	52,726
179.44	15,721	44,489	179.96	16,599	52,892
179.45	15,738	44,646	179.97	16,616	53,058
179.46	15,755	44,804	179.98	16,633	53,224
179.47	15,772	44,961	179.99	16,650	53,391
179.48	15,789	45,119	180.00	16,667	53,558
179.49	15,806	45,277			
179.50	15,823	45,435			
179.51	15,839	45,593			
179.52	15,856	45,752			
179.53	15,873	45,911			
179.54	15,890	46,069			
179.55	15,907	46,228			
179.56	15,924	46,388			
179.57	15,941	46,547			
179.58	15,958	46,706			
179.59	15,975	46,866			
179.60	15,991	47,026			
179.61	16,008	47,186			
179.62	16,025	47,346			
179.63	16,042	47,506			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 4.29" for Current 10 yr event
 Inflow = 3.86 cfs @ 12.17 hrs, Volume= 0.330 af
 Outflow = 2.85 cfs @ 12.26 hrs, Volume= 0.266 af, Atten= 26%, Lag= 5.7 min
 Primary = 2.85 cfs @ 12.26 hrs, Volume= 0.266 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.35' @ 12.27 hrs Surf.Area= 3,503 sf Storage= 6,347 cf

Plug-Flow detention time= 283.2 min calculated for 0.265 af (80% of inflow)
 Center-of-Mass det. time= 204.5 min (968.4 - 763.8)

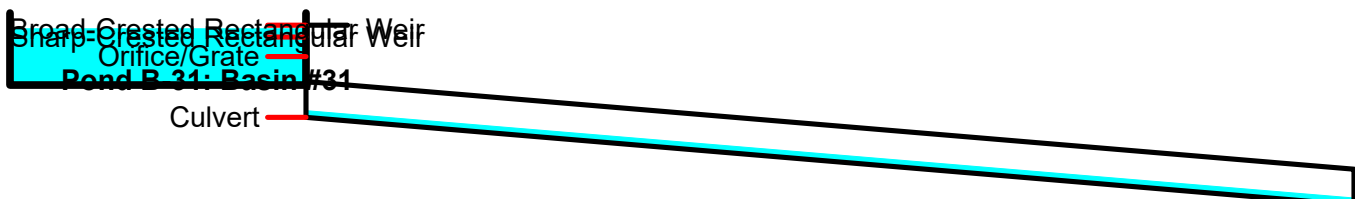
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	8,773 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	1,944	0	0
194.00	2,566	2,255	2,255
195.00	3,245	2,906	5,161
196.00	3,980	3,613	8,773

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.19'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

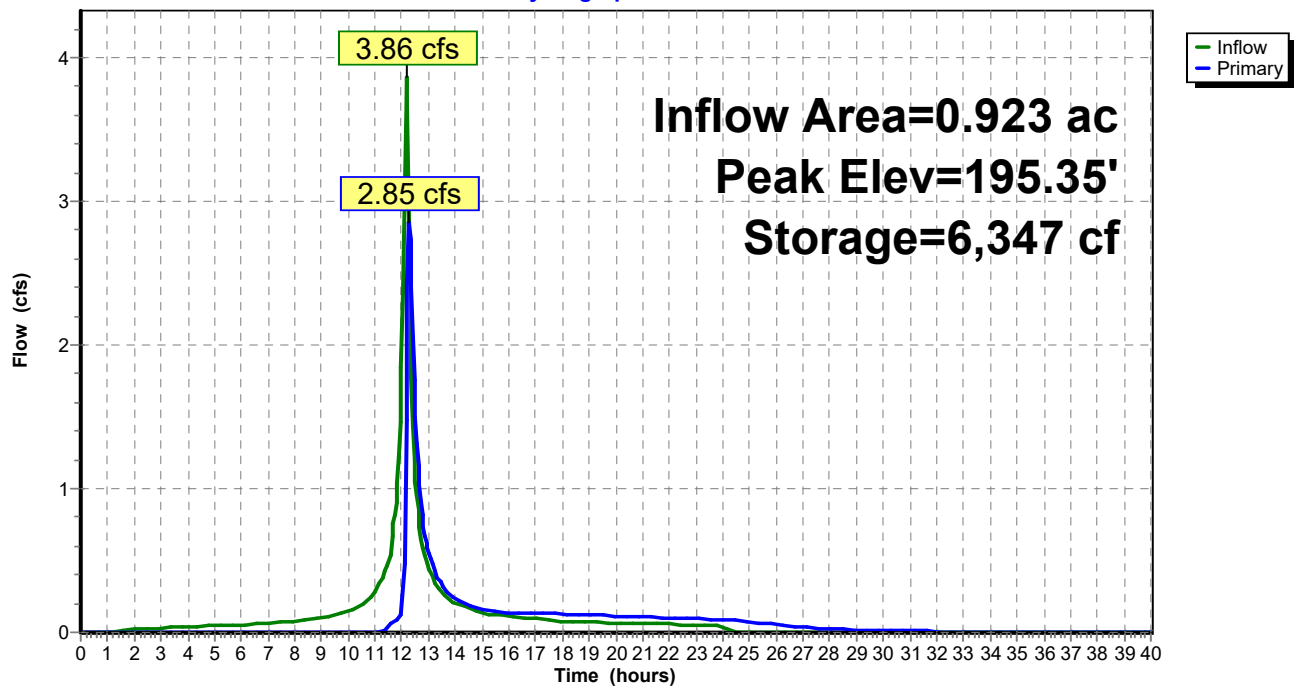
Primary OutFlow Max=2.79 cfs @ 12.26 hrs HW=195.35' (Free Discharge)

1=Culvert (Passes 2.79 cfs of 14.61 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.94 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.63 cfs @ 1.93 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-31: Basin #31

Hydrograph



Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	0	193.00	0.00
0.50	0.00	0	193.00	0.00
0.60	0.00	0	193.00	0.00
0.70	0.00	0	193.00	0.00
0.80	0.00	0	193.00	0.00
0.90	0.00	0	193.00	0.00
1.00	0.00	1	193.00	0.00
1.10	0.00	2	193.00	0.00
1.20	0.01	4	193.00	0.00
1.30	0.01	6	193.00	0.00
1.40	0.01	9	193.00	0.00
1.50	0.01	13	193.01	0.00
1.60	0.01	18	193.01	0.00
1.70	0.01	22	193.01	0.00
1.80	0.02	28	193.01	0.00
1.90	0.02	34	193.02	0.00
2.00	0.02	40	193.02	0.00
2.10	0.02	47	193.02	0.00
2.20	0.02	55	193.03	0.00
2.30	0.02	62	193.03	0.00
2.40	0.02	71	193.04	0.00
2.50	0.02	79	193.04	0.00
2.60	0.03	88	193.05	0.00
2.70	0.03	98	193.05	0.00
2.80	0.03	108	193.05	0.00
2.90	0.03	118	193.06	0.00
3.00	0.03	128	193.07	0.00
3.10	0.03	139	193.07	0.00
3.20	0.03	150	193.08	0.00
3.30	0.03	162	193.08	0.00
3.40	0.03	173	193.09	0.00
3.50	0.03	186	193.09	0.00
3.60	0.03	198	193.10	0.00
3.70	0.04	211	193.11	0.00
3.80	0.04	224	193.11	0.00
3.90	0.04	237	193.12	0.00
4.00	0.04	251	193.13	0.00
4.10	0.04	264	193.13	0.00
4.20	0.04	278	193.14	0.00
4.30	0.04	293	193.15	0.00
4.40	0.04	307	193.15	0.00
4.50	0.04	322	193.16	0.00
4.60	0.04	337	193.17	0.00
4.70	0.04	353	193.18	0.00
4.80	0.04	368	193.18	0.00
4.90	0.04	384	193.19	0.00
5.00	0.04	400	193.20	0.00
5.10	0.05	416	193.21	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	433	193.22	0.00
5.30	0.05	449	193.22	0.00
5.40	0.05	466	193.23	0.00
5.50	0.05	483	193.24	0.00
5.60	0.05	501	193.25	0.00
5.70	0.05	518	193.26	0.00
5.80	0.05	536	193.26	0.00
5.90	0.05	554	193.27	0.00
6.00	0.05	572	193.28	0.00
6.10	0.05	590	193.29	0.00
6.20	0.05	609	193.30	0.00
6.30	0.05	628	193.31	0.00
6.40	0.06	648	193.32	0.00
6.50	0.06	668	193.33	0.00
6.60	0.06	689	193.34	0.00
6.70	0.06	711	193.35	0.00
6.80	0.06	732	193.36	0.00
6.90	0.06	755	193.37	0.00
7.00	0.06	778	193.38	0.00
7.10	0.07	802	193.39	0.00
7.20	0.07	826	193.40	0.00
7.30	0.07	851	193.41	0.00
7.40	0.07	876	193.42	0.00
7.50	0.07	902	193.43	0.00
7.60	0.07	928	193.45	0.00
7.70	0.08	955	193.46	0.00
7.80	0.08	982	193.47	0.00
7.90	0.08	1,010	193.48	0.00
8.00	0.08	1,039	193.50	0.00
8.10	0.08	1,068	193.51	0.00
8.20	0.08	1,098	193.52	0.00
8.30	0.08	1,128	193.53	0.00
8.40	0.09	1,159	193.55	0.00
8.50	0.09	1,191	193.56	0.00
8.60	0.09	1,222	193.58	0.00
8.70	0.09	1,255	193.59	0.00
8.80	0.09	1,288	193.60	0.00
8.90	0.09	1,322	193.62	0.00
9.00	0.10	1,356	193.63	0.00
9.10	0.10	1,391	193.65	0.00
9.20	0.10	1,427	193.66	0.00
9.30	0.11	1,466	193.68	0.00
9.40	0.11	1,506	193.70	0.00
9.50	0.12	1,548	193.71	0.00
9.60	0.13	1,593	193.73	0.00
9.70	0.13	1,640	193.75	0.00
9.80	0.14	1,688	193.77	0.00
9.90	0.14	1,739	193.79	0.00
10.00	0.15	1,792	193.82	0.00
10.10	0.16	1,848	193.84	0.00
10.20	0.16	1,905	193.86	0.00
10.30	0.17	1,965	193.89	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	2,027	193.91	0.00
10.50	0.18	2,092	193.94	0.00
10.60	0.19	2,159	193.96	0.00
10.70	0.21	2,231	193.99	0.00
10.80	0.23	2,311	194.02	0.00
10.90	0.26	2,399	194.06	0.00
11.00	0.28	2,495	194.09	0.00
11.10	0.31	2,600	194.13	0.00
11.20	0.35	2,718	194.18	0.00
11.30	0.39	2,849	194.22	0.00
11.40	0.43	2,994	194.28	0.01
11.50	0.48	3,150	194.33	0.03
11.60	0.57	3,320	194.39	0.05
11.70	0.75	3,538	194.47	0.07
11.80	0.91	3,806	194.56	0.09
11.90	1.22	4,151	194.68	0.10
12.00	1.84	4,648	194.84	0.12
12.10	3.10	5,440	195.09	0.47
12.20	3.72	6,211	195.31	2.42
12.30	2.24	6,308	195.34	2.72
12.40	1.43	6,093	195.28	2.06
12.50	1.05	5,896	195.22	1.50
12.60	0.85	5,763	195.18	1.16
12.70	0.64	5,656	195.15	0.91
12.80	0.55	5,575	195.13	0.73
12.90	0.50	5,520	195.11	0.62
13.00	0.45	5,481	195.10	0.54
13.10	0.40	5,447	195.09	0.49
13.20	0.36	5,417	195.08	0.43
13.30	0.33	5,392	195.07	0.39
13.40	0.30	5,371	195.06	0.36
13.50	0.28	5,350	195.06	0.33
13.60	0.25	5,331	195.05	0.30
13.70	0.23	5,313	195.05	0.28
13.80	0.22	5,298	195.04	0.26
13.90	0.21	5,286	195.04	0.24
14.00	0.20	5,276	195.04	0.23
14.10	0.20	5,266	195.03	0.22
14.20	0.19	5,258	195.03	0.21
14.30	0.19	5,250	195.03	0.21
14.40	0.18	5,242	195.03	0.20
14.50	0.17	5,235	195.02	0.19
14.60	0.17	5,227	195.02	0.19
14.70	0.16	5,220	195.02	0.18
14.80	0.15	5,213	195.02	0.17
14.90	0.15	5,206	195.01	0.16
15.00	0.14	5,199	195.01	0.16
15.10	0.13	5,192	195.01	0.15
15.20	0.13	5,185	195.01	0.15
15.30	0.12	5,177	195.01	0.14
15.40	0.12	5,169	195.00	0.14
15.50	0.12	5,162	195.00	0.14

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.12	5,155	195.00	0.14
15.70	0.12	5,148	195.00	0.14
15.80	0.11	5,140	194.99	0.14
15.90	0.11	5,132	194.99	0.14
16.00	0.11	5,123	194.99	0.14
16.10	0.11	5,113	194.99	0.14
16.20	0.11	5,103	194.98	0.14
16.30	0.11	5,093	194.98	0.14
16.40	0.10	5,081	194.98	0.14
16.50	0.10	5,070	194.97	0.14
16.60	0.10	5,058	194.97	0.13
16.70	0.10	5,045	194.96	0.13
16.80	0.10	5,032	194.96	0.13
16.90	0.10	5,018	194.96	0.13
17.00	0.09	5,004	194.95	0.13
17.10	0.09	4,990	194.95	0.13
17.20	0.09	4,975	194.94	0.13
17.30	0.09	4,960	194.94	0.13
17.40	0.09	4,944	194.93	0.13
17.50	0.08	4,927	194.93	0.13
17.60	0.08	4,911	194.92	0.13
17.70	0.08	4,893	194.92	0.13
17.80	0.08	4,876	194.91	0.13
17.90	0.08	4,858	194.91	0.13
18.00	0.08	4,839	194.90	0.13
18.10	0.07	4,820	194.89	0.13
18.20	0.07	4,801	194.89	0.13
18.30	0.07	4,781	194.88	0.13
18.40	0.07	4,762	194.88	0.13
18.50	0.07	4,743	194.87	0.12
18.60	0.07	4,723	194.86	0.12
18.70	0.07	4,704	194.86	0.12
18.80	0.07	4,685	194.85	0.12
18.90	0.07	4,666	194.85	0.12
19.00	0.07	4,647	194.84	0.12
19.10	0.07	4,628	194.83	0.12
19.20	0.07	4,609	194.83	0.12
19.30	0.07	4,591	194.82	0.12
19.40	0.07	4,572	194.82	0.12
19.50	0.07	4,554	194.81	0.12
19.60	0.07	4,535	194.80	0.12
19.70	0.07	4,517	194.80	0.12
19.80	0.07	4,499	194.79	0.12
19.90	0.06	4,480	194.79	0.12
20.00	0.06	4,462	194.78	0.11
20.10	0.06	4,444	194.77	0.11
20.20	0.06	4,426	194.77	0.11
20.30	0.06	4,409	194.76	0.11
20.40	0.06	4,391	194.76	0.11
20.50	0.06	4,373	194.75	0.11
20.60	0.06	4,356	194.75	0.11
20.70	0.06	4,338	194.74	0.11

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	4,321	194.73	0.11
20.90	0.06	4,304	194.73	0.11
21.00	0.06	4,286	194.72	0.11
21.10	0.06	4,269	194.72	0.11
21.20	0.06	4,252	194.71	0.11
21.30	0.06	4,235	194.71	0.11
21.40	0.06	4,219	194.70	0.10
21.50	0.06	4,202	194.69	0.10
21.60	0.06	4,185	194.69	0.10
21.70	0.06	4,169	194.68	0.10
21.80	0.06	4,152	194.68	0.10
21.90	0.06	4,136	194.67	0.10
22.00	0.06	4,120	194.67	0.10
22.10	0.05	4,104	194.66	0.10
22.20	0.05	4,088	194.66	0.10
22.30	0.05	4,072	194.65	0.10
22.40	0.05	4,056	194.65	0.10
22.50	0.05	4,040	194.64	0.10
22.60	0.05	4,025	194.64	0.10
22.70	0.05	4,009	194.63	0.10
22.80	0.05	3,994	194.63	0.09
22.90	0.05	3,979	194.62	0.09
23.00	0.05	3,963	194.62	0.09
23.10	0.05	3,948	194.61	0.09
23.20	0.05	3,933	194.61	0.09
23.30	0.05	3,918	194.60	0.09
23.40	0.05	3,904	194.60	0.09
23.50	0.05	3,889	194.59	0.09
23.60	0.05	3,875	194.59	0.09
23.70	0.05	3,860	194.58	0.09
23.80	0.05	3,846	194.58	0.09
23.90	0.05	3,832	194.57	0.09
24.00	0.05	3,818	194.57	0.09
24.10	0.04	3,804	194.56	0.08
24.20	0.01	3,783	194.55	0.08
24.30	0.00	3,756	194.55	0.08
24.40	0.00	3,727	194.54	0.08
24.50	0.00	3,698	194.53	0.08
24.60	0.00	3,670	194.52	0.08
24.70	0.00	3,643	194.51	0.08
24.80	0.00	3,616	194.50	0.07
24.90	0.00	3,589	194.49	0.07
25.00	0.00	3,564	194.48	0.07
25.10	0.00	3,538	194.47	0.07
25.20	0.00	3,514	194.46	0.07
25.30	0.00	3,490	194.45	0.07
25.40	0.00	3,467	194.45	0.06
25.50	0.00	3,444	194.44	0.06
25.60	0.00	3,422	194.43	0.06
25.70	0.00	3,400	194.42	0.06
25.80	0.00	3,380	194.42	0.06
25.90	0.00	3,359	194.41	0.06

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,340	194.40	0.05
26.10	0.00	3,321	194.39	0.05
26.20	0.00	3,302	194.39	0.05
26.30	0.00	3,284	194.38	0.05
26.40	0.00	3,267	194.38	0.05
26.50	0.00	3,251	194.37	0.04
26.60	0.00	3,235	194.36	0.04
26.70	0.00	3,220	194.36	0.04
26.80	0.00	3,205	194.35	0.04
26.90	0.00	3,191	194.35	0.04
27.00	0.00	3,178	194.34	0.04
27.10	0.00	3,165	194.34	0.03
27.20	0.00	3,153	194.34	0.03
27.30	0.00	3,141	194.33	0.03
27.40	0.00	3,130	194.33	0.03
27.50	0.00	3,120	194.32	0.03
27.60	0.00	3,110	194.32	0.03
27.70	0.00	3,100	194.32	0.03
27.80	0.00	3,091	194.31	0.03
27.90	0.00	3,082	194.31	0.02
28.00	0.00	3,074	194.31	0.02
28.10	0.00	3,066	194.30	0.02
28.20	0.00	3,058	194.30	0.02
28.30	0.00	3,050	194.30	0.02
28.40	0.00	3,043	194.30	0.02
28.50	0.00	3,036	194.29	0.02
28.60	0.00	3,030	194.29	0.02
28.70	0.00	3,024	194.29	0.02
28.80	0.00	3,018	194.29	0.02
28.90	0.00	3,012	194.28	0.02
29.00	0.00	3,006	194.28	0.02
29.10	0.00	3,001	194.28	0.01
29.20	0.00	2,996	194.28	0.01
29.30	0.00	2,991	194.28	0.01
29.40	0.00	2,986	194.27	0.01
29.50	0.00	2,981	194.27	0.01
29.60	0.00	2,977	194.27	0.01
29.70	0.00	2,972	194.27	0.01
29.80	0.00	2,968	194.27	0.01
29.90	0.00	2,964	194.27	0.01
30.00	0.00	2,960	194.27	0.01
30.10	0.00	2,957	194.26	0.01
30.20	0.00	2,953	194.26	0.01
30.30	0.00	2,949	194.26	0.01
30.40	0.00	2,946	194.26	0.01
30.50	0.00	2,943	194.26	0.01
30.60	0.00	2,940	194.26	0.01
30.70	0.00	2,937	194.26	0.01
30.80	0.00	2,934	194.26	0.01
30.90	0.00	2,931	194.25	0.01
31.00	0.00	2,928	194.25	0.01
31.10	0.00	2,925	194.25	0.01

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,922	194.25	0.01
31.30	0.00	2,920	194.25	0.01
31.40	0.00	2,917	194.25	0.01
31.50	0.00	2,915	194.25	0.01
31.60	0.00	2,912	194.25	0.01
31.70	0.00	2,910	194.25	0.01
31.80	0.00	2,908	194.25	0.01
31.90	0.00	2,905	194.25	0.01
32.00	0.00	2,903	194.24	0.01
32.10	0.00	2,901	194.24	0.01
32.20	0.00	2,899	194.24	0.01
32.30	0.00	2,897	194.24	0.01
32.40	0.00	2,895	194.24	0.01
32.50	0.00	2,893	194.24	0.01
32.60	0.00	2,891	194.24	0.01
32.70	0.00	2,889	194.24	0.01
32.80	0.00	2,887	194.24	0.00
32.90	0.00	2,886	194.24	0.00
33.00	0.00	2,884	194.24	0.00
33.10	0.00	2,882	194.24	0.00
33.20	0.00	2,881	194.24	0.00
33.30	0.00	2,879	194.24	0.00
33.40	0.00	2,878	194.24	0.00
33.50	0.00	2,876	194.23	0.00
33.60	0.00	2,875	194.23	0.00
33.70	0.00	2,873	194.23	0.00
33.80	0.00	2,872	194.23	0.00
33.90	0.00	2,871	194.23	0.00
34.00	0.00	2,869	194.23	0.00
34.10	0.00	2,868	194.23	0.00
34.20	0.00	2,867	194.23	0.00
34.30	0.00	2,866	194.23	0.00
34.40	0.00	2,864	194.23	0.00
34.50	0.00	2,863	194.23	0.00
34.60	0.00	2,862	194.23	0.00
34.70	0.00	2,861	194.23	0.00
34.80	0.00	2,860	194.23	0.00
34.90	0.00	2,859	194.23	0.00
35.00	0.00	2,858	194.23	0.00
35.10	0.00	2,857	194.23	0.00
35.20	0.00	2,856	194.23	0.00
35.30	0.00	2,855	194.23	0.00
35.40	0.00	2,854	194.23	0.00
35.50	0.00	2,853	194.23	0.00
35.60	0.00	2,852	194.23	0.00
35.70	0.00	2,851	194.23	0.00
35.80	0.00	2,850	194.23	0.00
35.90	0.00	2,849	194.22	0.00
36.00	0.00	2,848	194.22	0.00
36.10	0.00	2,847	194.22	0.00
36.20	0.00	2,846	194.22	0.00
36.30	0.00	2,845	194.22	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,844	194.22	0.00
36.50	0.00	2,844	194.22	0.00
36.60	0.00	2,843	194.22	0.00
36.70	0.00	2,842	194.22	0.00
36.80	0.00	2,841	194.22	0.00
36.90	0.00	2,840	194.22	0.00
37.00	0.00	2,839	194.22	0.00
37.10	0.00	2,838	194.22	0.00
37.20	0.00	2,838	194.22	0.00
37.30	0.00	2,837	194.22	0.00
37.40	0.00	2,836	194.22	0.00
37.50	0.00	2,835	194.22	0.00
37.60	0.00	2,835	194.22	0.00
37.70	0.00	2,834	194.22	0.00
37.80	0.00	2,833	194.22	0.00
37.90	0.00	2,832	194.22	0.00
38.00	0.00	2,832	194.22	0.00
38.10	0.00	2,831	194.22	0.00
38.20	0.00	2,830	194.22	0.00
38.30	0.00	2,830	194.22	0.00
38.40	0.00	2,829	194.22	0.00
38.50	0.00	2,828	194.22	0.00
38.60	0.00	2,828	194.22	0.00
38.70	0.00	2,827	194.22	0.00
38.80	0.00	2,826	194.22	0.00
38.90	0.00	2,826	194.22	0.00
39.00	0.00	2,825	194.22	0.00
39.10	0.00	2,824	194.22	0.00
39.20	0.00	2,824	194.22	0.00
39.30	0.00	2,823	194.22	0.00
39.40	0.00	2,822	194.22	0.00
39.50	0.00	2,822	194.21	0.00
39.60	0.00	2,821	194.21	0.00
39.70	0.00	2,821	194.21	0.00
39.80	0.00	2,820	194.21	0.00
39.90	0.00	2,820	194.21	0.00
40.00	0.00	2,819	194.21	0.00

Stage-Discharge for Pond B-31: Basin #31

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	0.00	194.56	0.08
193.01	0.00	193.53	0.00	194.05	0.00	194.57	0.09
193.02	0.00	193.54	0.00	194.06	0.00	194.58	0.09
193.03	0.00	193.55	0.00	194.07	0.00	194.59	0.09
193.04	0.00	193.56	0.00	194.08	0.00	194.60	0.09
193.05	0.00	193.57	0.00	194.09	0.00	194.61	0.09
193.06	0.00	193.58	0.00	194.10	0.00	194.62	0.09
193.07	0.00	193.59	0.00	194.11	0.00	194.63	0.10
193.08	0.00	193.60	0.00	194.12	0.00	194.64	0.10
193.09	0.00	193.61	0.00	194.13	0.00	194.65	0.10
193.10	0.00	193.62	0.00	194.14	0.00	194.66	0.10
193.11	0.00	193.63	0.00	194.15	0.00	194.67	0.10
193.12	0.00	193.64	0.00	194.16	0.00	194.68	0.10
193.13	0.00	193.65	0.00	194.17	0.00	194.69	0.10
193.14	0.00	193.66	0.00	194.18	0.00	194.70	0.10
193.15	0.00	193.67	0.00	194.19	0.00	194.71	0.11
193.16	0.00	193.68	0.00	194.20	0.00	194.72	0.11
193.17	0.00	193.69	0.00	194.21	0.00	194.73	0.11
193.18	0.00	193.70	0.00	194.22	0.00	194.74	0.11
193.19	0.00	193.71	0.00	194.23	0.00	194.75	0.11
193.20	0.00	193.72	0.00	194.24	0.00	194.76	0.11
193.21	0.00	193.73	0.00	194.25	0.01	194.77	0.11
193.22	0.00	193.74	0.00	194.26	0.01	194.78	0.11
193.23	0.00	193.75	0.00	194.27	0.01	194.79	0.12
193.24	0.00	193.76	0.00	194.28	0.01	194.80	0.12
193.25	0.00	193.77	0.00	194.29	0.02	194.81	0.12
193.26	0.00	193.78	0.00	194.30	0.02	194.82	0.12
193.27	0.00	193.79	0.00	194.31	0.02	194.83	0.12
193.28	0.00	193.80	0.00	194.32	0.03	194.84	0.12
193.29	0.00	193.81	0.00	194.33	0.03	194.85	0.12
193.30	0.00	193.82	0.00	194.34	0.03	194.86	0.12
193.31	0.00	193.83	0.00	194.35	0.04	194.87	0.12
193.32	0.00	193.84	0.00	194.36	0.04	194.88	0.13
193.33	0.00	193.85	0.00	194.37	0.05	194.89	0.13
193.34	0.00	193.86	0.00	194.38	0.05	194.90	0.13
193.35	0.00	193.87	0.00	194.39	0.05	194.91	0.13
193.36	0.00	193.88	0.00	194.40	0.05	194.92	0.13
193.37	0.00	193.89	0.00	194.41	0.06	194.93	0.13
193.38	0.00	193.90	0.00	194.42	0.06	194.94	0.13
193.39	0.00	193.91	0.00	194.43	0.06	194.95	0.13
193.40	0.00	193.92	0.00	194.44	0.06	194.96	0.13
193.41	0.00	193.93	0.00	194.45	0.06	194.97	0.13
193.42	0.00	193.94	0.00	194.46	0.07	194.98	0.14
193.43	0.00	193.95	0.00	194.47	0.07	194.99	0.14
193.44	0.00	193.96	0.00	194.48	0.07	195.00	0.14
193.45	0.00	193.97	0.00	194.49	0.07	195.01	0.15
193.46	0.00	193.98	0.00	194.50	0.07	195.02	0.18
193.47	0.00	193.99	0.00	194.51	0.08	195.03	0.21
193.48	0.00	194.00	0.00	194.52	0.08	195.04	0.25
193.49	0.00	194.01	0.00	194.53	0.08	195.05	0.29
193.50	0.00	194.02	0.00	194.54	0.08	195.06	0.34
193.51	0.00	194.03	0.00	194.55	0.08	195.07	0.39

Stage-Discharge for Pond B-31: Basin #31 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	0.44	195.60	9.80
195.09	0.50	195.61	10.52
195.10	0.56	195.62	11.27
195.11	0.62	195.63	12.04
195.12	0.69	195.64	12.84
195.13	0.76	195.65	13.67
195.14	0.83	195.66	14.52
195.15	0.91	195.67	15.39
195.16	0.98	195.68	16.29
195.17	1.06	195.69	17.21
195.18	1.14	195.70	18.15
195.19	1.23	195.71	19.15
195.20	1.31	195.72	20.18
195.21	1.40	195.73	21.24
195.22	1.49	195.74	22.32
195.23	1.58	195.75	23.43
195.24	1.68	195.76	24.56
195.25	1.78	195.77	25.72
195.26	1.87	195.78	26.91
195.27	1.97	195.79	28.12
195.28	2.07	195.80	29.35
195.29	2.18	195.81	30.62
195.30	2.28	195.82	31.90
195.31	2.39	195.83	33.22
195.32	2.50	195.84	34.55
195.33	2.61	195.85	35.92
195.34	2.72	195.86	37.30
195.35	2.83	195.87	38.72
195.36	2.94	195.88	40.15
195.37	3.06	195.89	41.62
195.38	3.18	195.90	43.10
195.39	3.30	195.91	44.64
195.40	3.42	195.92	46.21
195.41	3.54	195.93	47.80
195.42	3.66	195.94	49.42
195.43	3.78	195.95	51.07
195.44	3.91	195.96	52.74
195.45	4.04	195.97	54.44
195.46	4.16	195.98	56.17
195.47	4.29	195.99	57.92
195.48	4.42	196.00	59.71
195.49	4.56		
195.50	4.69		
195.51	4.94		
195.52	5.29		
195.53	5.70		
195.54	6.17		
195.55	6.68		
195.56	7.24		
195.57	7.83		
195.58	8.45		
195.59	9.11		

Stage-Area-Storage for Pond B-31: Basin #31

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	1,944	0	193.52	2,267	1,095
193.01	1,950	19	193.53	2,274	1,118
193.02	1,956	39	193.54	2,280	1,140
193.03	1,963	59	193.55	2,286	1,163
193.04	1,969	78	193.56	2,292	1,186
193.05	1,975	98	193.57	2,299	1,209
193.06	1,981	118	193.58	2,305	1,232
193.07	1,988	138	193.59	2,311	1,255
193.08	1,994	158	193.60	2,317	1,278
193.09	2,000	177	193.61	2,323	1,302
193.10	2,006	198	193.62	2,330	1,325
193.11	2,012	218	193.63	2,336	1,348
193.12	2,019	238	193.64	2,342	1,372
193.13	2,025	258	193.65	2,348	1,395
193.14	2,031	278	193.66	2,355	1,419
193.15	2,037	299	193.67	2,361	1,442
193.16	2,044	319	193.68	2,367	1,466
193.17	2,050	339	193.69	2,373	1,489
193.18	2,056	360	193.70	2,379	1,513
193.19	2,062	381	193.71	2,386	1,537
193.20	2,068	401	193.72	2,392	1,561
193.21	2,075	422	193.73	2,398	1,585
193.22	2,081	443	193.74	2,404	1,609
193.23	2,087	464	193.75	2,411	1,633
193.24	2,093	484	193.76	2,417	1,657
193.25	2,100	505	193.77	2,423	1,681
193.26	2,106	526	193.78	2,429	1,706
193.27	2,112	548	193.79	2,435	1,730
193.28	2,118	569	193.80	2,442	1,754
193.29	2,124	590	193.81	2,448	1,779
193.30	2,131	611	193.82	2,454	1,803
193.31	2,137	633	193.83	2,460	1,828
193.32	2,143	654	193.84	2,466	1,852
193.33	2,149	675	193.85	2,473	1,877
193.34	2,155	697	193.86	2,479	1,902
193.35	2,162	718	193.87	2,485	1,927
193.36	2,168	740	193.88	2,491	1,952
193.37	2,174	762	193.89	2,498	1,977
193.38	2,180	784	193.90	2,504	2,002
193.39	2,187	805	193.91	2,510	2,027
193.40	2,193	827	193.92	2,516	2,052
193.41	2,199	849	193.93	2,522	2,077
193.42	2,205	871	193.94	2,529	2,102
193.43	2,211	893	193.95	2,535	2,127
193.44	2,218	916	193.96	2,541	2,153
193.45	2,224	938	193.97	2,547	2,178
193.46	2,230	960	193.98	2,554	2,204
193.47	2,236	982	193.99	2,560	2,229
193.48	2,243	1,005	194.00	2,566	2,255
193.49	2,249	1,027	194.01	2,573	2,281
193.50	2,255	1,050	194.02	2,580	2,306
193.51	2,261	1,072	194.03	2,586	2,332

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	2,593	2,358	194.56	2,946	3,798
194.05	2,600	2,384	194.57	2,953	3,828
194.06	2,607	2,410	194.58	2,960	3,857
194.07	2,614	2,436	194.59	2,967	3,887
194.08	2,620	2,462	194.60	2,973	3,917
194.09	2,627	2,489	194.61	2,980	3,947
194.10	2,634	2,515	194.62	2,987	3,976
194.11	2,641	2,541	194.63	2,994	4,006
194.12	2,647	2,568	194.64	3,001	4,036
194.13	2,654	2,594	194.65	3,007	4,066
194.14	2,661	2,621	194.66	3,014	4,096
194.15	2,668	2,648	194.67	3,021	4,127
194.16	2,675	2,674	194.68	3,028	4,157
194.17	2,681	2,701	194.69	3,035	4,187
194.18	2,688	2,728	194.70	3,041	4,218
194.19	2,695	2,755	194.71	3,048	4,248
194.20	2,702	2,782	194.72	3,055	4,279
194.21	2,709	2,809	194.73	3,062	4,309
194.22	2,715	2,836	194.74	3,068	4,340
194.23	2,722	2,863	194.75	3,075	4,370
194.24	2,729	2,890	194.76	3,082	4,401
194.25	2,736	2,918	194.77	3,089	4,432
194.26	2,743	2,945	194.78	3,096	4,463
194.27	2,749	2,973	194.79	3,102	4,494
194.28	2,756	3,000	194.80	3,109	4,525
194.29	2,763	3,028	194.81	3,116	4,556
194.30	2,770	3,055	194.82	3,123	4,587
194.31	2,776	3,083	194.83	3,130	4,619
194.32	2,783	3,111	194.84	3,136	4,650
194.33	2,790	3,139	194.85	3,143	4,681
194.34	2,797	3,167	194.86	3,150	4,713
194.35	2,804	3,195	194.87	3,157	4,744
194.36	2,810	3,223	194.88	3,164	4,776
194.37	2,817	3,251	194.89	3,170	4,808
194.38	2,824	3,279	194.90	3,177	4,839
194.39	2,831	3,307	194.91	3,184	4,871
194.40	2,838	3,336	194.92	3,191	4,903
194.41	2,844	3,364	194.93	3,197	4,935
194.42	2,851	3,393	194.94	3,204	4,967
194.43	2,858	3,421	194.95	3,211	4,999
194.44	2,865	3,450	194.96	3,218	5,031
194.45	2,872	3,478	194.97	3,225	5,063
194.46	2,878	3,507	194.98	3,231	5,096
194.47	2,885	3,536	194.99	3,238	5,128
194.48	2,892	3,565	195.00	3,245	5,161
194.49	2,899	3,594	195.01	3,252	5,193
194.50	2,906	3,623	195.02	3,260	5,226
194.51	2,912	3,652	195.03	3,267	5,258
194.52	2,919	3,681	195.04	3,274	5,291
194.53	2,926	3,710	195.05	3,282	5,324
194.54	2,933	3,740	195.06	3,289	5,357
194.55	2,939	3,769	195.07	3,296	5,389

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	3,304	5,422	195.60	3,686	7,240
195.09	3,311	5,456	195.61	3,693	7,277
195.10	3,318	5,489	195.62	3,701	7,314
195.11	3,326	5,522	195.63	3,708	7,351
195.12	3,333	5,555	195.64	3,715	7,388
195.13	3,341	5,589	195.65	3,723	7,425
195.14	3,348	5,622	195.66	3,730	7,462
195.15	3,355	5,656	195.67	3,737	7,500
195.16	3,363	5,689	195.68	3,745	7,537
195.17	3,370	5,723	195.69	3,752	7,575
195.18	3,377	5,757	195.70	3,759	7,612
195.19	3,385	5,790	195.71	3,767	7,650
195.20	3,392	5,824	195.72	3,774	7,687
195.21	3,399	5,858	195.73	3,782	7,725
195.22	3,407	5,892	195.74	3,789	7,763
195.23	3,414	5,926	195.75	3,796	7,801
195.24	3,421	5,960	195.76	3,804	7,839
195.25	3,429	5,995	195.77	3,811	7,877
195.26	3,436	6,029	195.78	3,818	7,915
195.27	3,443	6,063	195.79	3,826	7,953
195.28	3,451	6,098	195.80	3,833	7,992
195.29	3,458	6,132	195.81	3,840	8,030
195.30	3,466	6,167	195.82	3,848	8,069
195.31	3,473	6,202	195.83	3,855	8,107
195.32	3,480	6,237	195.84	3,862	8,146
195.33	3,488	6,271	195.85	3,870	8,184
195.34	3,495	6,306	195.86	3,877	8,223
195.35	3,502	6,341	195.87	3,884	8,262
195.36	3,510	6,376	195.88	3,892	8,301
195.37	3,517	6,411	195.89	3,899	8,340
195.38	3,524	6,447	195.90	3,907	8,379
195.39	3,532	6,482	195.91	3,914	8,418
195.40	3,539	6,517	195.92	3,921	8,457
195.41	3,546	6,553	195.93	3,929	8,496
195.42	3,554	6,588	195.94	3,936	8,536
195.43	3,561	6,624	195.95	3,943	8,575
195.44	3,568	6,659	195.96	3,951	8,614
195.45	3,576	6,695	195.97	3,958	8,654
195.46	3,583	6,731	195.98	3,965	8,694
195.47	3,590	6,767	195.99	3,973	8,733
195.48	3,598	6,803	196.00	3,980	8,773
195.49	3,605	6,839			
195.50	3,613	6,875			
195.51	3,620	6,911			
195.52	3,627	6,947			
195.53	3,635	6,984			
195.54	3,642	7,020			
195.55	3,649	7,056			
195.56	3,657	7,093			
195.57	3,664	7,130			
195.58	3,671	7,166			
195.59	3,679	7,203			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 3.11" for Current 10 yr event
 Inflow = 4.35 cfs @ 12.17 hrs, Volume= 0.349 af
 Outflow = 3.49 cfs @ 12.25 hrs, Volume= 0.310 af, Atten= 20%, Lag= 4.6 min
 Primary = 3.49 cfs @ 12.25 hrs, Volume= 0.310 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.07' @ 12.25 hrs Surf.Area= 3,624 sf Storage= 3,453 cf

Plug-Flow detention time= 108.8 min calculated for 0.310 af (89% of inflow)
 Center-of-Mass det. time= 51.9 min (855.0 - 803.1)

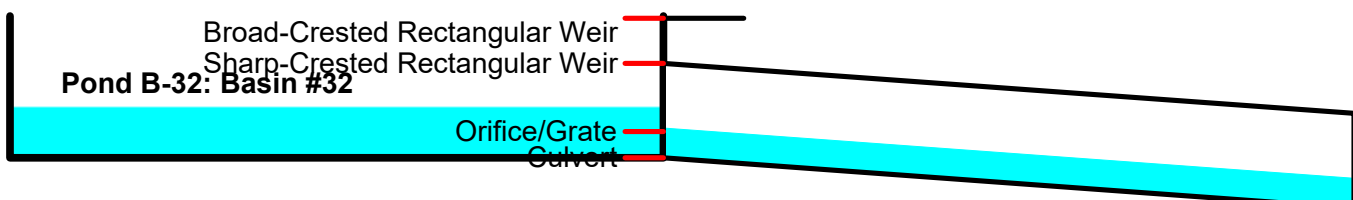
Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	11,936 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

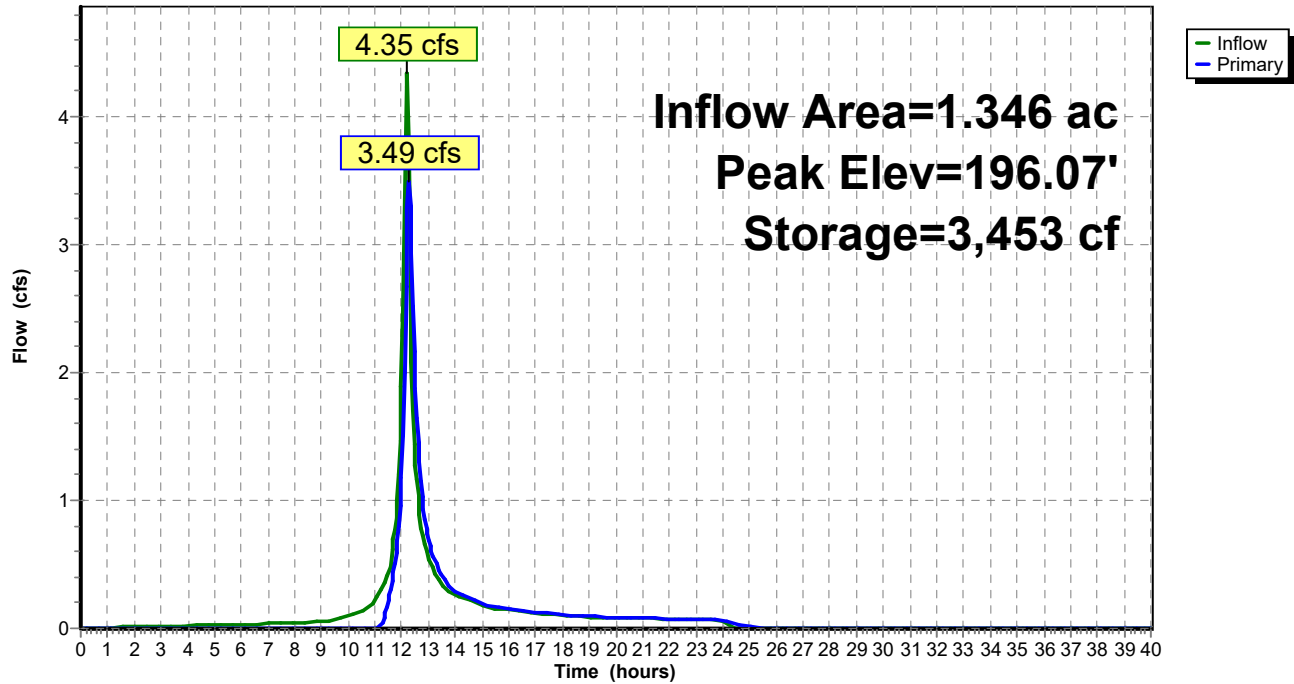
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	2,830	0	0
196.00	3,569	3,200	3,200
197.00	4,349	3,959	7,159
198.00	5,206	4,778	11,936

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S= 0.0247 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.56'	36.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.50 cfs @ 12.25 hrs HW=196.07' (Free Discharge)

1=Culvert (Passes 3.50 cfs of 6.02 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.50 cfs @ 2.33 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-32: Basin #32**Hydrograph**

Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	0	195.00	0.00
1.10	0.00	1	195.00	0.00
1.20	0.00	2	195.00	0.00
1.30	0.00	3	195.00	0.00
1.40	0.01	5	195.00	0.00
1.50	0.01	7	195.00	0.00
1.60	0.01	9	195.00	0.00
1.70	0.01	12	195.00	0.00
1.80	0.01	15	195.01	0.00
1.90	0.01	18	195.01	0.00
2.00	0.01	22	195.01	0.00
2.10	0.01	25	195.01	0.00
2.20	0.01	29	195.01	0.00
2.30	0.01	34	195.01	0.00
2.40	0.01	38	195.01	0.00
2.50	0.01	43	195.02	0.00
2.60	0.01	48	195.02	0.00
2.70	0.01	53	195.02	0.00
2.80	0.01	58	195.02	0.00
2.90	0.02	63	195.02	0.00
3.00	0.02	69	195.02	0.00
3.10	0.02	75	195.03	0.00
3.20	0.02	81	195.03	0.00
3.30	0.02	87	195.03	0.00
3.40	0.02	93	195.03	0.00
3.50	0.02	100	195.04	0.00
3.60	0.02	107	195.04	0.00
3.70	0.02	113	195.04	0.00
3.80	0.02	120	195.04	0.00
3.90	0.02	128	195.04	0.00
4.00	0.02	135	195.05	0.00
4.10	0.02	142	195.05	0.00
4.20	0.02	150	195.05	0.00
4.30	0.02	158	195.06	0.00
4.40	0.02	165	195.06	0.00
4.50	0.02	173	195.06	0.00
4.60	0.02	182	195.06	0.00
4.70	0.02	190	195.07	0.00
4.80	0.02	198	195.07	0.00
4.90	0.02	207	195.07	0.00
5.00	0.02	215	195.08	0.00
5.10	0.02	224	195.08	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	233	195.08	0.00
5.30	0.03	242	195.08	0.00
5.40	0.03	251	195.09	0.00
5.50	0.03	260	195.09	0.00
5.60	0.03	269	195.09	0.00
5.70	0.03	279	195.10	0.00
5.80	0.03	288	195.10	0.00
5.90	0.03	298	195.10	0.00
6.00	0.03	308	195.11	0.00
6.10	0.03	318	195.11	0.00
6.20	0.03	328	195.11	0.00
6.30	0.03	338	195.12	0.00
6.40	0.03	349	195.12	0.00
6.50	0.03	360	195.13	0.00
6.60	0.03	371	195.13	0.00
6.70	0.03	383	195.13	0.00
6.80	0.03	394	195.14	0.00
6.90	0.03	406	195.14	0.00
7.00	0.03	419	195.15	0.00
7.10	0.04	432	195.15	0.00
7.20	0.04	445	195.15	0.00
7.30	0.04	458	195.16	0.00
7.40	0.04	471	195.16	0.00
7.50	0.04	485	195.17	0.00
7.60	0.04	500	195.17	0.00
7.70	0.04	514	195.18	0.00
7.80	0.04	529	195.18	0.00
7.90	0.04	544	195.19	0.00
8.00	0.04	559	195.19	0.00
8.10	0.04	575	195.20	0.00
8.20	0.04	591	195.20	0.00
8.30	0.05	607	195.21	0.00
8.40	0.05	624	195.21	0.00
8.50	0.05	641	195.22	0.00
8.60	0.05	658	195.23	0.00
8.70	0.05	676	195.23	0.00
8.80	0.05	693	195.24	0.00
8.90	0.05	712	195.24	0.00
9.00	0.05	730	195.25	0.00
9.10	0.06	750	195.26	0.00
9.20	0.06	770	195.26	0.00
9.30	0.06	792	195.27	0.00
9.40	0.07	816	195.28	0.00
9.50	0.07	841	195.29	0.00
9.60	0.08	868	195.30	0.00
9.70	0.08	897	195.30	0.00
9.80	0.09	928	195.31	0.00
9.90	0.09	960	195.33	0.00
10.00	0.10	995	195.34	0.00
10.10	0.10	1,031	195.35	0.00
10.20	0.11	1,070	195.36	0.00
10.30	0.12	1,111	195.37	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,155	195.39	0.00
10.50	0.13	1,200	195.40	0.00
10.60	0.14	1,249	195.42	0.00
10.70	0.16	1,302	195.44	0.00
10.80	0.18	1,362	195.45	0.00
10.90	0.20	1,429	195.48	0.00
11.00	0.22	1,504	195.50	0.00
11.10	0.25	1,587	195.52	0.00
11.20	0.28	1,682	195.55	0.00
11.30	0.32	1,786	195.59	0.05
11.40	0.37	1,881	195.62	0.13
11.50	0.42	1,960	195.64	0.22
11.60	0.51	2,030	195.66	0.31
11.70	0.69	2,116	195.69	0.43
11.80	0.86	2,211	195.71	0.59
11.90	1.20	2,331	195.75	0.80
12.00	1.90	2,523	195.81	1.18
12.10	3.37	2,887	195.91	2.01
12.20	4.23	3,375	196.05	3.29
12.30	2.62	3,383	196.05	3.31
12.40	1.71	3,094	195.97	2.53
12.50	1.27	2,833	195.90	1.88
12.60	1.04	2,653	195.84	1.46
12.70	0.79	2,509	195.80	1.15
12.80	0.68	2,399	195.77	0.93
12.90	0.61	2,324	195.75	0.79
13.00	0.55	2,269	195.73	0.69
13.10	0.50	2,226	195.72	0.61
13.20	0.45	2,187	195.71	0.55
13.30	0.41	2,154	195.70	0.49
13.40	0.38	2,126	195.69	0.45
13.50	0.35	2,102	195.68	0.41
13.60	0.32	2,079	195.68	0.38
13.70	0.29	2,057	195.67	0.35
13.80	0.28	2,039	195.66	0.32
13.90	0.27	2,025	195.66	0.30
14.00	0.26	2,014	195.66	0.29
14.10	0.25	2,005	195.65	0.27
14.20	0.24	1,997	195.65	0.26
14.30	0.23	1,990	195.65	0.25
14.40	0.23	1,982	195.65	0.25
14.50	0.22	1,976	195.64	0.24
14.60	0.21	1,969	195.64	0.23
14.70	0.20	1,962	195.64	0.22
14.80	0.19	1,956	195.64	0.21
14.90	0.19	1,949	195.64	0.20
15.00	0.18	1,943	195.63	0.19
15.10	0.17	1,936	195.63	0.19
15.20	0.16	1,930	195.63	0.18
15.30	0.16	1,924	195.63	0.17
15.40	0.16	1,919	195.63	0.17
15.50	0.15	1,915	195.63	0.16

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	1,912	195.62	0.16
15.70	0.15	1,909	195.62	0.16
15.80	0.15	1,906	195.62	0.15
15.90	0.14	1,903	195.62	0.15
16.00	0.14	1,901	195.62	0.15
16.10	0.14	1,899	195.62	0.15
16.20	0.14	1,896	195.62	0.14
16.30	0.14	1,894	195.62	0.14
16.40	0.13	1,892	195.62	0.14
16.50	0.13	1,890	195.62	0.14
16.60	0.13	1,888	195.62	0.14
16.70	0.13	1,885	195.62	0.13
16.80	0.12	1,883	195.62	0.13
16.90	0.12	1,881	195.62	0.13
17.00	0.12	1,879	195.61	0.13
17.10	0.12	1,877	195.61	0.12
17.20	0.12	1,875	195.61	0.12
17.30	0.11	1,873	195.61	0.12
17.40	0.11	1,870	195.61	0.12
17.50	0.11	1,868	195.61	0.12
17.60	0.11	1,866	195.61	0.11
17.70	0.10	1,864	195.61	0.11
17.80	0.10	1,862	195.61	0.11
17.90	0.10	1,859	195.61	0.11
18.00	0.10	1,857	195.61	0.10
18.10	0.10	1,855	195.61	0.10
18.20	0.09	1,853	195.61	0.10
18.30	0.09	1,851	195.61	0.10
18.40	0.09	1,850	195.61	0.10
18.50	0.09	1,848	195.61	0.09
18.60	0.09	1,847	195.60	0.09
18.70	0.09	1,846	195.60	0.09
18.80	0.09	1,846	195.60	0.09
18.90	0.09	1,845	195.60	0.09
19.00	0.09	1,844	195.60	0.09
19.10	0.09	1,844	195.60	0.09
19.20	0.09	1,843	195.60	0.09
19.30	0.09	1,843	195.60	0.09
19.40	0.09	1,842	195.60	0.09
19.50	0.09	1,841	195.60	0.09
19.60	0.09	1,841	195.60	0.09
19.70	0.09	1,840	195.60	0.09
19.80	0.08	1,840	195.60	0.09
19.90	0.08	1,839	195.60	0.09
20.00	0.08	1,839	195.60	0.09
20.10	0.08	1,838	195.60	0.08
20.20	0.08	1,838	195.60	0.08
20.30	0.08	1,837	195.60	0.08
20.40	0.08	1,837	195.60	0.08
20.50	0.08	1,836	195.60	0.08
20.60	0.08	1,836	195.60	0.08
20.70	0.08	1,835	195.60	0.08

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	1,835	195.60	0.08
20.90	0.08	1,834	195.60	0.08
21.00	0.08	1,833	195.60	0.08
21.10	0.08	1,833	195.60	0.08
21.20	0.08	1,832	195.60	0.08
21.30	0.08	1,832	195.60	0.08
21.40	0.08	1,831	195.60	0.08
21.50	0.08	1,831	195.60	0.08
21.60	0.07	1,830	195.60	0.08
21.70	0.07	1,829	195.60	0.08
21.80	0.07	1,829	195.60	0.08
21.90	0.07	1,828	195.60	0.07
22.00	0.07	1,827	195.60	0.07
22.10	0.07	1,827	195.60	0.07
22.20	0.07	1,826	195.60	0.07
22.30	0.07	1,825	195.60	0.07
22.40	0.07	1,824	195.60	0.07
22.50	0.07	1,823	195.60	0.07
22.60	0.07	1,823	195.60	0.07
22.70	0.07	1,822	195.60	0.07
22.80	0.07	1,821	195.60	0.07
22.90	0.07	1,820	195.60	0.07
23.00	0.07	1,819	195.60	0.07
23.10	0.07	1,818	195.60	0.07
23.20	0.07	1,818	195.60	0.07
23.30	0.06	1,817	195.60	0.07
23.40	0.06	1,816	195.60	0.07
23.50	0.06	1,815	195.60	0.07
23.60	0.06	1,814	195.59	0.07
23.70	0.06	1,814	195.59	0.06
23.80	0.06	1,813	195.59	0.06
23.90	0.06	1,812	195.59	0.06
24.00	0.06	1,811	195.59	0.06
24.10	0.05	1,811	195.59	0.06
24.20	0.02	1,802	195.59	0.06
24.30	0.00	1,786	195.59	0.05
24.40	0.00	1,772	195.58	0.04
24.50	0.00	1,760	195.58	0.03
24.60	0.00	1,751	195.58	0.02
24.70	0.00	1,744	195.57	0.02
24.80	0.00	1,739	195.57	0.01
24.90	0.00	1,734	195.57	0.01
25.00	0.00	1,731	195.57	0.01
25.10	0.00	1,728	195.57	0.01
25.20	0.00	1,725	195.57	0.01
25.30	0.00	1,723	195.57	0.01
25.40	0.00	1,720	195.57	0.01
25.50	0.00	1,718	195.57	0.01
25.60	0.00	1,717	195.56	0.00
25.70	0.00	1,715	195.56	0.00
25.80	0.00	1,714	195.56	0.00
25.90	0.00	1,712	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,711	195.56	0.00
26.10	0.00	1,710	195.56	0.00
26.20	0.00	1,709	195.56	0.00
26.30	0.00	1,708	195.56	0.00
26.40	0.00	1,707	195.56	0.00
26.50	0.00	1,707	195.56	0.00
26.60	0.00	1,706	195.56	0.00
26.70	0.00	1,706	195.56	0.00
26.80	0.00	1,705	195.56	0.00
26.90	0.00	1,705	195.56	0.00
27.00	0.00	1,704	195.56	0.00
27.10	0.00	1,704	195.56	0.00
27.20	0.00	1,704	195.56	0.00
27.30	0.00	1,703	195.56	0.00
27.40	0.00	1,703	195.56	0.00
27.50	0.00	1,703	195.56	0.00
27.60	0.00	1,703	195.56	0.00
27.70	0.00	1,702	195.56	0.00
27.80	0.00	1,702	195.56	0.00
27.90	0.00	1,702	195.56	0.00
28.00	0.00	1,702	195.56	0.00
28.10	0.00	1,702	195.56	0.00
28.20	0.00	1,702	195.56	0.00
28.30	0.00	1,702	195.56	0.00
28.40	0.00	1,701	195.56	0.00
28.50	0.00	1,701	195.56	0.00
28.60	0.00	1,701	195.56	0.00
28.70	0.00	1,701	195.56	0.00
28.80	0.00	1,701	195.56	0.00
28.90	0.00	1,701	195.56	0.00
29.00	0.00	1,701	195.56	0.00
29.10	0.00	1,701	195.56	0.00
29.20	0.00	1,701	195.56	0.00
29.30	0.00	1,701	195.56	0.00
29.40	0.00	1,701	195.56	0.00
29.50	0.00	1,701	195.56	0.00
29.60	0.00	1,701	195.56	0.00
29.70	0.00	1,701	195.56	0.00
29.80	0.00	1,701	195.56	0.00
29.90	0.00	1,701	195.56	0.00
30.00	0.00	1,701	195.56	0.00
30.10	0.00	1,701	195.56	0.00
30.20	0.00	1,701	195.56	0.00
30.30	0.00	1,701	195.56	0.00
30.40	0.00	1,701	195.56	0.00
30.50	0.00	1,701	195.56	0.00
30.60	0.00	1,701	195.56	0.00
30.70	0.00	1,701	195.56	0.00
30.80	0.00	1,701	195.56	0.00
30.90	0.00	1,701	195.56	0.00
31.00	0.00	1,701	195.56	0.00
31.10	0.00	1,701	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,701	195.56	0.00
31.30	0.00	1,701	195.56	0.00
31.40	0.00	1,701	195.56	0.00
31.50	0.00	1,701	195.56	0.00
31.60	0.00	1,701	195.56	0.00
31.70	0.00	1,701	195.56	0.00
31.80	0.00	1,701	195.56	0.00
31.90	0.00	1,701	195.56	0.00
32.00	0.00	1,701	195.56	0.00
32.10	0.00	1,701	195.56	0.00
32.20	0.00	1,701	195.56	0.00
32.30	0.00	1,701	195.56	0.00
32.40	0.00	1,701	195.56	0.00
32.50	0.00	1,701	195.56	0.00
32.60	0.00	1,701	195.56	0.00
32.70	0.00	1,701	195.56	0.00
32.80	0.00	1,701	195.56	0.00
32.90	0.00	1,701	195.56	0.00
33.00	0.00	1,701	195.56	0.00
33.10	0.00	1,701	195.56	0.00
33.20	0.00	1,701	195.56	0.00
33.30	0.00	1,701	195.56	0.00
33.40	0.00	1,701	195.56	0.00
33.50	0.00	1,701	195.56	0.00
33.60	0.00	1,701	195.56	0.00
33.70	0.00	1,701	195.56	0.00
33.80	0.00	1,701	195.56	0.00
33.90	0.00	1,701	195.56	0.00
34.00	0.00	1,701	195.56	0.00
34.10	0.00	1,701	195.56	0.00
34.20	0.00	1,701	195.56	0.00
34.30	0.00	1,701	195.56	0.00
34.40	0.00	1,701	195.56	0.00
34.50	0.00	1,701	195.56	0.00
34.60	0.00	1,701	195.56	0.00
34.70	0.00	1,701	195.56	0.00
34.80	0.00	1,701	195.56	0.00
34.90	0.00	1,701	195.56	0.00
35.00	0.00	1,701	195.56	0.00
35.10	0.00	1,701	195.56	0.00
35.20	0.00	1,701	195.56	0.00
35.30	0.00	1,701	195.56	0.00
35.40	0.00	1,701	195.56	0.00
35.50	0.00	1,701	195.56	0.00
35.60	0.00	1,701	195.56	0.00
35.70	0.00	1,701	195.56	0.00
35.80	0.00	1,701	195.56	0.00
35.90	0.00	1,701	195.56	0.00
36.00	0.00	1,701	195.56	0.00
36.10	0.00	1,701	195.56	0.00
36.20	0.00	1,701	195.56	0.00
36.30	0.00	1,701	195.56	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,701	195.56	0.00
36.50	0.00	1,701	195.56	0.00
36.60	0.00	1,701	195.56	0.00
36.70	0.00	1,701	195.56	0.00
36.80	0.00	1,701	195.56	0.00
36.90	0.00	1,701	195.56	0.00
37.00	0.00	1,701	195.56	0.00
37.10	0.00	1,701	195.56	0.00
37.20	0.00	1,701	195.56	0.00
37.30	0.00	1,701	195.56	0.00
37.40	0.00	1,701	195.56	0.00
37.50	0.00	1,701	195.56	0.00
37.60	0.00	1,701	195.56	0.00
37.70	0.00	1,701	195.56	0.00
37.80	0.00	1,701	195.56	0.00
37.90	0.00	1,701	195.56	0.00
38.00	0.00	1,701	195.56	0.00
38.10	0.00	1,701	195.56	0.00
38.20	0.00	1,701	195.56	0.00
38.30	0.00	1,701	195.56	0.00
38.40	0.00	1,701	195.56	0.00
38.50	0.00	1,701	195.56	0.00
38.60	0.00	1,701	195.56	0.00
38.70	0.00	1,701	195.56	0.00
38.80	0.00	1,701	195.56	0.00
38.90	0.00	1,701	195.56	0.00
39.00	0.00	1,701	195.56	0.00
39.10	0.00	1,701	195.56	0.00
39.20	0.00	1,701	195.56	0.00
39.30	0.00	1,701	195.56	0.00
39.40	0.00	1,701	195.56	0.00
39.50	0.00	1,701	195.56	0.00
39.60	0.00	1,701	195.56	0.00
39.70	0.00	1,701	195.56	0.00
39.80	0.00	1,701	195.56	0.00
39.90	0.00	1,701	195.56	0.00
40.00	0.00	1,701	195.56	0.00

Stage-Discharge for Pond B-32: Basin #32

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.00	196.04	3.20	196.56	6.23
195.01	0.00	195.53	0.00	196.05	3.30	196.57	6.27
195.02	0.00	195.54	0.00	196.06	3.40	196.58	6.31
195.03	0.00	195.55	0.00	196.07	3.50	196.59	6.35
195.04	0.00	195.56	0.00	196.08	3.58	196.60	6.39
195.05	0.00	195.57	0.01	196.09	3.67	196.61	6.43
195.06	0.00	195.58	0.03	196.10	3.74	196.62	6.47
195.07	0.00	195.59	0.05	196.11	3.82	196.63	6.51
195.08	0.00	195.60	0.08	196.12	3.89	196.64	6.55
195.09	0.00	195.61	0.11	196.13	3.97	196.65	6.59
195.10	0.00	195.62	0.14	196.14	4.04	196.66	6.63
195.11	0.00	195.63	0.18	196.15	4.10	196.67	6.67
195.12	0.00	195.64	0.22	196.16	4.17	196.68	6.71
195.13	0.00	195.65	0.26	196.17	4.24	196.69	6.75
195.14	0.00	195.66	0.30	196.18	4.30	196.70	6.79
195.15	0.00	195.67	0.35	196.19	4.36	196.71	6.83
195.16	0.00	195.68	0.40	196.20	4.43	196.72	6.87
195.17	0.00	195.69	0.45	196.21	4.49	196.73	6.91
195.18	0.00	195.70	0.50	196.22	4.55	196.74	6.94
195.19	0.00	195.71	0.56	196.23	4.61	196.75	6.98
195.20	0.00	195.72	0.62	196.24	4.66	196.76	7.02
195.21	0.00	195.73	0.67	196.25	4.72	196.77	7.06
195.22	0.00	195.74	0.74	196.26	4.78	196.78	7.09
195.23	0.00	195.75	0.80	196.27	4.83	196.79	7.13
195.24	0.00	195.76	0.86	196.28	4.89	196.80	7.17
195.25	0.00	195.77	0.93	196.29	4.94	196.81	7.20
195.26	0.00	195.78	0.99	196.30	5.00	196.82	7.24
195.27	0.00	195.79	1.06	196.31	5.05	196.83	7.28
195.28	0.00	195.80	1.13	196.32	5.10	196.84	7.31
195.29	0.00	195.81	1.20	196.33	5.16	196.85	7.35
195.30	0.00	195.82	1.28	196.34	5.21	196.86	7.38
195.31	0.00	195.83	1.35	196.35	5.26	196.87	7.42
195.32	0.00	195.84	1.43	196.36	5.31	196.88	7.45
195.33	0.00	195.85	1.50	196.37	5.36	196.89	7.49
195.34	0.00	195.86	1.58	196.38	5.41	196.90	7.52
195.35	0.00	195.87	1.66	196.39	5.46	196.91	7.56
195.36	0.00	195.88	1.74	196.40	5.50	196.92	7.59
195.37	0.00	195.89	1.83	196.41	5.55	196.93	7.63
195.38	0.00	195.90	1.91	196.42	5.60	196.94	7.66
195.39	0.00	195.91	1.99	196.43	5.65	196.95	7.70
195.40	0.00	195.92	2.08	196.44	5.69	196.96	7.73
195.41	0.00	195.93	2.17	196.45	5.74	196.97	7.76
195.42	0.00	195.94	2.26	196.46	5.79	196.98	7.80
195.43	0.00	195.95	2.35	196.47	5.83	196.99	7.83
195.44	0.00	195.96	2.44	196.48	5.88	197.00	7.86
195.45	0.00	195.97	2.53	196.49	5.92	197.01	7.91
195.46	0.00	195.98	2.62	196.50	5.97	197.02	7.97
195.47	0.00	195.99	2.72	196.51	6.01	197.03	8.03
195.48	0.00	196.00	2.81	196.52	6.05	197.04	8.10
195.49	0.00	196.01	2.91	196.53	6.10	197.05	8.17
195.50	0.00	196.02	3.00	196.54	6.14	197.06	8.25
195.51	0.00	196.03	3.10	196.55	6.18	197.07	8.34

Stage-Discharge for Pond B-32: Basin #32 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	8.42	197.60	15.55
197.09	8.51	197.61	15.72
197.10	8.60	197.62	15.90
197.11	8.70	197.63	16.07
197.12	8.79	197.64	16.25
197.13	8.89	197.65	16.42
197.14	9.00	197.66	16.60
197.15	9.10	197.67	16.78
197.16	9.21	197.68	16.95
197.17	9.32	197.69	17.13
197.18	9.43	197.70	17.31
197.19	9.55	197.71	17.50
197.20	9.66	197.72	17.68
197.21	9.78	197.73	17.86
197.22	9.90	197.74	18.05
197.23	10.02	197.75	18.23
197.24	10.15	197.76	18.42
197.25	10.27	197.77	18.60
197.26	10.40	197.78	18.79
197.27	10.53	197.79	18.98
197.28	10.66	197.80	19.17
197.29	10.79	197.81	19.36
197.30	10.92	197.82	19.55
197.31	11.06	197.83	19.74
197.32	11.19	197.84	19.93
197.33	11.33	197.85	20.12
197.34	11.47	197.86	20.32
197.35	11.61	197.87	20.51
197.36	11.76	197.88	20.71
197.37	11.90	197.89	20.80
197.38	12.05	197.90	20.85
197.39	12.19	197.91	20.91
197.40	12.34	197.92	20.96
197.41	12.49	197.93	21.01
197.42	12.64	197.94	21.07
197.43	12.79	197.95	21.12
197.44	12.95	197.96	21.29
197.45	13.10	197.97	21.56
197.46	13.26	197.98	21.89
197.47	13.41	197.99	22.28
197.48	13.57	198.00	22.70
197.49	13.73		
197.50	13.89		
197.51	14.05		
197.52	14.21		
197.53	14.38		
197.54	14.54		
197.55	14.71		
197.56	14.87		
197.57	15.04		
197.58	15.21		
197.59	15.38		

Stage-Area-Storage for Pond B-32: Basin #32

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	2,830	0	195.52	3,214	1,572
195.01	2,837	28	195.53	3,222	1,604
195.02	2,845	57	195.54	3,229	1,636
195.03	2,852	85	195.55	3,236	1,668
195.04	2,860	114	195.56	3,244	1,701
195.05	2,867	142	195.57	3,251	1,733
195.06	2,874	171	195.58	3,259	1,766
195.07	2,882	200	195.59	3,266	1,798
195.08	2,889	229	195.60	3,273	1,831
195.09	2,897	258	195.61	3,281	1,864
195.10	2,904	287	195.62	3,288	1,897
195.11	2,911	316	195.63	3,296	1,930
195.12	2,919	345	195.64	3,303	1,963
195.13	2,926	374	195.65	3,310	1,996
195.14	2,933	403	195.66	3,318	2,029
195.15	2,941	433	195.67	3,325	2,062
195.16	2,948	462	195.68	3,333	2,095
195.17	2,956	492	195.69	3,340	2,129
195.18	2,963	521	195.70	3,347	2,162
195.19	2,970	551	195.71	3,355	2,196
195.20	2,978	581	195.72	3,362	2,229
195.21	2,985	611	195.73	3,369	2,263
195.22	2,993	640	195.74	3,377	2,297
195.23	3,000	670	195.75	3,384	2,330
195.24	3,007	700	195.76	3,392	2,364
195.25	3,015	731	195.77	3,399	2,398
195.26	3,022	761	195.78	3,406	2,432
195.27	3,030	791	195.79	3,414	2,466
195.28	3,037	821	195.80	3,421	2,500
195.29	3,044	852	195.81	3,429	2,535
195.30	3,052	882	195.82	3,436	2,569
195.31	3,059	913	195.83	3,443	2,603
195.32	3,066	943	195.84	3,451	2,638
195.33	3,074	974	195.85	3,458	2,672
195.34	3,081	1,005	195.86	3,466	2,707
195.35	3,089	1,036	195.87	3,473	2,742
195.36	3,096	1,067	195.88	3,480	2,777
195.37	3,103	1,098	195.89	3,488	2,811
195.38	3,111	1,129	195.90	3,495	2,846
195.39	3,118	1,160	195.91	3,502	2,881
195.40	3,126	1,191	195.92	3,510	2,916
195.41	3,133	1,222	195.93	3,517	2,951
195.42	3,140	1,254	195.94	3,525	2,987
195.43	3,148	1,285	195.95	3,532	3,022
195.44	3,155	1,317	195.96	3,539	3,057
195.45	3,163	1,348	195.97	3,547	3,093
195.46	3,170	1,380	195.98	3,554	3,128
195.47	3,177	1,412	195.99	3,562	3,164
195.48	3,185	1,444	196.00	3,569	3,200
195.49	3,192	1,475	196.01	3,577	3,235
195.50	3,200	1,507	196.02	3,585	3,271
195.51	3,207	1,539	196.03	3,592	3,307

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	3,600	3,343	196.56	4,006	5,320
196.05	3,608	3,379	196.57	4,014	5,361
196.06	3,616	3,415	196.58	4,021	5,401
196.07	3,624	3,451	196.59	4,029	5,441
196.08	3,631	3,488	196.60	4,037	5,481
196.09	3,639	3,524	196.61	4,045	5,522
196.10	3,647	3,560	196.62	4,053	5,562
196.11	3,655	3,597	196.63	4,060	5,603
196.12	3,663	3,633	196.64	4,068	5,643
196.13	3,670	3,670	196.65	4,076	5,684
196.14	3,678	3,707	196.66	4,084	5,725
196.15	3,686	3,744	196.67	4,092	5,766
196.16	3,694	3,781	196.68	4,099	5,807
196.17	3,702	3,818	196.69	4,107	5,848
196.18	3,709	3,855	196.70	4,115	5,889
196.19	3,717	3,892	196.71	4,123	5,930
196.20	3,725	3,929	196.72	4,131	5,971
196.21	3,733	3,966	196.73	4,138	6,013
196.22	3,741	4,004	196.74	4,146	6,054
196.23	3,748	4,041	196.75	4,154	6,096
196.24	3,756	4,079	196.76	4,162	6,137
196.25	3,764	4,116	196.77	4,170	6,179
196.26	3,772	4,154	196.78	4,177	6,221
196.27	3,780	4,192	196.79	4,185	6,262
196.28	3,787	4,229	196.80	4,193	6,304
196.29	3,795	4,267	196.81	4,201	6,346
196.30	3,803	4,305	196.82	4,209	6,388
196.31	3,811	4,343	196.83	4,216	6,430
196.32	3,819	4,382	196.84	4,224	6,473
196.33	3,826	4,420	196.85	4,232	6,515
196.34	3,834	4,458	196.86	4,240	6,557
196.35	3,842	4,496	196.87	4,248	6,600
196.36	3,850	4,535	196.88	4,255	6,642
196.37	3,858	4,573	196.89	4,263	6,685
196.38	3,865	4,612	196.90	4,271	6,728
196.39	3,873	4,651	196.91	4,279	6,770
196.40	3,881	4,690	196.92	4,287	6,813
196.41	3,889	4,728	196.93	4,294	6,856
196.42	3,897	4,767	196.94	4,302	6,899
196.43	3,904	4,806	196.95	4,310	6,942
196.44	3,912	4,845	196.96	4,318	6,985
196.45	3,920	4,885	196.97	4,326	7,028
196.46	3,928	4,924	196.98	4,333	7,072
196.47	3,936	4,963	196.99	4,341	7,115
196.48	3,943	5,002	197.00	4,349	7,159
196.49	3,951	5,042	197.01	4,358	7,202
196.50	3,959	5,082	197.02	4,366	7,246
196.51	3,967	5,121	197.03	4,375	7,289
196.52	3,975	5,161	197.04	4,383	7,333
196.53	3,982	5,201	197.05	4,392	7,377
196.54	3,990	5,240	197.06	4,400	7,421
196.55	3,998	5,280	197.07	4,409	7,465

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	4,418	7,509	197.60	4,863	9,922
197.09	4,426	7,553	197.61	4,872	9,971
197.10	4,435	7,598	197.62	4,880	10,020
197.11	4,443	7,642	197.63	4,889	10,068
197.12	4,452	7,687	197.64	4,897	10,117
197.13	4,460	7,731	197.65	4,906	10,166
197.14	4,469	7,776	197.66	4,915	10,215
197.15	4,478	7,820	197.67	4,923	10,265
197.16	4,486	7,865	197.68	4,932	10,314
197.17	4,495	7,910	197.69	4,940	10,363
197.18	4,503	7,955	197.70	4,949	10,413
197.19	4,512	8,000	197.71	4,957	10,462
197.20	4,520	8,045	197.72	4,966	10,512
197.21	4,529	8,091	197.73	4,975	10,562
197.22	4,538	8,136	197.74	4,983	10,611
197.23	4,546	8,181	197.75	4,992	10,661
197.24	4,555	8,227	197.76	5,000	10,711
197.25	4,563	8,273	197.77	5,009	10,761
197.26	4,572	8,318	197.78	5,017	10,811
197.27	4,580	8,364	197.79	5,026	10,862
197.28	4,589	8,410	197.80	5,035	10,912
197.29	4,598	8,456	197.81	5,043	10,962
197.30	4,606	8,502	197.82	5,052	11,013
197.31	4,615	8,548	197.83	5,060	11,063
197.32	4,623	8,594	197.84	5,069	11,114
197.33	4,632	8,640	197.85	5,077	11,165
197.34	4,640	8,687	197.86	5,086	11,216
197.35	4,649	8,733	197.87	5,095	11,266
197.36	4,658	8,780	197.88	5,103	11,317
197.37	4,666	8,826	197.89	5,112	11,369
197.38	4,675	8,873	197.90	5,120	11,420
197.39	4,683	8,920	197.91	5,129	11,471
197.40	4,692	8,967	197.92	5,137	11,522
197.41	4,700	9,014	197.93	5,146	11,574
197.42	4,709	9,061	197.94	5,155	11,625
197.43	4,718	9,108	197.95	5,163	11,677
197.44	4,726	9,155	197.96	5,172	11,728
197.45	4,735	9,202	197.97	5,180	11,780
197.46	4,743	9,250	197.98	5,189	11,832
197.47	4,752	9,297	197.99	5,197	11,884
197.48	4,760	9,345	198.00	5,206	11,936
197.49	4,769	9,392			
197.50	4,778	9,440			
197.51	4,786	9,488			
197.52	4,795	9,536			
197.53	4,803	9,584			
197.54	4,812	9,632			
197.55	4,820	9,680			
197.56	4,829	9,728			
197.57	4,837	9,777			
197.58	4,846	9,825			
197.59	4,855	9,874			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 3.65" for Current 10 yr event
 Inflow = 6.45 cfs @ 12.17 hrs, Volume= 0.536 af
 Outflow = 4.33 cfs @ 12.28 hrs, Volume= 0.449 af, Atten= 33%, Lag= 6.6 min
 Primary = 4.33 cfs @ 12.28 hrs, Volume= 0.449 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.72' @ 12.28 hrs Surf.Area= 4,760 sf Storage= 9,766 cf

Plug-Flow detention time= 304.8 min calculated for 0.449 af (84% of inflow)
 Center-of-Mass det. time= 233.4 min (1,015.5 - 782.0)

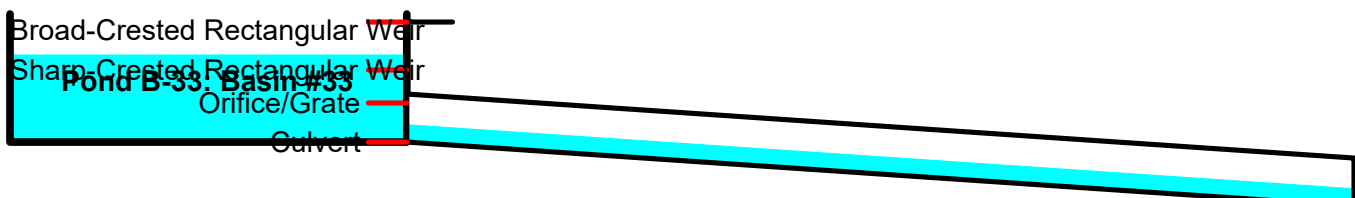
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	16,613 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	2,481	0	0
185.00	3,268	2,875	2,875
186.00	4,111	3,690	6,564
187.00	5,010	4,561	11,125
188.00	5,966	5,488	16,613

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	185.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

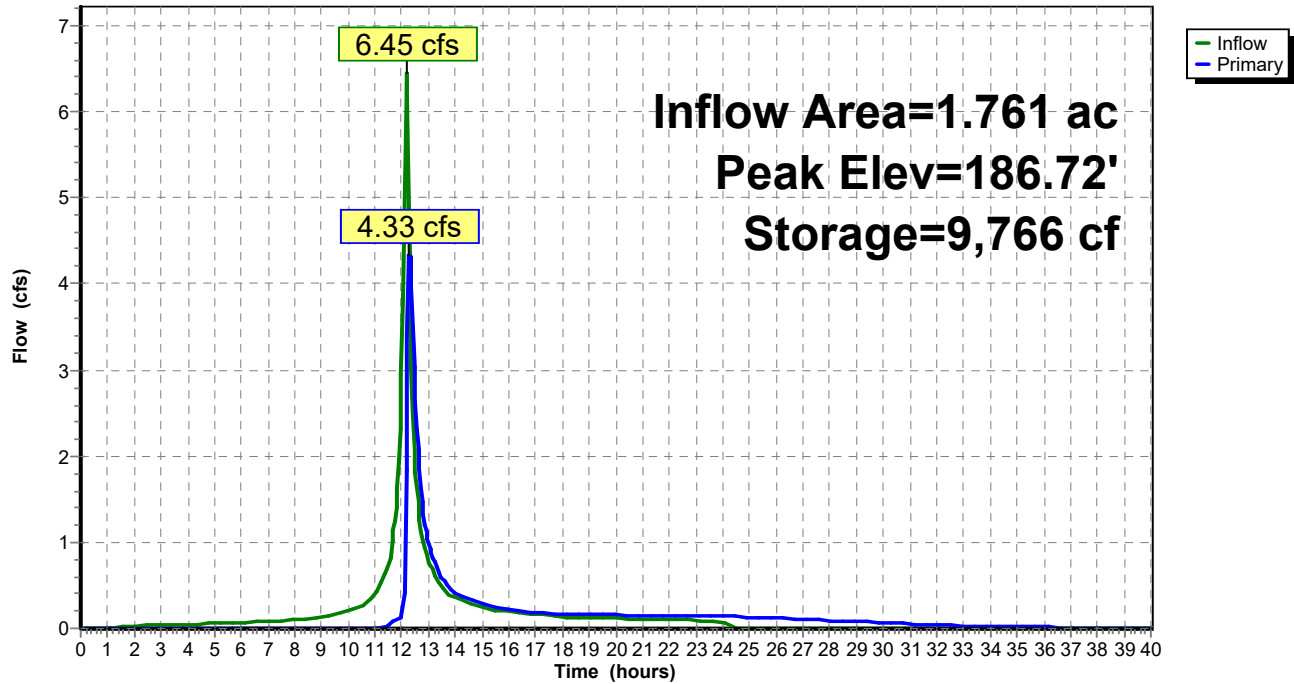
Primary OutFlow Max=4.29 cfs @ 12.28 hrs HW=186.72' (Free Discharge)

1=Culvert (Passes 4.29 cfs of 11.94 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.69 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.09 cfs @ 2.24 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.00	0	184.00	0.00
0.50	0.00	0	184.00	0.00
0.60	0.00	0	184.00	0.00
0.70	0.00	0	184.00	0.00
0.80	0.00	0	184.00	0.00
0.90	0.00	0	184.00	0.00
1.00	0.00	1	184.00	0.00
1.10	0.01	2	184.00	0.00
1.20	0.01	5	184.00	0.00
1.30	0.01	8	184.00	0.00
1.40	0.01	12	184.00	0.00
1.50	0.01	16	184.01	0.00
1.60	0.02	22	184.01	0.00
1.70	0.02	28	184.01	0.00
1.80	0.02	35	184.01	0.00
1.90	0.02	42	184.02	0.00
2.00	0.02	50	184.02	0.00
2.10	0.02	59	184.02	0.00
2.20	0.03	68	184.03	0.00
2.30	0.03	78	184.03	0.00
2.40	0.03	88	184.04	0.00
2.50	0.03	99	184.04	0.00
2.60	0.03	111	184.04	0.00
2.70	0.03	122	184.05	0.00
2.80	0.03	135	184.05	0.00
2.90	0.04	147	184.06	0.00
3.00	0.04	161	184.06	0.00
3.10	0.04	174	184.07	0.00
3.20	0.04	188	184.07	0.00
3.30	0.04	203	184.08	0.00
3.40	0.04	217	184.09	0.00
3.50	0.04	232	184.09	0.00
3.60	0.04	248	184.10	0.00
3.70	0.04	264	184.10	0.00
3.80	0.05	280	184.11	0.00
3.90	0.05	297	184.12	0.00
4.00	0.05	314	184.12	0.00
4.10	0.05	331	184.13	0.00
4.20	0.05	349	184.14	0.00
4.30	0.05	367	184.14	0.00
4.40	0.05	385	184.15	0.00
4.50	0.05	404	184.16	0.00
4.60	0.05	422	184.17	0.00
4.70	0.05	442	184.17	0.00
4.80	0.05	461	184.18	0.00
4.90	0.06	481	184.19	0.00
5.00	0.06	501	184.20	0.00
5.10	0.06	521	184.20	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	542	184.21	0.00
5.30	0.06	563	184.22	0.00
5.40	0.06	584	184.23	0.00
5.50	0.06	605	184.24	0.00
5.60	0.06	627	184.24	0.00
5.70	0.06	649	184.25	0.00
5.80	0.06	671	184.26	0.00
5.90	0.06	694	184.27	0.00
6.00	0.06	716	184.28	0.00
6.10	0.06	739	184.29	0.00
6.20	0.07	763	184.29	0.00
6.30	0.07	787	184.30	0.00
6.40	0.07	812	184.31	0.00
6.50	0.07	837	184.32	0.00
6.60	0.07	863	184.33	0.00
6.70	0.08	890	184.34	0.00
6.80	0.08	917	184.35	0.00
6.90	0.08	946	184.36	0.00
7.00	0.08	974	184.37	0.00
7.10	0.08	1,004	184.38	0.00
7.20	0.09	1,034	184.39	0.00
7.30	0.09	1,065	184.40	0.00
7.40	0.09	1,097	184.41	0.00
7.50	0.09	1,129	184.43	0.00
7.60	0.09	1,162	184.44	0.00
7.70	0.09	1,196	184.45	0.00
7.80	0.10	1,230	184.46	0.00
7.90	0.10	1,266	184.47	0.00
8.00	0.10	1,301	184.49	0.00
8.10	0.10	1,338	184.50	0.00
8.20	0.10	1,375	184.51	0.00
8.30	0.11	1,413	184.53	0.00
8.40	0.11	1,452	184.54	0.00
8.50	0.11	1,491	184.55	0.00
8.60	0.11	1,531	184.57	0.00
8.70	0.11	1,572	184.58	0.00
8.80	0.12	1,613	184.59	0.00
8.90	0.12	1,656	184.61	0.00
9.00	0.12	1,699	184.62	0.00
9.10	0.13	1,743	184.64	0.00
9.20	0.13	1,789	184.65	0.00
9.30	0.14	1,838	184.67	0.00
9.40	0.15	1,890	184.69	0.00
9.50	0.16	1,945	184.70	0.00
9.60	0.17	2,003	184.72	0.00
9.70	0.17	2,064	184.74	0.00
9.80	0.18	2,128	184.76	0.00
9.90	0.19	2,195	184.79	0.00
10.00	0.20	2,266	184.81	0.00
10.10	0.21	2,340	184.83	0.00
10.20	0.22	2,418	184.86	0.00
10.30	0.23	2,499	184.88	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.24	2,584	184.91	0.00
10.50	0.25	2,673	184.94	0.00
10.60	0.27	2,765	184.97	0.00
10.70	0.29	2,866	185.00	0.00
10.80	0.33	2,978	185.03	0.00
10.90	0.36	3,103	185.07	0.00
11.00	0.40	3,239	185.11	0.00
11.10	0.44	3,390	185.15	0.00
11.20	0.50	3,560	185.20	0.00
11.30	0.57	3,752	185.26	0.00
11.40	0.64	3,966	185.32	0.02
11.50	0.71	4,199	185.39	0.04
11.60	0.86	4,458	185.46	0.06
11.70	1.15	4,798	185.55	0.08
11.80	1.40	5,221	185.66	0.10
11.90	1.92	5,774	185.80	0.11
12.00	2.95	6,584	186.00	0.14
12.10	5.09	7,922	186.32	0.40
12.20	6.24	9,409	186.65	3.39
12.30	3.81	9,757	186.72	4.31
12.40	2.46	9,449	186.65	3.49
12.50	1.82	9,107	186.58	2.64
12.60	1.48	8,859	186.53	2.07
12.70	1.12	8,656	186.48	1.63
12.80	0.96	8,498	186.45	1.32
12.90	0.87	8,390	186.42	1.12
13.00	0.78	8,310	186.41	0.98
13.10	0.70	8,246	186.39	0.87
13.20	0.63	8,188	186.38	0.78
13.30	0.58	8,139	186.37	0.70
13.40	0.53	8,098	186.36	0.64
13.50	0.49	8,061	186.35	0.59
13.60	0.44	8,026	186.34	0.54
13.70	0.41	7,992	186.34	0.49
13.80	0.39	7,964	186.33	0.46
13.90	0.37	7,942	186.32	0.43
14.00	0.36	7,925	186.32	0.40
14.10	0.35	7,910	186.32	0.39
14.20	0.34	7,897	186.31	0.38
14.30	0.33	7,884	186.31	0.36
14.40	0.32	7,871	186.31	0.35
14.50	0.30	7,859	186.30	0.34
14.60	0.29	7,847	186.30	0.33
14.70	0.28	7,835	186.30	0.31
14.80	0.27	7,823	186.30	0.30
14.90	0.26	7,812	186.29	0.29
15.00	0.25	7,800	186.29	0.28
15.10	0.23	7,788	186.29	0.27
15.20	0.22	7,777	186.29	0.26
15.30	0.22	7,767	186.28	0.25
15.40	0.22	7,759	186.28	0.24
15.50	0.21	7,752	186.28	0.23

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	7,746	186.28	0.23
15.70	0.21	7,741	186.28	0.22
15.80	0.20	7,735	186.28	0.22
15.90	0.20	7,729	186.28	0.22
16.00	0.20	7,723	186.27	0.21
16.10	0.19	7,718	186.27	0.21
16.20	0.19	7,712	186.27	0.21
16.30	0.19	7,706	186.27	0.20
16.40	0.19	7,701	186.27	0.20
16.50	0.18	7,695	186.27	0.20
16.60	0.18	7,689	186.27	0.20
16.70	0.18	7,683	186.26	0.19
16.80	0.17	7,678	186.26	0.19
16.90	0.17	7,672	186.26	0.19
17.00	0.17	7,666	186.26	0.18
17.10	0.16	7,660	186.26	0.18
17.20	0.16	7,655	186.26	0.18
17.30	0.16	7,649	186.26	0.17
17.40	0.15	7,643	186.26	0.17
17.50	0.15	7,637	186.25	0.17
17.60	0.15	7,632	186.25	0.16
17.70	0.15	7,626	186.25	0.16
17.80	0.14	7,620	186.25	0.16
17.90	0.14	7,614	186.25	0.16
18.00	0.14	7,606	186.25	0.16
18.10	0.13	7,598	186.24	0.16
18.20	0.13	7,588	186.24	0.16
18.30	0.13	7,578	186.24	0.16
18.40	0.13	7,568	186.24	0.16
18.50	0.13	7,557	186.24	0.16
18.60	0.13	7,546	186.23	0.16
18.70	0.13	7,535	186.23	0.16
18.80	0.12	7,524	186.23	0.16
18.90	0.12	7,513	186.23	0.16
19.00	0.12	7,501	186.22	0.16
19.10	0.12	7,489	186.22	0.16
19.20	0.12	7,477	186.22	0.16
19.30	0.12	7,465	186.21	0.15
19.40	0.12	7,453	186.21	0.15
19.50	0.12	7,440	186.21	0.15
19.60	0.12	7,427	186.21	0.15
19.70	0.12	7,414	186.20	0.15
19.80	0.12	7,401	186.20	0.15
19.90	0.12	7,388	186.20	0.15
20.00	0.12	7,375	186.19	0.15
20.10	0.11	7,361	186.19	0.15
20.20	0.11	7,347	186.19	0.15
20.30	0.11	7,333	186.18	0.15
20.40	0.11	7,319	186.18	0.15
20.50	0.11	7,305	186.18	0.15
20.60	0.11	7,290	186.17	0.15
20.70	0.11	7,276	186.17	0.15

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	7,261	186.17	0.15
20.90	0.11	7,246	186.16	0.15
21.00	0.11	7,230	186.16	0.15
21.10	0.11	7,215	186.16	0.15
21.20	0.11	7,199	186.15	0.15
21.30	0.11	7,184	186.15	0.15
21.40	0.10	7,168	186.14	0.15
21.50	0.10	7,152	186.14	0.15
21.60	0.10	7,136	186.14	0.15
21.70	0.10	7,119	186.13	0.15
21.80	0.10	7,103	186.13	0.15
21.90	0.10	7,086	186.13	0.15
22.00	0.10	7,070	186.12	0.15
22.10	0.10	7,053	186.12	0.15
22.20	0.10	7,036	186.11	0.15
22.30	0.10	7,018	186.11	0.15
22.40	0.10	7,001	186.11	0.15
22.50	0.10	6,984	186.10	0.14
22.60	0.09	6,966	186.10	0.14
22.70	0.09	6,948	186.09	0.14
22.80	0.09	6,930	186.09	0.14
22.90	0.09	6,912	186.08	0.14
23.00	0.09	6,894	186.08	0.14
23.10	0.09	6,875	186.08	0.14
23.20	0.09	6,857	186.07	0.14
23.30	0.09	6,838	186.07	0.14
23.40	0.09	6,819	186.06	0.14
23.50	0.09	6,801	186.06	0.14
23.60	0.09	6,782	186.05	0.14
23.70	0.09	6,762	186.05	0.14
23.80	0.09	6,743	186.04	0.14
23.90	0.08	6,724	186.04	0.14
24.00	0.09	6,705	186.03	0.14
24.10	0.08	6,686	186.03	0.14
24.20	0.02	6,654	186.02	0.14
24.30	0.00	6,609	186.01	0.14
24.40	0.00	6,561	186.00	0.13
24.50	0.00	6,513	185.99	0.13
24.60	0.00	6,465	185.98	0.13
24.70	0.00	6,417	185.96	0.13
24.80	0.00	6,370	185.95	0.13
24.90	0.00	6,324	185.94	0.13
25.00	0.00	6,277	185.93	0.13
25.10	0.00	6,232	185.92	0.13
25.20	0.00	6,186	185.91	0.13
25.30	0.00	6,141	185.90	0.12
25.40	0.00	6,097	185.89	0.12
25.50	0.00	6,053	185.87	0.12
25.60	0.00	6,009	185.86	0.12
25.70	0.00	5,966	185.85	0.12
25.80	0.00	5,924	185.84	0.12
25.90	0.00	5,881	185.83	0.12

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,839	185.82	0.12
26.10	0.00	5,798	185.81	0.11
26.20	0.00	5,757	185.80	0.11
26.30	0.00	5,717	185.79	0.11
26.40	0.00	5,676	185.78	0.11
26.50	0.00	5,637	185.77	0.11
26.60	0.00	5,598	185.76	0.11
26.70	0.00	5,559	185.75	0.11
26.80	0.00	5,521	185.74	0.11
26.90	0.00	5,483	185.73	0.10
27.00	0.00	5,445	185.72	0.10
27.10	0.00	5,408	185.71	0.10
27.20	0.00	5,372	185.70	0.10
27.30	0.00	5,336	185.69	0.10
27.40	0.00	5,300	185.68	0.10
27.50	0.00	5,265	185.67	0.10
27.60	0.00	5,231	185.66	0.10
27.70	0.00	5,196	185.66	0.09
27.80	0.00	5,163	185.65	0.09
27.90	0.00	5,129	185.64	0.09
28.00	0.00	5,097	185.63	0.09
28.10	0.00	5,064	185.62	0.09
28.20	0.00	5,032	185.61	0.09
28.30	0.00	5,001	185.60	0.09
28.40	0.00	4,970	185.60	0.09
28.50	0.00	4,939	185.59	0.08
28.60	0.00	4,909	185.58	0.08
28.70	0.00	4,880	185.57	0.08
28.80	0.00	4,850	185.56	0.08
28.90	0.00	4,822	185.56	0.08
29.00	0.00	4,794	185.55	0.08
29.10	0.00	4,766	185.54	0.08
29.20	0.00	4,739	185.53	0.08
29.30	0.00	4,712	185.53	0.07
29.40	0.00	4,685	185.52	0.07
29.50	0.00	4,660	185.51	0.07
29.60	0.00	4,634	185.51	0.07
29.70	0.00	4,609	185.50	0.07
29.80	0.00	4,585	185.49	0.07
29.90	0.00	4,561	185.49	0.07
30.00	0.00	4,538	185.48	0.06
30.10	0.00	4,515	185.47	0.06
30.20	0.00	4,492	185.47	0.06
30.30	0.00	4,470	185.46	0.06
30.40	0.00	4,448	185.45	0.06
30.50	0.00	4,427	185.45	0.06
30.60	0.00	4,407	185.44	0.06
30.70	0.00	4,387	185.44	0.06
30.80	0.00	4,367	185.43	0.05
30.90	0.00	4,348	185.43	0.05
31.00	0.00	4,329	185.42	0.05
31.10	0.00	4,311	185.42	0.05

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,293	185.41	0.05
31.30	0.00	4,276	185.41	0.05
31.40	0.00	4,259	185.40	0.05
31.50	0.00	4,243	185.40	0.04
31.60	0.00	4,227	185.39	0.04
31.70	0.00	4,212	185.39	0.04
31.80	0.00	4,197	185.39	0.04
31.90	0.00	4,183	185.38	0.04
32.00	0.00	4,169	185.38	0.04
32.10	0.00	4,156	185.37	0.04
32.20	0.00	4,143	185.37	0.03
32.30	0.00	4,131	185.37	0.03
32.40	0.00	4,119	185.36	0.03
32.50	0.00	4,108	185.36	0.03
32.60	0.00	4,097	185.36	0.03
32.70	0.00	4,086	185.35	0.03
32.80	0.00	4,076	185.35	0.03
32.90	0.00	4,066	185.35	0.03
33.00	0.00	4,056	185.35	0.03
33.10	0.00	4,047	185.34	0.03
33.20	0.00	4,038	185.34	0.02
33.30	0.00	4,029	185.34	0.02
33.40	0.00	4,021	185.34	0.02
33.50	0.00	4,013	185.33	0.02
33.60	0.00	4,005	185.33	0.02
33.70	0.00	3,997	185.33	0.02
33.80	0.00	3,990	185.33	0.02
33.90	0.00	3,983	185.33	0.02
34.00	0.00	3,976	185.32	0.02
34.10	0.00	3,970	185.32	0.02
34.20	0.00	3,963	185.32	0.02
34.30	0.00	3,957	185.32	0.02
34.40	0.00	3,951	185.32	0.02
34.50	0.00	3,945	185.31	0.02
34.60	0.00	3,939	185.31	0.02
34.70	0.00	3,934	185.31	0.02
34.80	0.00	3,928	185.31	0.01
34.90	0.00	3,923	185.31	0.01
35.00	0.00	3,918	185.31	0.01
35.10	0.00	3,913	185.31	0.01
35.20	0.00	3,908	185.30	0.01
35.30	0.00	3,904	185.30	0.01
35.40	0.00	3,899	185.30	0.01
35.50	0.00	3,895	185.30	0.01
35.60	0.00	3,890	185.30	0.01
35.70	0.00	3,886	185.30	0.01
35.80	0.00	3,882	185.30	0.01
35.90	0.00	3,878	185.30	0.01
36.00	0.00	3,874	185.29	0.01
36.10	0.00	3,870	185.29	0.01
36.20	0.00	3,867	185.29	0.01
36.30	0.00	3,863	185.29	0.01

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,859	185.29	0.01
36.50	0.00	3,856	185.29	0.01
36.60	0.00	3,853	185.29	0.01
36.70	0.00	3,850	185.29	0.01
36.80	0.00	3,846	185.29	0.01
36.90	0.00	3,843	185.29	0.01
37.00	0.00	3,840	185.29	0.01
37.10	0.00	3,838	185.28	0.01
37.20	0.00	3,835	185.28	0.01
37.30	0.00	3,832	185.28	0.01
37.40	0.00	3,829	185.28	0.01
37.50	0.00	3,827	185.28	0.01
37.60	0.00	3,824	185.28	0.01
37.70	0.00	3,822	185.28	0.01
37.80	0.00	3,819	185.28	0.01
37.90	0.00	3,817	185.28	0.01
38.00	0.00	3,815	185.28	0.01
38.10	0.00	3,812	185.28	0.01
38.20	0.00	3,810	185.28	0.01
38.30	0.00	3,808	185.28	0.01
38.40	0.00	3,806	185.28	0.01
38.50	0.00	3,803	185.27	0.01
38.60	0.00	3,801	185.27	0.01
38.70	0.00	3,799	185.27	0.01
38.80	0.00	3,797	185.27	0.01
38.90	0.00	3,795	185.27	0.01
39.00	0.00	3,793	185.27	0.01
39.10	0.00	3,791	185.27	0.01
39.20	0.00	3,789	185.27	0.01
39.30	0.00	3,787	185.27	0.01
39.40	0.00	3,785	185.27	0.01
39.50	0.00	3,784	185.27	0.01
39.60	0.00	3,782	185.27	0.01
39.70	0.00	3,780	185.27	0.00
39.80	0.00	3,778	185.27	0.00
39.90	0.00	3,776	185.27	0.00
40.00	0.00	3,775	185.27	0.00

Stage-Discharge for Pond B-33: Basin #33

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.00	185.04	0.00	185.56	0.08
184.01	0.00	184.53	0.00	185.05	0.00	185.57	0.08
184.02	0.00	184.54	0.00	185.06	0.00	185.58	0.08
184.03	0.00	184.55	0.00	185.07	0.00	185.59	0.08
184.04	0.00	184.56	0.00	185.08	0.00	185.60	0.09
184.05	0.00	184.57	0.00	185.09	0.00	185.61	0.09
184.06	0.00	184.58	0.00	185.10	0.00	185.62	0.09
184.07	0.00	184.59	0.00	185.11	0.00	185.63	0.09
184.08	0.00	184.60	0.00	185.12	0.00	185.64	0.09
184.09	0.00	184.61	0.00	185.13	0.00	185.65	0.09
184.10	0.00	184.62	0.00	185.14	0.00	185.66	0.10
184.11	0.00	184.63	0.00	185.15	0.00	185.67	0.10
184.12	0.00	184.64	0.00	185.16	0.00	185.68	0.10
184.13	0.00	184.65	0.00	185.17	0.00	185.69	0.10
184.14	0.00	184.66	0.00	185.18	0.00	185.70	0.10
184.15	0.00	184.67	0.00	185.19	0.00	185.71	0.10
184.16	0.00	184.68	0.00	185.20	0.00	185.72	0.10
184.17	0.00	184.69	0.00	185.21	0.00	185.73	0.10
184.18	0.00	184.70	0.00	185.22	0.00	185.74	0.11
184.19	0.00	184.71	0.00	185.23	0.00	185.75	0.11
184.20	0.00	184.72	0.00	185.24	0.00	185.76	0.11
184.21	0.00	184.73	0.00	185.25	0.00	185.77	0.11
184.22	0.00	184.74	0.00	185.26	0.00	185.78	0.11
184.23	0.00	184.75	0.00	185.27	0.00	185.79	0.11
184.24	0.00	184.76	0.00	185.28	0.01	185.80	0.11
184.25	0.00	184.77	0.00	185.29	0.01	185.81	0.11
184.26	0.00	184.78	0.00	185.30	0.01	185.82	0.12
184.27	0.00	184.79	0.00	185.31	0.01	185.83	0.12
184.28	0.00	184.80	0.00	185.32	0.02	185.84	0.12
184.29	0.00	184.81	0.00	185.33	0.02	185.85	0.12
184.30	0.00	184.82	0.00	185.34	0.02	185.86	0.12
184.31	0.00	184.83	0.00	185.35	0.03	185.87	0.12
184.32	0.00	184.84	0.00	185.36	0.03	185.88	0.12
184.33	0.00	184.85	0.00	185.37	0.03	185.89	0.12
184.34	0.00	184.86	0.00	185.38	0.04	185.90	0.12
184.35	0.00	184.87	0.00	185.39	0.04	185.91	0.13
184.36	0.00	184.88	0.00	185.40	0.05	185.92	0.13
184.37	0.00	184.89	0.00	185.41	0.05	185.93	0.13
184.38	0.00	184.90	0.00	185.42	0.05	185.94	0.13
184.39	0.00	184.91	0.00	185.43	0.05	185.95	0.13
184.40	0.00	184.92	0.00	185.44	0.06	185.96	0.13
184.41	0.00	184.93	0.00	185.45	0.06	185.97	0.13
184.42	0.00	184.94	0.00	185.46	0.06	185.98	0.13
184.43	0.00	184.95	0.00	185.47	0.06	185.99	0.13
184.44	0.00	184.96	0.00	185.48	0.06	186.00	0.13
184.45	0.00	184.97	0.00	185.49	0.07	186.01	0.14
184.46	0.00	184.98	0.00	185.50	0.07	186.02	0.14
184.47	0.00	184.99	0.00	185.51	0.07	186.03	0.14
184.48	0.00	185.00	0.00	185.52	0.07	186.04	0.14
184.49	0.00	185.01	0.00	185.53	0.07	186.05	0.14
184.50	0.00	185.02	0.00	185.54	0.08	186.06	0.14
184.51	0.00	185.03	0.00	185.55	0.08	186.07	0.14

Stage-Discharge for Pond B-33: Basin #33 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.14	186.60	2.85	187.12	10.37	187.64	14.46
186.09	0.14	186.61	2.96	187.13	10.54	187.65	14.49
186.10	0.14	186.62	3.08	187.14	10.71	187.66	14.51
186.11	0.15	186.63	3.19	187.15	10.89	187.67	14.54
186.12	0.15	186.64	3.31	187.16	11.06	187.68	14.56
186.13	0.15	186.65	3.43	187.17	11.23	187.69	14.59
186.14	0.15	186.66	3.55	187.18	11.41	187.70	14.61
186.15	0.15	186.67	3.68	187.19	11.58	187.71	14.64
186.16	0.15	186.68	3.80	187.20	11.76	187.72	14.66
186.17	0.15	186.69	3.93	187.21	11.94	187.73	14.69
186.18	0.15	186.70	4.05	187.22	12.12	187.74	14.71
186.19	0.15	186.71	4.18	187.23	12.29	187.75	14.74
186.20	0.15	186.72	4.31	187.24	12.47	187.76	14.88
186.21	0.15	186.73	4.44	187.25	12.65	187.77	15.12
186.22	0.16	186.74	4.57	187.26	12.83	187.78	15.42
186.23	0.16	186.75	4.70	187.27	13.02	187.79	15.77
186.24	0.16	186.76	4.84	187.28	13.20	187.80	16.17
186.25	0.16	186.77	4.97	187.29	13.38	187.81	16.61
186.26	0.17	186.78	5.11	187.30	13.57	187.82	17.08
186.27	0.20	186.79	5.25	187.31	13.61	187.83	17.59
186.28	0.23	186.80	5.39	187.32	13.64	187.84	18.13
186.29	0.27	186.81	5.53	187.33	13.67	187.85	18.70
186.30	0.31	186.82	5.67	187.34	13.69	187.86	19.30
186.31	0.35	186.83	5.81	187.35	13.72	187.87	19.92
186.32	0.41	186.84	5.95	187.36	13.75	187.88	20.57
186.33	0.46	186.85	6.10	187.37	13.77	187.89	21.25
186.34	0.52	186.86	6.24	187.38	13.80	187.90	21.95
186.35	0.58	186.87	6.39	187.39	13.83	187.91	22.67
186.36	0.64	186.88	6.54	187.40	13.85	187.92	23.42
186.37	0.71	186.89	6.69	187.41	13.88	187.93	24.19
186.38	0.78	186.90	6.84	187.42	13.90	187.94	24.98
186.39	0.85	186.91	6.99	187.43	13.93	187.95	25.79
186.40	0.92	186.92	7.14	187.44	13.96	187.96	26.66
186.41	1.00	186.93	7.29	187.45	13.98	187.97	27.55
186.42	1.08	186.94	7.45	187.46	14.01	187.98	28.47
186.43	1.16	186.95	7.60	187.47	14.03	187.99	29.42
186.44	1.25	186.96	7.76	187.48	14.06	188.00	30.39
186.45	1.33	186.97	7.91	187.49	14.08		
186.46	1.42	186.98	8.07	187.50	14.11		
186.47	1.51	186.99	8.23	187.51	14.14		
186.48	1.60	187.00	8.39	187.52	14.16		
186.49	1.70	187.01	8.55	187.53	14.19		
186.50	1.79	187.02	8.71	187.54	14.21		
186.51	1.89	187.03	8.87	187.55	14.24		
186.52	1.99	187.04	9.04	187.56	14.26		
186.53	2.09	187.05	9.20	187.57	14.29		
186.54	2.19	187.06	9.37	187.58	14.31		
186.55	2.30	187.07	9.53	187.59	14.34		
186.56	2.41	187.08	9.70	187.60	14.36		
186.57	2.51	187.09	9.87	187.61	14.39		
186.58	2.62	187.10	10.03	187.62	14.41		
186.59	2.73	187.11	10.20	187.63	14.44		

Stage-Area-Storage for Pond B-33: Basin #33

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	2,481	0	184.52	2,890	1,397
184.01	2,489	25	184.53	2,898	1,425
184.02	2,497	50	184.54	2,906	1,454
184.03	2,505	75	184.55	2,914	1,484
184.04	2,512	100	184.56	2,922	1,513
184.05	2,520	125	184.57	2,930	1,542
184.06	2,528	150	184.58	2,937	1,571
184.07	2,536	176	184.59	2,945	1,601
184.08	2,544	201	184.60	2,953	1,630
184.09	2,552	226	184.61	2,961	1,660
184.10	2,560	252	184.62	2,969	1,689
184.11	2,568	278	184.63	2,977	1,719
184.12	2,575	303	184.64	2,985	1,749
184.13	2,583	329	184.65	2,993	1,779
184.14	2,591	355	184.66	3,000	1,809
184.15	2,599	381	184.67	3,008	1,839
184.16	2,607	407	184.68	3,016	1,869
184.17	2,615	433	184.69	3,024	1,899
184.18	2,623	459	184.70	3,032	1,930
184.19	2,631	486	184.71	3,040	1,960
184.20	2,638	512	184.72	3,048	1,990
184.21	2,646	538	184.73	3,056	2,021
184.22	2,654	565	184.74	3,063	2,051
184.23	2,662	591	184.75	3,071	2,082
184.24	2,670	618	184.76	3,079	2,113
184.25	2,678	645	184.77	3,087	2,144
184.26	2,686	672	184.78	3,095	2,175
184.27	2,693	699	184.79	3,103	2,206
184.28	2,701	726	184.80	3,111	2,237
184.29	2,709	753	184.81	3,118	2,268
184.30	2,717	780	184.82	3,126	2,299
184.31	2,725	807	184.83	3,134	2,330
184.32	2,733	834	184.84	3,142	2,362
184.33	2,741	862	184.85	3,150	2,393
184.34	2,749	889	184.86	3,158	2,425
184.35	2,756	917	184.87	3,166	2,456
184.36	2,764	944	184.88	3,174	2,488
184.37	2,772	972	184.89	3,181	2,520
184.38	2,780	1,000	184.90	3,189	2,552
184.39	2,788	1,027	184.91	3,197	2,584
184.40	2,796	1,055	184.92	3,205	2,616
184.41	2,804	1,083	184.93	3,213	2,648
184.42	2,812	1,111	184.94	3,221	2,680
184.43	2,819	1,140	184.95	3,229	2,712
184.44	2,827	1,168	184.96	3,237	2,744
184.45	2,835	1,196	184.97	3,244	2,777
184.46	2,843	1,225	184.98	3,252	2,809
184.47	2,851	1,253	184.99	3,260	2,842
184.48	2,859	1,282	185.00	3,268	2,875
184.49	2,867	1,310	185.01	3,276	2,907
184.50	2,875	1,339	185.02	3,285	2,940
184.51	2,882	1,368	185.03	3,293	2,973

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	3,302	3,006	185.56	3,740	4,837
185.05	3,310	3,039	185.57	3,749	4,874
185.06	3,319	3,072	185.58	3,757	4,912
185.07	3,327	3,105	185.59	3,765	4,949
185.08	3,335	3,139	185.60	3,774	4,987
185.09	3,344	3,172	185.61	3,782	5,025
185.10	3,352	3,206	185.62	3,791	5,063
185.11	3,361	3,239	185.63	3,799	5,101
185.12	3,369	3,273	185.64	3,808	5,139
185.13	3,378	3,306	185.65	3,816	5,177
185.14	3,386	3,340	185.66	3,824	5,215
185.15	3,394	3,374	185.67	3,833	5,253
185.16	3,403	3,408	185.68	3,841	5,292
185.17	3,411	3,442	185.69	3,850	5,330
185.18	3,420	3,476	185.70	3,858	5,369
185.19	3,428	3,511	185.71	3,867	5,407
185.20	3,437	3,545	185.72	3,875	5,446
185.21	3,445	3,579	185.73	3,883	5,485
185.22	3,453	3,614	185.74	3,892	5,524
185.23	3,462	3,648	185.75	3,900	5,563
185.24	3,470	3,683	185.76	3,909	5,602
185.25	3,479	3,718	185.77	3,917	5,641
185.26	3,487	3,753	185.78	3,926	5,680
185.27	3,496	3,788	185.79	3,934	5,719
185.28	3,504	3,823	185.80	3,942	5,759
185.29	3,512	3,858	185.81	3,951	5,798
185.30	3,521	3,893	185.82	3,959	5,838
185.31	3,529	3,928	185.83	3,968	5,877
185.32	3,538	3,963	185.84	3,976	5,917
185.33	3,546	3,999	185.85	3,985	5,957
185.34	3,555	4,034	185.86	3,993	5,997
185.35	3,563	4,070	185.87	4,001	6,037
185.36	3,571	4,106	185.88	4,010	6,077
185.37	3,580	4,141	185.89	4,018	6,117
185.38	3,588	4,177	185.90	4,027	6,157
185.39	3,597	4,213	185.91	4,035	6,197
185.40	3,605	4,249	185.92	4,044	6,238
185.41	3,614	4,285	185.93	4,052	6,278
185.42	3,622	4,321	185.94	4,060	6,319
185.43	3,630	4,358	185.95	4,069	6,360
185.44	3,639	4,394	185.96	4,077	6,400
185.45	3,647	4,430	185.97	4,086	6,441
185.46	3,656	4,467	185.98	4,094	6,482
185.47	3,664	4,504	185.99	4,103	6,523
185.48	3,673	4,540	186.00	4,111	6,564
185.49	3,681	4,577	186.01	4,120	6,605
185.50	3,690	4,614	186.02	4,129	6,646
185.51	3,698	4,651	186.03	4,138	6,688
185.52	3,706	4,688	186.04	4,147	6,729
185.53	3,715	4,725	186.05	4,156	6,771
185.54	3,723	4,762	186.06	4,165	6,812
185.55	3,732	4,799	186.07	4,174	6,854

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	4,183	6,896	186.60	4,650	9,192
186.09	4,192	6,938	186.61	4,659	9,239
186.10	4,201	6,980	186.62	4,668	9,286
186.11	4,210	7,022	186.63	4,677	9,332
186.12	4,219	7,064	186.64	4,686	9,379
186.13	4,228	7,106	186.65	4,695	9,426
186.14	4,237	7,148	186.66	4,704	9,473
186.15	4,246	7,191	186.67	4,713	9,520
186.16	4,255	7,233	186.68	4,722	9,567
186.17	4,264	7,276	186.69	4,731	9,615
186.18	4,273	7,319	186.70	4,740	9,662
186.19	4,282	7,361	186.71	4,749	9,709
186.20	4,291	7,404	186.72	4,758	9,757
186.21	4,300	7,447	186.73	4,767	9,805
186.22	4,309	7,490	186.74	4,776	9,852
186.23	4,318	7,533	186.75	4,785	9,900
186.24	4,327	7,577	186.76	4,794	9,948
186.25	4,336	7,620	186.77	4,803	9,996
186.26	4,345	7,663	186.78	4,812	10,044
186.27	4,354	7,707	186.79	4,821	10,092
186.28	4,363	7,750	186.80	4,830	10,140
186.29	4,372	7,794	186.81	4,839	10,189
186.30	4,381	7,838	186.82	4,848	10,237
186.31	4,390	7,882	186.83	4,857	10,286
186.32	4,399	7,926	186.84	4,866	10,334
186.33	4,408	7,970	186.85	4,875	10,383
186.34	4,417	8,014	186.86	4,884	10,432
186.35	4,426	8,058	186.87	4,893	10,481
186.36	4,435	8,102	186.88	4,902	10,530
186.37	4,444	8,147	186.89	4,911	10,579
186.38	4,453	8,191	186.90	4,920	10,628
186.39	4,462	8,236	186.91	4,929	10,677
186.40	4,471	8,280	186.92	4,938	10,727
186.41	4,480	8,325	186.93	4,947	10,776
186.42	4,489	8,370	186.94	4,956	10,826
186.43	4,498	8,415	186.95	4,965	10,875
186.44	4,507	8,460	186.96	4,974	10,925
186.45	4,516	8,505	186.97	4,983	10,975
186.46	4,525	8,550	186.98	4,992	11,024
186.47	4,534	8,595	186.99	5,001	11,074
186.48	4,543	8,641	187.00	5,010	11,125
186.49	4,552	8,686	187.01	5,020	11,175
186.50	4,561	8,732	187.02	5,029	11,225
186.51	4,569	8,778	187.03	5,039	11,275
186.52	4,578	8,823	187.04	5,048	11,326
186.53	4,587	8,869	187.05	5,058	11,376
186.54	4,596	8,915	187.06	5,067	11,427
186.55	4,605	8,961	187.07	5,077	11,478
186.56	4,614	9,007	187.08	5,086	11,528
186.57	4,623	9,053	187.09	5,096	11,579
186.58	4,632	9,100	187.10	5,106	11,630
186.59	4,641	9,146	187.11	5,115	11,681

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	5,125	11,733	187.64	5,622	14,527
187.13	5,134	11,784	187.65	5,631	14,583
187.14	5,144	11,835	187.66	5,641	14,639
187.15	5,153	11,887	187.67	5,651	14,696
187.16	5,163	11,938	187.68	5,660	14,752
187.17	5,173	11,990	187.69	5,670	14,809
187.18	5,182	12,042	187.70	5,679	14,866
187.19	5,192	12,094	187.71	5,689	14,923
187.20	5,201	12,146	187.72	5,698	14,979
187.21	5,211	12,198	187.73	5,708	15,037
187.22	5,220	12,250	187.74	5,717	15,094
187.23	5,230	12,302	187.75	5,727	15,151
187.24	5,239	12,354	187.76	5,737	15,208
187.25	5,249	12,407	187.77	5,746	15,266
187.26	5,259	12,459	187.78	5,756	15,323
187.27	5,268	12,512	187.79	5,765	15,381
187.28	5,278	12,565	187.80	5,775	15,438
187.29	5,287	12,618	187.81	5,784	15,496
187.30	5,297	12,671	187.82	5,794	15,554
187.31	5,306	12,724	187.83	5,803	15,612
187.32	5,316	12,777	187.84	5,813	15,670
187.33	5,325	12,830	187.85	5,823	15,728
187.34	5,335	12,883	187.86	5,832	15,787
187.35	5,345	12,937	187.87	5,842	15,845
187.36	5,354	12,990	187.88	5,851	15,903
187.37	5,364	13,044	187.89	5,861	15,962
187.38	5,373	13,097	187.90	5,870	16,021
187.39	5,383	13,151	187.91	5,880	16,079
187.40	5,392	13,205	187.92	5,890	16,138
187.41	5,402	13,259	187.93	5,899	16,197
187.42	5,412	13,313	187.94	5,909	16,256
187.43	5,421	13,367	187.95	5,918	16,315
187.44	5,431	13,421	187.96	5,928	16,375
187.45	5,440	13,476	187.97	5,937	16,434
187.46	5,450	13,530	187.98	5,947	16,493
187.47	5,459	13,585	187.99	5,956	16,553
187.48	5,469	13,639	188.00	5,966	16,613
187.49	5,478	13,694			
187.50	5,488	13,749			
187.51	5,498	13,804			
187.52	5,507	13,859			
187.53	5,517	13,914			
187.54	5,526	13,969			
187.55	5,536	14,025			
187.56	5,545	14,080			
187.57	5,555	14,136			
187.58	5,564	14,191			
187.59	5,574	14,247			
187.60	5,584	14,303			
187.61	5,593	14,358			
187.62	5,603	14,414			
187.63	5,612	14,471			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 2.99" for Current 10 yr event
 Inflow = 5.58 cfs @ 12.17 hrs, Volume= 0.443 af
 Outflow = 2.32 cfs @ 12.39 hrs, Volume= 0.391 af, Atten= 58%, Lag= 13.1 min
 Primary = 2.32 cfs @ 12.39 hrs, Volume= 0.391 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.63' @ 12.39 hrs Surf.Area= 5,982 sf Storage= 8,451 cf

Plug-Flow detention time= 345.0 min calculated for 0.391 af (88% of inflow)
 Center-of-Mass det. time= 287.7 min (1,096.5 - 808.8)

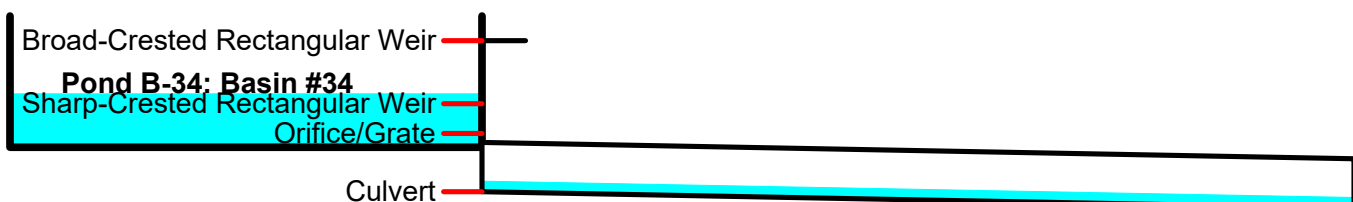
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	25,913 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	4,390	0	0
192.00	5,343	4,867	4,867
193.00	6,353	5,848	10,715
194.00	7,419	6,886	17,601
195.00	9,205	8,312	25,913

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.42'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.25'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

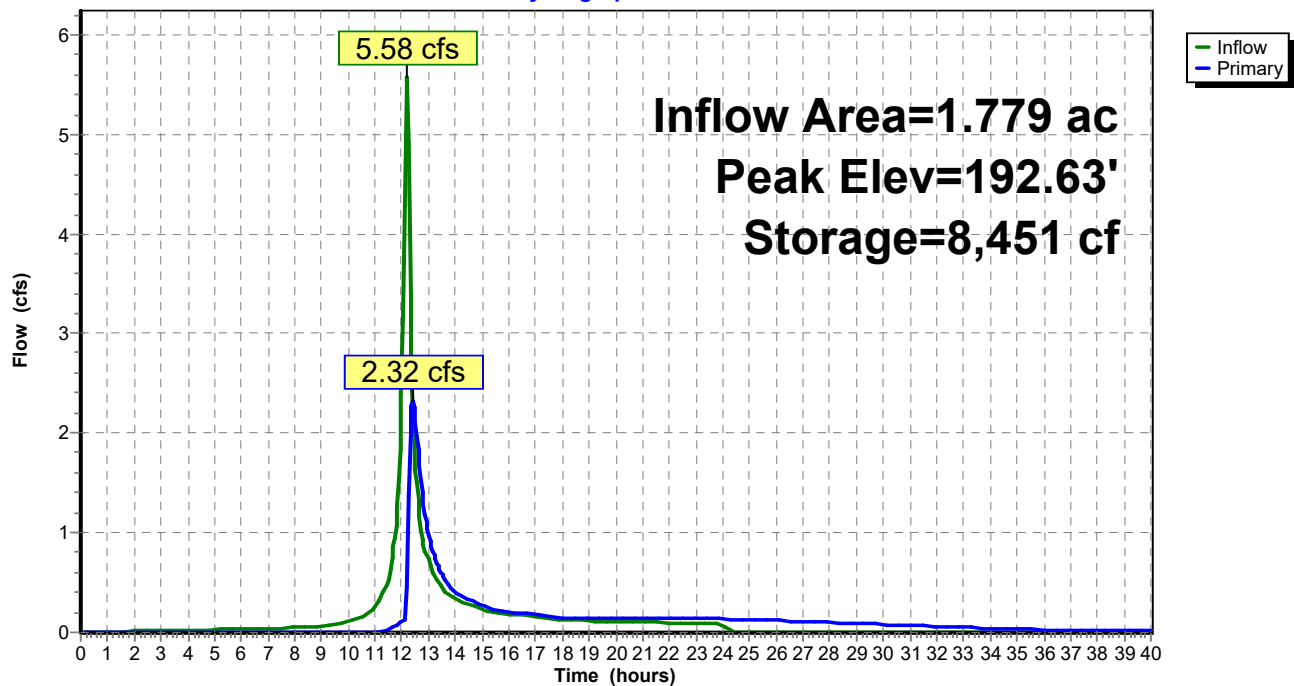
Primary OutFlow Max=2.31 cfs @ 12.39 hrs HW=192.63' (Free Discharge)

1=Culvert (Passes 2.31 cfs of 10.94 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.07 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.14 cfs @ 1.80 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	1	191.00	0.00
1.20	0.00	2	191.00	0.00
1.30	0.00	4	191.00	0.00
1.40	0.01	6	191.00	0.00
1.50	0.01	8	191.00	0.00
1.60	0.01	10	191.00	0.00
1.70	0.01	13	191.00	0.00
1.80	0.01	16	191.00	0.00
1.90	0.01	20	191.00	0.00
2.00	0.01	24	191.01	0.00
2.10	0.01	28	191.01	0.00
2.20	0.01	32	191.01	0.00
2.30	0.01	37	191.01	0.00
2.40	0.01	41	191.01	0.00
2.50	0.01	47	191.01	0.00
2.60	0.02	52	191.01	0.00
2.70	0.02	57	191.01	0.00
2.80	0.02	63	191.01	0.00
2.90	0.02	69	191.02	0.00
3.00	0.02	75	191.02	0.00
3.10	0.02	82	191.02	0.00
3.20	0.02	88	191.02	0.00
3.30	0.02	95	191.02	0.00
3.40	0.02	102	191.02	0.00
3.50	0.02	109	191.02	0.00
3.60	0.02	116	191.03	0.00
3.70	0.02	124	191.03	0.00
3.80	0.02	131	191.03	0.00
3.90	0.02	139	191.03	0.00
4.00	0.02	147	191.03	0.00
4.10	0.02	155	191.04	0.00
4.20	0.02	163	191.04	0.00
4.30	0.02	172	191.04	0.00
4.40	0.02	180	191.04	0.00
4.50	0.02	189	191.04	0.00
4.60	0.02	198	191.04	0.00
4.70	0.03	207	191.05	0.00
4.80	0.03	216	191.05	0.00
4.90	0.03	225	191.05	0.00
5.00	0.03	235	191.05	0.00
5.10	0.03	244	191.06	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	254	191.06	0.00
5.30	0.03	264	191.06	0.00
5.40	0.03	274	191.06	0.00
5.50	0.03	284	191.06	0.00
5.60	0.03	294	191.07	0.00
5.70	0.03	304	191.07	0.00
5.80	0.03	315	191.07	0.00
5.90	0.03	325	191.07	0.00
6.00	0.03	336	191.08	0.00
6.10	0.03	347	191.08	0.00
6.20	0.03	358	191.08	0.00
6.30	0.03	369	191.08	0.00
6.40	0.03	380	191.09	0.00
6.50	0.03	392	191.09	0.00
6.60	0.03	405	191.09	0.00
6.70	0.04	417	191.09	0.00
6.80	0.04	430	191.10	0.00
6.90	0.04	443	191.10	0.00
7.00	0.04	457	191.10	0.00
7.10	0.04	471	191.11	0.00
7.20	0.04	485	191.11	0.00
7.30	0.04	499	191.11	0.00
7.40	0.04	514	191.12	0.00
7.50	0.04	529	191.12	0.00
7.60	0.04	545	191.12	0.00
7.70	0.04	561	191.13	0.00
7.80	0.05	577	191.13	0.00
7.90	0.05	593	191.13	0.00
8.00	0.05	610	191.14	0.00
8.10	0.05	627	191.14	0.00
8.20	0.05	645	191.14	0.00
8.30	0.05	662	191.15	0.00
8.40	0.05	681	191.15	0.00
8.50	0.05	699	191.16	0.00
8.60	0.05	718	191.16	0.00
8.70	0.05	737	191.16	0.00
8.80	0.05	756	191.17	0.00
8.90	0.06	776	191.17	0.00
9.00	0.06	797	191.18	0.00
9.10	0.06	818	191.18	0.00
9.20	0.07	841	191.19	0.00
9.30	0.07	865	191.19	0.00
9.40	0.08	892	191.20	0.00
9.50	0.08	920	191.21	0.00
9.60	0.09	951	191.21	0.00
9.70	0.09	983	191.22	0.00
9.80	0.10	1,019	191.23	0.00
9.90	0.11	1,056	191.23	0.00
10.00	0.11	1,096	191.24	0.00
10.10	0.12	1,138	191.25	0.00
10.20	0.13	1,184	191.26	0.00
10.30	0.14	1,232	191.27	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,283	191.28	0.00
10.50	0.15	1,337	191.29	0.00
10.60	0.17	1,394	191.31	0.00
10.70	0.19	1,457	191.32	0.00
10.80	0.21	1,529	191.34	0.00
10.90	0.24	1,609	191.35	0.00
11.00	0.26	1,699	191.37	0.00
11.10	0.30	1,800	191.39	0.00
11.20	0.34	1,915	191.42	0.00
11.30	0.40	2,048	191.45	0.00
11.40	0.45	2,200	191.48	0.01
11.50	0.51	2,370	191.51	0.02
11.60	0.64	2,565	191.55	0.03
11.70	0.86	2,823	191.60	0.05
11.80	1.08	3,149	191.67	0.06
11.90	1.51	3,584	191.75	0.08
12.00	2.40	4,238	191.88	0.10
12.10	4.30	5,372	192.09	0.12
12.20	5.43	7,148	192.41	0.46
12.30	3.37	8,263	192.60	2.00
12.40	2.21	8,451	192.63	2.32
12.50	1.64	8,329	192.61	2.11
12.60	1.34	8,160	192.58	1.83
12.70	1.02	7,976	192.55	1.53
12.80	0.88	7,811	192.53	1.28
12.90	0.80	7,685	192.50	1.10
13.00	0.72	7,586	192.49	0.97
13.10	0.65	7,504	192.47	0.86
13.20	0.58	7,430	192.46	0.77
13.30	0.53	7,367	192.45	0.69
13.40	0.49	7,313	192.44	0.63
13.50	0.45	7,265	192.43	0.58
13.60	0.41	7,219	192.42	0.53
13.70	0.38	7,176	192.42	0.49
13.80	0.36	7,139	192.41	0.45
13.90	0.35	7,110	192.40	0.42
14.00	0.34	7,086	192.40	0.40
14.10	0.33	7,065	192.40	0.38
14.20	0.32	7,047	192.39	0.37
14.30	0.31	7,029	192.39	0.35
14.40	0.29	7,013	192.39	0.34
14.50	0.28	6,997	192.38	0.33
14.60	0.27	6,981	192.38	0.32
14.70	0.26	6,966	192.38	0.30
14.80	0.25	6,952	192.38	0.29
14.90	0.24	6,937	192.37	0.28
15.00	0.23	6,923	192.37	0.27
15.10	0.22	6,908	192.37	0.26
15.20	0.21	6,894	192.37	0.25
15.30	0.21	6,882	192.36	0.24
15.40	0.20	6,871	192.36	0.23
15.50	0.20	6,862	192.36	0.22

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	6,854	192.36	0.22
15.70	0.19	6,847	192.36	0.21
15.80	0.19	6,839	192.36	0.21
15.90	0.19	6,832	192.36	0.21
16.00	0.19	6,825	192.35	0.21
16.10	0.18	6,818	192.35	0.20
16.20	0.18	6,811	192.35	0.20
16.30	0.18	6,804	192.35	0.20
16.40	0.17	6,797	192.35	0.19
16.50	0.17	6,790	192.35	0.19
16.60	0.17	6,783	192.35	0.19
16.70	0.17	6,776	192.35	0.18
16.80	0.16	6,769	192.34	0.18
16.90	0.16	6,762	192.34	0.18
17.00	0.16	6,755	192.34	0.18
17.10	0.15	6,748	192.34	0.17
17.20	0.15	6,741	192.34	0.17
17.30	0.15	6,734	192.34	0.17
17.40	0.15	6,727	192.34	0.16
17.50	0.14	6,720	192.34	0.16
17.60	0.14	6,713	192.33	0.16
17.70	0.14	6,706	192.33	0.16
17.80	0.13	6,699	192.33	0.15
17.90	0.13	6,692	192.33	0.15
18.00	0.13	6,685	192.33	0.15
18.10	0.12	6,677	192.33	0.15
18.20	0.12	6,669	192.33	0.15
18.30	0.12	6,660	192.33	0.15
18.40	0.12	6,650	192.32	0.15
18.50	0.12	6,641	192.32	0.15
18.60	0.12	6,631	192.32	0.15
18.70	0.12	6,621	192.32	0.15
18.80	0.12	6,611	192.32	0.15
18.90	0.12	6,600	192.32	0.15
19.00	0.12	6,590	192.31	0.15
19.10	0.12	6,579	192.31	0.15
19.20	0.11	6,568	192.31	0.15
19.30	0.11	6,557	192.31	0.15
19.40	0.11	6,545	192.31	0.15
19.50	0.11	6,534	192.30	0.14
19.60	0.11	6,522	192.30	0.14
19.70	0.11	6,510	192.30	0.14
19.80	0.11	6,498	192.30	0.14
19.90	0.11	6,486	192.29	0.14
20.00	0.11	6,473	192.29	0.14
20.10	0.11	6,461	192.29	0.14
20.20	0.11	6,448	192.29	0.14
20.30	0.11	6,435	192.29	0.14
20.40	0.11	6,422	192.28	0.14
20.50	0.11	6,408	192.28	0.14
20.60	0.10	6,395	192.28	0.14
20.70	0.10	6,381	192.28	0.14

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	6,367	192.27	0.14
20.90	0.10	6,353	192.27	0.14
21.00	0.10	6,339	192.27	0.14
21.10	0.10	6,324	192.27	0.14
21.20	0.10	6,310	192.26	0.14
21.30	0.10	6,295	192.26	0.14
21.40	0.10	6,280	192.26	0.14
21.50	0.10	6,265	192.26	0.14
21.60	0.10	6,250	192.25	0.14
21.70	0.10	6,234	192.25	0.14
21.80	0.10	6,219	192.25	0.14
21.90	0.10	6,203	192.24	0.14
22.00	0.09	6,187	192.24	0.14
22.10	0.09	6,171	192.24	0.14
22.20	0.09	6,155	192.24	0.14
22.30	0.09	6,138	192.23	0.14
22.40	0.09	6,122	192.23	0.14
22.50	0.09	6,105	192.23	0.14
22.60	0.09	6,088	192.22	0.14
22.70	0.09	6,071	192.22	0.14
22.80	0.09	6,054	192.22	0.14
22.90	0.09	6,036	192.21	0.14
23.00	0.09	6,019	192.21	0.14
23.10	0.09	6,001	192.21	0.14
23.20	0.09	5,983	192.21	0.14
23.30	0.08	5,965	192.20	0.14
23.40	0.08	5,947	192.20	0.13
23.50	0.08	5,929	192.20	0.13
23.60	0.08	5,910	192.19	0.13
23.70	0.08	5,892	192.19	0.13
23.80	0.08	5,873	192.19	0.13
23.90	0.08	5,854	192.18	0.13
24.00	0.08	5,836	192.18	0.13
24.10	0.07	5,817	192.18	0.13
24.20	0.02	5,786	192.17	0.13
24.30	0.00	5,742	192.16	0.13
24.40	0.00	5,696	192.15	0.13
24.50	0.00	5,650	192.14	0.13
24.60	0.00	5,603	192.14	0.13
24.70	0.00	5,557	192.13	0.13
24.80	0.00	5,512	192.12	0.13
24.90	0.00	5,466	192.11	0.13
25.00	0.00	5,421	192.10	0.12
25.10	0.00	5,376	192.09	0.12
25.20	0.00	5,332	192.09	0.12
25.30	0.00	5,288	192.08	0.12
25.40	0.00	5,244	192.07	0.12
25.50	0.00	5,200	192.06	0.12
25.60	0.00	5,157	192.05	0.12
25.70	0.00	5,114	192.05	0.12
25.80	0.00	5,072	192.04	0.12
25.90	0.00	5,030	192.03	0.12

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,988	192.02	0.12
26.10	0.00	4,946	192.01	0.11
26.20	0.00	4,905	192.01	0.11
26.30	0.00	4,864	192.00	0.11
26.40	0.00	4,824	191.99	0.11
26.50	0.00	4,783	191.98	0.11
26.60	0.00	4,743	191.98	0.11
26.70	0.00	4,704	191.97	0.11
26.80	0.00	4,665	191.96	0.11
26.90	0.00	4,626	191.95	0.11
27.00	0.00	4,587	191.95	0.11
27.10	0.00	4,549	191.94	0.11
27.20	0.00	4,511	191.93	0.10
27.30	0.00	4,473	191.93	0.10
27.40	0.00	4,436	191.92	0.10
27.50	0.00	4,399	191.91	0.10
27.60	0.00	4,362	191.90	0.10
27.70	0.00	4,326	191.90	0.10
27.80	0.00	4,290	191.89	0.10
27.90	0.00	4,255	191.88	0.10
28.00	0.00	4,219	191.88	0.10
28.10	0.00	4,184	191.87	0.10
28.20	0.00	4,150	191.86	0.10
28.30	0.00	4,115	191.86	0.09
28.40	0.00	4,081	191.85	0.09
28.50	0.00	4,048	191.84	0.09
28.60	0.00	4,015	191.84	0.09
28.70	0.00	3,982	191.83	0.09
28.80	0.00	3,949	191.83	0.09
28.90	0.00	3,917	191.82	0.09
29.00	0.00	3,885	191.81	0.09
29.10	0.00	3,853	191.81	0.09
29.20	0.00	3,822	191.80	0.09
29.30	0.00	3,791	191.79	0.09
29.40	0.00	3,761	191.79	0.08
29.50	0.00	3,730	191.78	0.08
29.60	0.00	3,701	191.78	0.08
29.70	0.00	3,671	191.77	0.08
29.80	0.00	3,642	191.77	0.08
29.90	0.00	3,613	191.76	0.08
30.00	0.00	3,584	191.75	0.08
30.10	0.00	3,556	191.75	0.08
30.20	0.00	3,528	191.74	0.08
30.30	0.00	3,501	191.74	0.08
30.40	0.00	3,474	191.73	0.07
30.50	0.00	3,447	191.73	0.07
30.60	0.00	3,420	191.72	0.07
30.70	0.00	3,394	191.72	0.07
30.80	0.00	3,369	191.71	0.07
30.90	0.00	3,343	191.71	0.07
31.00	0.00	3,318	191.70	0.07
31.10	0.00	3,293	191.70	0.07

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,269	191.69	0.07
31.30	0.00	3,245	191.69	0.07
31.40	0.00	3,221	191.68	0.07
31.50	0.00	3,198	191.68	0.06
31.60	0.00	3,175	191.67	0.06
31.70	0.00	3,152	191.67	0.06
31.80	0.00	3,130	191.66	0.06
31.90	0.00	3,108	191.66	0.06
32.00	0.00	3,086	191.66	0.06
32.10	0.00	3,065	191.65	0.06
32.20	0.00	3,044	191.65	0.06
32.30	0.00	3,024	191.64	0.06
32.40	0.00	3,003	191.64	0.06
32.50	0.00	2,983	191.64	0.05
32.60	0.00	2,964	191.63	0.05
32.70	0.00	2,945	191.63	0.05
32.80	0.00	2,926	191.62	0.05
32.90	0.00	2,908	191.62	0.05
33.00	0.00	2,890	191.62	0.05
33.10	0.00	2,872	191.61	0.05
33.20	0.00	2,854	191.61	0.05
33.30	0.00	2,837	191.61	0.05
33.40	0.00	2,821	191.60	0.05
33.50	0.00	2,804	191.60	0.05
33.60	0.00	2,788	191.60	0.04
33.70	0.00	2,773	191.59	0.04
33.80	0.00	2,757	191.59	0.04
33.90	0.00	2,742	191.59	0.04
34.00	0.00	2,728	191.58	0.04
34.10	0.00	2,714	191.58	0.04
34.20	0.00	2,700	191.58	0.04
34.30	0.00	2,687	191.58	0.04
34.40	0.00	2,674	191.57	0.04
34.50	0.00	2,661	191.57	0.03
34.60	0.00	2,649	191.57	0.03
34.70	0.00	2,637	191.57	0.03
34.80	0.00	2,625	191.56	0.03
34.90	0.00	2,613	191.56	0.03
35.00	0.00	2,602	191.56	0.03
35.10	0.00	2,591	191.56	0.03
35.20	0.00	2,581	191.55	0.03
35.30	0.00	2,570	191.55	0.03
35.40	0.00	2,560	191.55	0.03
35.50	0.00	2,550	191.55	0.03
35.60	0.00	2,541	191.55	0.03
35.70	0.00	2,531	191.54	0.03
35.80	0.00	2,522	191.54	0.03
35.90	0.00	2,513	191.54	0.02
36.00	0.00	2,505	191.54	0.02
36.10	0.00	2,496	191.54	0.02
36.20	0.00	2,488	191.54	0.02
36.30	0.00	2,480	191.53	0.02

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,472	191.53	0.02
36.50	0.00	2,464	191.53	0.02
36.60	0.00	2,457	191.53	0.02
36.70	0.00	2,449	191.53	0.02
36.80	0.00	2,442	191.53	0.02
36.90	0.00	2,435	191.52	0.02
37.00	0.00	2,429	191.52	0.02
37.10	0.00	2,422	191.52	0.02
37.20	0.00	2,416	191.52	0.02
37.30	0.00	2,409	191.52	0.02
37.40	0.00	2,403	191.52	0.02
37.50	0.00	2,397	191.52	0.02
37.60	0.00	2,391	191.52	0.02
37.70	0.00	2,385	191.51	0.02
37.80	0.00	2,380	191.51	0.02
37.90	0.00	2,374	191.51	0.02
38.00	0.00	2,369	191.51	0.02
38.10	0.00	2,363	191.51	0.01
38.20	0.00	2,358	191.51	0.01
38.30	0.00	2,353	191.51	0.01
38.40	0.00	2,348	191.51	0.01
38.50	0.00	2,343	191.51	0.01
38.60	0.00	2,338	191.50	0.01
38.70	0.00	2,333	191.50	0.01
38.80	0.00	2,328	191.50	0.01
38.90	0.00	2,324	191.50	0.01
39.00	0.00	2,319	191.50	0.01
39.10	0.00	2,315	191.50	0.01
39.20	0.00	2,311	191.50	0.01
39.30	0.00	2,306	191.50	0.01
39.40	0.00	2,302	191.50	0.01
39.50	0.00	2,298	191.50	0.01
39.60	0.00	2,294	191.50	0.01
39.70	0.00	2,290	191.50	0.01
39.80	0.00	2,286	191.49	0.01
39.90	0.00	2,283	191.49	0.01
40.00	0.00	2,279	191.49	0.01

Stage-Discharge for Pond B-34: Basin #34

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	1.59
191.01	0.00	191.53	0.02	192.05	0.12	192.57	1.69
191.02	0.00	191.54	0.02	192.06	0.12	192.58	1.78
191.03	0.00	191.55	0.03	192.07	0.12	192.59	1.88
191.04	0.00	191.56	0.03	192.08	0.12	192.60	1.98
191.05	0.00	191.57	0.03	192.09	0.12	192.61	2.08
191.06	0.00	191.58	0.04	192.10	0.12	192.62	2.18
191.07	0.00	191.59	0.04	192.11	0.13	192.63	2.29
191.08	0.00	191.60	0.05	192.12	0.13	192.64	2.40
191.09	0.00	191.61	0.05	192.13	0.13	192.65	2.50
191.10	0.00	191.62	0.05	192.14	0.13	192.66	2.61
191.11	0.00	191.63	0.05	192.15	0.13	192.67	2.72
191.12	0.00	191.64	0.06	192.16	0.13	192.68	2.84
191.13	0.00	191.65	0.06	192.17	0.13	192.69	2.95
191.14	0.00	191.66	0.06	192.18	0.13	192.70	3.07
191.15	0.00	191.67	0.06	192.19	0.13	192.71	3.18
191.16	0.00	191.68	0.06	192.20	0.13	192.72	3.30
191.17	0.00	191.69	0.07	192.21	0.14	192.73	3.42
191.18	0.00	191.70	0.07	192.22	0.14	192.74	3.54
191.19	0.00	191.71	0.07	192.23	0.14	192.75	3.67
191.20	0.00	191.72	0.07	192.24	0.14	192.76	3.79
191.21	0.00	191.73	0.07	192.25	0.14	192.77	3.92
191.22	0.00	191.74	0.08	192.26	0.14	192.78	4.04
191.23	0.00	191.75	0.08	192.27	0.14	192.79	4.17
191.24	0.00	191.76	0.08	192.28	0.14	192.80	4.30
191.25	0.00	191.77	0.08	192.29	0.14	192.81	4.43
191.26	0.00	191.78	0.08	192.30	0.14	192.82	4.56
191.27	0.00	191.79	0.08	192.31	0.15	192.83	4.70
191.28	0.00	191.80	0.09	192.32	0.15	192.84	4.83
191.29	0.00	191.81	0.09	192.33	0.15	192.85	4.97
191.30	0.00	191.82	0.09	192.34	0.16	192.86	5.10
191.31	0.00	191.83	0.09	192.35	0.19	192.87	5.24
191.32	0.00	191.84	0.09	192.36	0.22	192.88	5.38
191.33	0.00	191.85	0.09	192.37	0.26	192.89	5.52
191.34	0.00	191.86	0.10	192.38	0.30	192.90	5.66
191.35	0.00	191.87	0.10	192.39	0.34	192.91	5.80
191.36	0.00	191.88	0.10	192.40	0.40	192.92	5.95
191.37	0.00	191.89	0.10	192.41	0.45	192.93	6.09
191.38	0.00	191.90	0.10	192.42	0.51	192.94	6.24
191.39	0.00	191.91	0.10	192.43	0.57	192.95	6.38
191.40	0.00	191.92	0.10	192.44	0.63	192.96	6.53
191.41	0.00	191.93	0.10	192.45	0.70	192.97	6.68
191.42	0.00	191.94	0.11	192.46	0.77	192.98	6.83
191.43	0.00	191.95	0.11	192.47	0.84	192.99	6.98
191.44	0.00	191.96	0.11	192.48	0.91	193.00	7.13
191.45	0.00	191.97	0.11	192.49	0.99	193.01	7.29
191.46	0.00	191.98	0.11	192.50	1.07	193.02	7.44
191.47	0.00	191.99	0.11	192.51	1.15	193.03	7.59
191.48	0.01	192.00	0.11	192.52	1.24	193.04	7.75
191.49	0.01	192.01	0.11	192.53	1.32	193.05	7.91
191.50	0.01	192.02	0.12	192.54	1.41	193.06	8.06
191.51	0.01	192.03	0.12	192.55	1.50	193.07	8.22

Stage-Discharge for Pond B-34: Basin #34 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	8.38	193.60	13.35	194.12	14.48	194.64	46.44
193.09	8.54	193.61	13.37	194.13	14.50	194.65	47.78
193.10	8.70	193.62	13.40	194.14	14.52	194.66	49.16
193.11	8.87	193.63	13.42	194.15	14.54	194.67	50.57
193.12	9.03	193.64	13.44	194.16	14.56	194.68	52.01
193.13	9.19	193.65	13.46	194.17	14.58	194.69	53.47
193.14	9.36	193.66	13.49	194.18	14.60	194.70	54.96
193.15	9.52	193.67	13.51	194.19	14.62	194.71	56.48
193.16	9.69	193.68	13.53	194.20	14.64	194.72	58.02
193.17	9.86	193.69	13.55	194.21	14.67	194.73	59.59
193.18	10.03	193.70	13.57	194.22	14.69	194.74	61.18
193.19	10.19	193.71	13.60	194.23	14.71	194.75	62.80
193.20	10.36	193.72	13.62	194.24	14.73	194.76	64.45
193.21	10.54	193.73	13.64	194.25	14.75	194.77	66.12
193.22	10.71	193.74	13.66	194.26	14.89	194.78	67.83
193.23	10.88	193.75	13.69	194.27	15.12	194.79	69.55
193.24	11.05	193.76	13.71	194.28	15.42	194.80	71.31
193.25	11.23	193.77	13.73	194.29	15.77	194.81	73.09
193.26	11.40	193.78	13.75	194.30	16.16	194.82	74.89
193.27	11.58	193.79	13.77	194.31	16.59	194.83	76.73
193.28	11.75	193.80	13.80	194.32	17.06	194.84	78.59
193.29	11.93	193.81	13.82	194.33	17.57	194.85	80.48
193.30	12.11	193.82	13.84	194.34	18.10	194.86	82.12
193.31	12.29	193.83	13.86	194.35	18.67	194.87	83.78
193.32	12.47	193.84	13.88	194.36	19.26	194.88	85.46
193.33	12.65	193.85	13.90	194.37	19.88	194.89	87.14
193.34	12.75	193.86	13.93	194.38	20.53	194.90	88.84
193.35	12.77	193.87	13.95	194.39	21.20	194.91	90.56
193.36	12.80	193.88	13.97	194.40	21.90	194.92	92.28
193.37	12.82	193.89	13.99	194.41	22.62	194.93	94.02
193.38	12.84	193.90	14.01	194.42	23.36	194.94	95.77
193.39	12.87	193.91	14.03	194.43	24.12	194.95	97.54
193.40	12.89	193.92	14.06	194.44	24.91	194.96	99.31
193.41	12.91	193.93	14.08	194.45	25.72	194.97	101.10
193.42	12.94	193.94	14.10	194.46	26.58	194.98	102.91
193.43	12.96	193.95	14.12	194.47	27.48	194.99	104.72
193.44	12.98	193.96	14.14	194.48	28.39	195.00	106.55
193.45	13.01	193.97	14.16	194.49	29.34		
193.46	13.03	193.98	14.18	194.50	30.30		
193.47	13.05	193.99	14.21	194.51	31.30		
193.48	13.08	194.00	14.23	194.52	32.32		
193.49	13.10	194.01	14.25	194.53	33.36		
193.50	13.12	194.02	14.27	194.54	34.43		
193.51	13.14	194.03	14.29	194.55	35.52		
193.52	13.17	194.04	14.31	194.56	36.64		
193.53	13.19	194.05	14.33	194.57	37.78		
193.54	13.21	194.06	14.35	194.58	38.94		
193.55	13.24	194.07	14.37	194.59	40.13		
193.56	13.26	194.08	14.40	194.60	41.34		
193.57	13.28	194.09	14.42	194.61	42.58		
193.58	13.30	194.10	14.44	194.62	43.84		
193.59	13.33	194.11	14.46	194.63	45.13		

Stage-Area-Storage for Pond B-34: Basin #34

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	4,390	0	191.52	4,886	2,412
191.01	4,400	44	191.53	4,895	2,461
191.02	4,409	88	191.54	4,905	2,510
191.03	4,419	132	191.55	4,914	2,559
191.04	4,428	176	191.56	4,924	2,608
191.05	4,438	221	191.57	4,933	2,657
191.06	4,447	265	191.58	4,943	2,706
191.07	4,457	310	191.59	4,952	2,756
191.08	4,466	354	191.60	4,962	2,806
191.09	4,476	399	191.61	4,971	2,855
191.10	4,485	444	191.62	4,981	2,905
191.11	4,495	489	191.63	4,990	2,955
191.12	4,504	534	191.64	5,000	3,005
191.13	4,514	579	191.65	5,009	3,055
191.14	4,523	624	191.66	5,019	3,105
191.15	4,533	669	191.67	5,029	3,155
191.16	4,542	715	191.68	5,038	3,206
191.17	4,552	760	191.69	5,048	3,256
191.18	4,562	806	191.70	5,057	3,306
191.19	4,571	851	191.71	5,067	3,357
191.20	4,581	897	191.72	5,076	3,408
191.21	4,590	943	191.73	5,086	3,459
191.22	4,600	989	191.74	5,095	3,510
191.23	4,609	1,035	191.75	5,105	3,561
191.24	4,619	1,081	191.76	5,114	3,612
191.25	4,628	1,127	191.77	5,124	3,663
191.26	4,638	1,174	191.78	5,133	3,714
191.27	4,647	1,220	191.79	5,143	3,765
191.28	4,657	1,267	191.80	5,152	3,817
191.29	4,666	1,313	191.81	5,162	3,869
191.30	4,676	1,360	191.82	5,171	3,920
191.31	4,685	1,407	191.83	5,181	3,972
191.32	4,695	1,454	191.84	5,191	4,024
191.33	4,704	1,501	191.85	5,200	4,076
191.34	4,714	1,548	191.86	5,210	4,128
191.35	4,724	1,595	191.87	5,219	4,180
191.36	4,733	1,642	191.88	5,229	4,232
191.37	4,743	1,690	191.89	5,238	4,285
191.38	4,752	1,737	191.90	5,248	4,337
191.39	4,762	1,785	191.91	5,257	4,389
191.40	4,771	1,832	191.92	5,267	4,442
191.41	4,781	1,880	191.93	5,276	4,495
191.42	4,790	1,928	191.94	5,286	4,548
191.43	4,800	1,976	191.95	5,295	4,601
191.44	4,809	2,024	191.96	5,305	4,654
191.45	4,819	2,072	191.97	5,314	4,707
191.46	4,828	2,120	191.98	5,324	4,760
191.47	4,838	2,169	191.99	5,333	4,813
191.48	4,847	2,217	192.00	5,343	4,867
191.49	4,857	2,266	192.01	5,353	4,920
191.50	4,867	2,314	192.02	5,363	4,974
191.51	4,876	2,363	192.03	5,373	5,027

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,383	5,081	192.56	5,909	8,017
192.05	5,394	5,135	192.57	5,919	8,076
192.06	5,404	5,189	192.58	5,929	8,135
192.07	5,414	5,243	192.59	5,939	8,195
192.08	5,424	5,297	192.60	5,949	8,254
192.09	5,434	5,351	192.61	5,959	8,314
192.10	5,444	5,406	192.62	5,969	8,373
192.11	5,454	5,460	192.63	5,979	8,433
192.12	5,464	5,515	192.64	5,989	8,493
192.13	5,474	5,570	192.65	6,000	8,553
192.14	5,484	5,624	192.66	6,010	8,613
192.15	5,495	5,679	192.67	6,020	8,673
192.16	5,505	5,734	192.68	6,030	8,733
192.17	5,515	5,789	192.69	6,040	8,794
192.18	5,525	5,845	192.70	6,050	8,854
192.19	5,535	5,900	192.71	6,060	8,915
192.20	5,545	5,955	192.72	6,070	8,975
192.21	5,555	6,011	192.73	6,080	9,036
192.22	5,565	6,066	192.74	6,090	9,097
192.23	5,575	6,122	192.75	6,101	9,158
192.24	5,585	6,178	192.76	6,111	9,219
192.25	5,596	6,234	192.77	6,121	9,280
192.26	5,606	6,290	192.78	6,131	9,341
192.27	5,616	6,346	192.79	6,141	9,403
192.28	5,626	6,402	192.80	6,151	9,464
192.29	5,636	6,458	192.81	6,161	9,526
192.30	5,646	6,515	192.82	6,171	9,587
192.31	5,656	6,571	192.83	6,181	9,649
192.32	5,666	6,628	192.84	6,191	9,711
192.33	5,676	6,685	192.85	6,201	9,773
192.34	5,686	6,741	192.86	6,212	9,835
192.35	5,696	6,798	192.87	6,222	9,897
192.36	5,707	6,855	192.88	6,232	9,959
192.37	5,717	6,913	192.89	6,242	10,022
192.38	5,727	6,970	192.90	6,252	10,084
192.39	5,737	7,027	192.91	6,262	10,147
192.40	5,747	7,085	192.92	6,272	10,209
192.41	5,757	7,142	192.93	6,282	10,272
192.42	5,767	7,200	192.94	6,292	10,335
192.43	5,777	7,257	192.95	6,302	10,398
192.44	5,787	7,315	192.96	6,313	10,461
192.45	5,797	7,373	192.97	6,323	10,524
192.46	5,808	7,431	192.98	6,333	10,588
192.47	5,818	7,489	192.99	6,343	10,651
192.48	5,828	7,547	193.00	6,353	10,715
192.49	5,838	7,606	193.01	6,364	10,778
192.50	5,848	7,664	193.02	6,374	10,842
192.51	5,858	7,723	193.03	6,385	10,906
192.52	5,868	7,781	193.04	6,396	10,969
192.53	5,878	7,840	193.05	6,406	11,033
192.54	5,888	7,899	193.06	6,417	11,098
192.55	5,899	7,958	193.07	6,428	11,162

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,438	11,226	193.60	6,993	14,718
193.09	6,449	11,291	193.61	7,003	14,788
193.10	6,460	11,355	193.62	7,014	14,858
193.11	6,470	11,420	193.63	7,025	14,928
193.12	6,481	11,485	193.64	7,035	14,999
193.13	6,492	11,549	193.65	7,046	15,069
193.14	6,502	11,614	193.66	7,057	15,140
193.15	6,513	11,679	193.67	7,067	15,210
193.16	6,524	11,745	193.68	7,078	15,281
193.17	6,534	11,810	193.69	7,089	15,352
193.18	6,545	11,875	193.70	7,099	15,423
193.19	6,556	11,941	193.71	7,110	15,494
193.20	6,566	12,006	193.72	7,121	15,565
193.21	6,577	12,072	193.73	7,131	15,636
193.22	6,588	12,138	193.74	7,142	15,708
193.23	6,598	12,204	193.75	7,153	15,779
193.24	6,609	12,270	193.76	7,163	15,851
193.25	6,620	12,336	193.77	7,174	15,922
193.26	6,630	12,402	193.78	7,184	15,994
193.27	6,641	12,469	193.79	7,195	16,066
193.28	6,651	12,535	193.80	7,206	16,138
193.29	6,662	12,602	193.81	7,216	16,210
193.30	6,673	12,668	193.82	7,227	16,282
193.31	6,683	12,735	193.83	7,238	16,355
193.32	6,694	12,802	193.84	7,248	16,427
193.33	6,705	12,869	193.85	7,259	16,500
193.34	6,715	12,936	193.86	7,270	16,572
193.35	6,726	13,003	193.87	7,280	16,645
193.36	6,737	13,071	193.88	7,291	16,718
193.37	6,747	13,138	193.89	7,302	16,791
193.38	6,758	13,206	193.90	7,312	16,864
193.39	6,769	13,273	193.91	7,323	16,937
193.40	6,779	13,341	193.92	7,334	17,010
193.41	6,790	13,409	193.93	7,344	17,084
193.42	6,801	13,477	193.94	7,355	17,157
193.43	6,811	13,545	193.95	7,366	17,231
193.44	6,822	13,613	193.96	7,376	17,305
193.45	6,833	13,681	193.97	7,387	17,378
193.46	6,843	13,750	193.98	7,398	17,452
193.47	6,854	13,818	193.99	7,408	17,526
193.48	6,865	13,887	194.00	7,419	17,601
193.49	6,875	13,955	194.01	7,437	17,675
193.50	6,886	14,024	194.02	7,455	17,749
193.51	6,897	14,093	194.03	7,473	17,824
193.52	6,907	14,162	194.04	7,490	17,899
193.53	6,918	14,231	194.05	7,508	17,974
193.54	6,929	14,301	194.06	7,526	18,049
193.55	6,939	14,370	194.07	7,544	18,124
193.56	6,950	14,439	194.08	7,562	18,200
193.57	6,961	14,509	194.09	7,580	18,275
193.58	6,971	14,579	194.10	7,598	18,351
193.59	6,982	14,648	194.11	7,615	18,427

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	7,633	18,504	194.64	8,562	22,714
194.13	7,651	18,580	194.65	8,580	22,800
194.14	7,669	18,657	194.66	8,598	22,886
194.15	7,687	18,733	194.67	8,616	22,972
194.16	7,705	18,810	194.68	8,633	23,058
194.17	7,723	18,888	194.69	8,651	23,145
194.18	7,740	18,965	194.70	8,669	23,231
194.19	7,758	19,042	194.71	8,687	23,318
194.20	7,776	19,120	194.72	8,705	23,405
194.21	7,794	19,198	194.73	8,723	23,492
194.22	7,812	19,276	194.74	8,741	23,580
194.23	7,830	19,354	194.75	8,759	23,667
194.24	7,848	19,432	194.76	8,776	23,755
194.25	7,866	19,511	194.77	8,794	23,843
194.26	7,883	19,590	194.78	8,812	23,931
194.27	7,901	19,669	194.79	8,830	24,019
194.28	7,919	19,748	194.80	8,848	24,107
194.29	7,937	19,827	194.81	8,866	24,196
194.30	7,955	19,907	194.82	8,884	24,285
194.31	7,973	19,986	194.83	8,901	24,373
194.32	7,991	20,066	194.84	8,919	24,463
194.33	8,008	20,146	194.85	8,937	24,552
194.34	8,026	20,226	194.86	8,955	24,641
194.35	8,044	20,307	194.87	8,973	24,731
194.36	8,062	20,387	194.88	8,991	24,821
194.37	8,080	20,468	194.89	9,009	24,911
194.38	8,098	20,549	194.90	9,026	25,001
194.39	8,116	20,630	194.91	9,044	25,091
194.40	8,133	20,711	194.92	9,062	25,182
194.41	8,151	20,792	194.93	9,080	25,273
194.42	8,169	20,874	194.94	9,098	25,363
194.43	8,187	20,956	194.95	9,116	25,454
194.44	8,205	21,038	194.96	9,134	25,546
194.45	8,223	21,120	194.97	9,151	25,637
194.46	8,241	21,202	194.98	9,169	25,729
194.47	8,258	21,285	194.99	9,187	25,821
194.48	8,276	21,367	195.00	9,205	25,913
194.49	8,294	21,450			
194.50	8,312	21,533			
194.51	8,330	21,616			
194.52	8,348	21,700			
194.53	8,366	21,783			
194.54	8,383	21,867			
194.55	8,401	21,951			
194.56	8,419	22,035			
194.57	8,437	22,119			
194.58	8,455	22,204			
194.59	8,473	22,289			
194.60	8,491	22,373			
194.61	8,508	22,458			
194.62	8,526	22,544			
194.63	8,544	22,629			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 4.03" for Current 10 yr event
 Inflow = 7.77 cfs @ 12.17 hrs, Volume= 0.657 af
 Outflow = 3.00 cfs @ 12.40 hrs, Volume= 0.538 af, Atten= 61%, Lag= 13.8 min
 Primary = 3.00 cfs @ 12.40 hrs, Volume= 0.538 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.38' @ 12.40 hrs Surf.Area= 6,152 sf Storage= 14,646 cf

Plug-Flow detention time= 294.3 min calculated for 0.538 af (82% of inflow)
 Center-of-Mass det. time= 218.4 min (989.0 - 770.6)

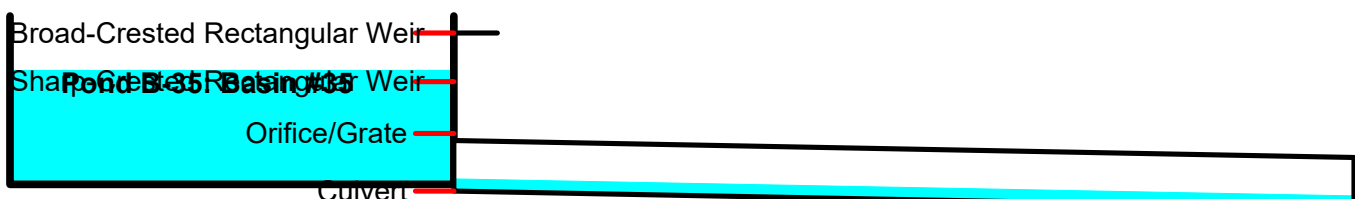
Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	26,166 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	2,647	0	0
191.00	3,593	3,120	3,120
192.00	4,618	4,106	7,226
193.00	5,711	5,165	12,390
194.00	6,871	6,291	18,681
195.00	8,099	7,485	26,166

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.51'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.05'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

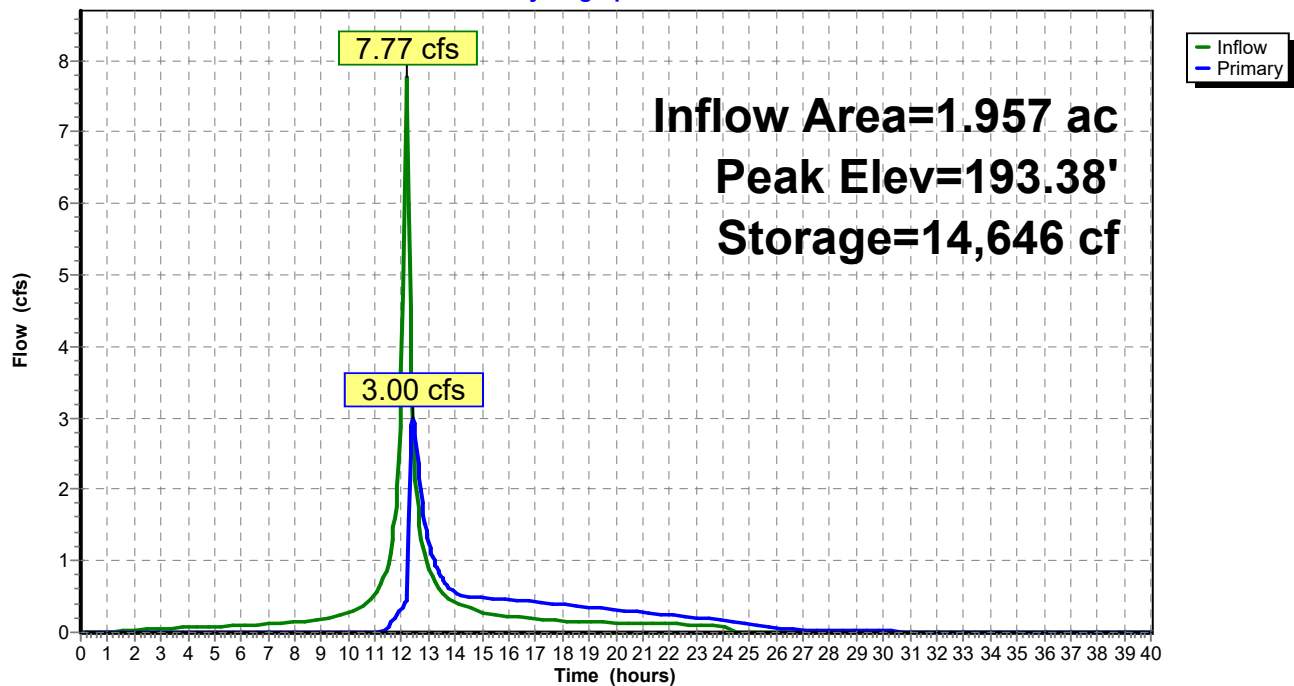
Primary OutFlow Max=2.99 cfs @ 12.40 hrs HW=193.38' (Free Discharge)

1=Culvert (Passes 2.99 cfs of 12.38 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.55 cfs @ 6.28 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.44 cfs @ 1.88 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-35: Basin #35

Hydrograph



Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.00	0	190.00	0.00
0.50	0.00	0	190.00	0.00
0.60	0.00	0	190.00	0.00
0.70	0.00	0	190.00	0.00
0.80	0.00	0	190.00	0.00
0.90	0.00	0	190.00	0.00
1.00	0.00	1	190.00	0.00
1.10	0.01	3	190.00	0.00
1.20	0.01	7	190.00	0.00
1.30	0.01	11	190.00	0.00
1.40	0.02	17	190.01	0.00
1.50	0.02	24	190.01	0.00
1.60	0.02	32	190.01	0.00
1.70	0.03	41	190.02	0.00
1.80	0.03	51	190.02	0.00
1.90	0.03	62	190.02	0.00
2.00	0.03	73	190.03	0.00
2.10	0.04	86	190.03	0.00
2.20	0.04	99	190.04	0.00
2.30	0.04	114	190.04	0.00
2.40	0.04	129	190.05	0.00
2.50	0.04	145	190.05	0.00
2.60	0.05	161	190.06	0.00
2.70	0.05	178	190.07	0.00
2.80	0.05	196	190.07	0.00
2.90	0.05	215	190.08	0.00
3.00	0.05	234	190.09	0.00
3.10	0.06	253	190.09	0.00
3.20	0.06	274	190.10	0.00
3.30	0.06	295	190.11	0.00
3.40	0.06	316	190.12	0.00
3.50	0.06	338	190.12	0.00
3.60	0.06	361	190.13	0.00
3.70	0.07	384	190.14	0.00
3.80	0.07	408	190.15	0.00
3.90	0.07	432	190.16	0.00
4.00	0.07	457	190.17	0.00
4.10	0.07	482	190.18	0.00
4.20	0.07	508	190.19	0.00
4.30	0.07	534	190.19	0.00
4.40	0.07	560	190.20	0.00
4.50	0.08	587	190.21	0.00
4.60	0.08	615	190.22	0.00
4.70	0.08	643	190.23	0.00
4.80	0.08	671	190.24	0.00
4.90	0.08	700	190.25	0.00
5.00	0.08	729	190.26	0.00
5.10	0.08	759	190.27	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	789	190.28	0.00
5.30	0.08	819	190.29	0.00
5.40	0.09	850	190.30	0.00
5.50	0.09	881	190.31	0.00
5.60	0.09	912	190.33	0.00
5.70	0.09	944	190.34	0.00
5.80	0.09	977	190.35	0.00
5.90	0.09	1,009	190.36	0.00
6.00	0.09	1,042	190.37	0.00
6.10	0.09	1,076	190.38	0.00
6.20	0.10	1,110	190.39	0.00
6.30	0.10	1,145	190.40	0.00
6.40	0.10	1,181	190.42	0.00
6.50	0.10	1,218	190.43	0.00
6.60	0.11	1,256	190.44	0.00
6.70	0.11	1,295	190.45	0.00
6.80	0.11	1,335	190.47	0.00
6.90	0.12	1,376	190.48	0.00
7.00	0.12	1,418	190.49	0.00
7.10	0.12	1,461	190.51	0.00
7.20	0.12	1,505	190.52	0.00
7.30	0.13	1,550	190.53	0.00
7.40	0.13	1,596	190.55	0.00
7.50	0.13	1,643	190.56	0.00
7.60	0.14	1,692	190.58	0.00
7.70	0.14	1,741	190.59	0.00
7.80	0.14	1,791	190.61	0.00
7.90	0.14	1,842	190.63	0.00
8.00	0.15	1,894	190.64	0.00
8.10	0.15	1,947	190.66	0.00
8.20	0.15	2,002	190.67	0.00
8.30	0.15	2,057	190.69	0.00
8.40	0.16	2,113	190.71	0.00
8.50	0.16	2,170	190.73	0.00
8.60	0.16	2,228	190.74	0.00
8.70	0.17	2,288	190.76	0.00
8.80	0.17	2,348	190.78	0.00
8.90	0.17	2,409	190.80	0.00
9.00	0.18	2,472	190.82	0.00
9.10	0.18	2,536	190.83	0.00
9.20	0.19	2,603	190.85	0.00
9.30	0.20	2,673	190.87	0.00
9.40	0.21	2,747	190.89	0.00
9.50	0.22	2,825	190.92	0.00
9.60	0.23	2,907	190.94	0.00
9.70	0.25	2,993	190.96	0.00
9.80	0.26	3,084	190.99	0.00
9.90	0.27	3,178	191.02	0.00
10.00	0.28	3,277	191.04	0.00
10.10	0.29	3,380	191.07	0.00
10.20	0.30	3,488	191.10	0.00
10.30	0.32	3,600	191.13	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,716	191.16	0.00
10.50	0.34	3,837	191.19	0.00
10.60	0.36	3,963	191.23	0.00
10.70	0.40	4,100	191.26	0.00
10.80	0.44	4,251	191.30	0.00
10.90	0.49	4,417	191.34	0.00
11.00	0.53	4,600	191.39	0.00
11.10	0.59	4,800	191.44	0.00
11.20	0.66	5,025	191.50	0.00
11.30	0.75	5,277	191.56	0.01
11.40	0.83	5,555	191.62	0.03
11.50	0.92	5,853	191.69	0.07
11.60	1.11	6,176	191.77	0.12
11.70	1.46	6,587	191.86	0.18
11.80	1.78	7,091	191.97	0.23
11.90	2.40	7,743	192.11	0.28
12.00	3.65	8,696	192.31	0.33
12.10	6.19	10,294	192.62	0.41
12.20	7.49	12,736	193.06	0.52
12.30	4.54	14,345	193.33	2.47
12.40	2.91	14,646	193.38	3.00
12.50	2.14	14,502	193.36	2.74
12.60	1.73	14,284	193.32	2.36
12.70	1.31	14,045	193.28	1.98
12.80	1.13	13,829	193.25	1.65
12.90	1.02	13,663	193.22	1.42
13.00	0.92	13,532	193.20	1.24
13.10	0.82	13,420	193.18	1.11
13.20	0.73	13,320	193.16	0.99
13.30	0.67	13,234	193.15	0.90
13.40	0.62	13,156	193.13	0.82
13.50	0.57	13,085	193.12	0.76
13.60	0.51	13,018	193.11	0.70
13.70	0.47	12,955	193.10	0.64
13.80	0.45	12,896	193.09	0.61
13.90	0.43	12,841	193.08	0.58
14.00	0.42	12,791	193.07	0.55
14.10	0.41	12,746	193.06	0.53
14.20	0.39	12,704	193.05	0.51
14.30	0.38	12,664	193.05	0.49
14.40	0.37	12,622	193.04	0.49
14.50	0.35	12,575	193.03	0.49
14.60	0.34	12,524	193.02	0.49
14.70	0.33	12,469	193.01	0.49
14.80	0.31	12,409	193.00	0.48
14.90	0.30	12,346	192.99	0.48
15.00	0.29	12,278	192.98	0.48
15.10	0.27	12,206	192.97	0.48
15.20	0.26	12,130	192.95	0.47
15.30	0.25	12,052	192.94	0.47
15.40	0.25	11,974	192.93	0.47
15.50	0.25	11,895	192.91	0.47

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.24	11,815	192.90	0.46
15.70	0.24	11,735	192.88	0.46
15.80	0.24	11,655	192.87	0.46
15.90	0.23	11,575	192.86	0.46
16.00	0.23	11,494	192.84	0.45
16.10	0.23	11,414	192.83	0.45
16.20	0.22	11,332	192.81	0.45
16.30	0.22	11,251	192.80	0.44
16.40	0.21	11,170	192.78	0.44
16.50	0.21	11,088	192.77	0.44
16.60	0.21	11,006	192.75	0.44
16.70	0.20	10,923	192.74	0.43
16.80	0.20	10,841	192.72	0.43
16.90	0.20	10,758	192.71	0.43
17.00	0.19	10,676	192.69	0.42
17.10	0.19	10,593	192.68	0.42
17.20	0.19	10,510	192.66	0.42
17.30	0.18	10,427	192.64	0.41
17.40	0.18	10,343	192.63	0.41
17.50	0.17	10,260	192.61	0.41
17.60	0.17	10,176	192.60	0.40
17.70	0.17	10,093	192.58	0.40
17.80	0.16	10,009	192.56	0.40
17.90	0.16	9,926	192.55	0.39
18.00	0.16	9,842	192.53	0.39
18.10	0.15	9,759	192.52	0.39
18.20	0.15	9,675	192.50	0.38
18.30	0.15	9,592	192.48	0.38
18.40	0.15	9,510	192.47	0.37
18.50	0.15	9,429	192.45	0.37
18.60	0.15	9,349	192.44	0.37
18.70	0.14	9,270	192.42	0.36
18.80	0.14	9,192	192.41	0.36
18.90	0.14	9,115	192.39	0.36
19.00	0.14	9,039	192.38	0.35
19.10	0.14	8,964	192.36	0.35
19.20	0.14	8,891	192.35	0.34
19.30	0.14	8,818	192.33	0.34
19.40	0.14	8,746	192.32	0.34
19.50	0.14	8,675	192.30	0.33
19.60	0.14	8,605	192.29	0.33
19.70	0.14	8,537	192.27	0.32
19.80	0.13	8,469	192.26	0.32
19.90	0.13	8,403	192.25	0.32
20.00	0.13	8,337	192.23	0.31
20.10	0.13	8,273	192.22	0.31
20.20	0.13	8,209	192.21	0.31
20.30	0.13	8,146	192.19	0.30
20.40	0.13	8,085	192.18	0.30
20.50	0.13	8,024	192.17	0.29
20.60	0.13	7,965	192.16	0.29
20.70	0.13	7,907	192.14	0.29

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	7,849	192.13	0.28
20.90	0.12	7,793	192.12	0.28
21.00	0.12	7,738	192.11	0.28
21.10	0.12	7,683	192.10	0.27
21.20	0.12	7,630	192.09	0.27
21.30	0.12	7,577	192.08	0.27
21.40	0.12	7,526	192.06	0.26
21.50	0.12	7,476	192.05	0.26
21.60	0.12	7,426	192.04	0.25
21.70	0.12	7,378	192.03	0.25
21.80	0.12	7,330	192.02	0.25
21.90	0.12	7,284	192.01	0.24
22.00	0.11	7,238	192.00	0.24
22.10	0.11	7,194	191.99	0.24
22.20	0.11	7,150	191.98	0.23
22.30	0.11	7,108	191.97	0.23
22.40	0.11	7,066	191.97	0.23
22.50	0.11	7,025	191.96	0.22
22.60	0.11	6,985	191.95	0.22
22.70	0.11	6,947	191.94	0.22
22.80	0.11	6,909	191.93	0.21
22.90	0.11	6,872	191.92	0.21
23.00	0.11	6,835	191.91	0.20
23.10	0.10	6,800	191.91	0.20
23.20	0.10	6,766	191.90	0.20
23.30	0.10	6,732	191.89	0.19
23.40	0.10	6,700	191.88	0.19
23.50	0.10	6,668	191.88	0.19
23.60	0.10	6,637	191.87	0.18
23.70	0.10	6,607	191.86	0.18
23.80	0.10	6,578	191.86	0.18
23.90	0.10	6,549	191.85	0.18
24.00	0.10	6,522	191.85	0.17
24.10	0.09	6,497	191.84	0.17
24.20	0.02	6,456	191.83	0.16
24.30	0.01	6,403	191.82	0.16
24.40	0.00	6,348	191.81	0.15
24.50	0.00	6,295	191.79	0.14
24.60	0.00	6,245	191.78	0.14
24.70	0.00	6,198	191.77	0.13
24.80	0.00	6,153	191.76	0.12
24.90	0.00	6,111	191.75	0.11
25.00	0.00	6,072	191.74	0.11
25.10	0.00	6,034	191.73	0.10
25.20	0.00	5,999	191.73	0.09
25.30	0.00	5,966	191.72	0.09
25.40	0.00	5,935	191.71	0.08
25.50	0.00	5,905	191.70	0.08
25.60	0.00	5,877	191.70	0.07
25.70	0.00	5,851	191.69	0.07
25.80	0.00	5,826	191.69	0.07
25.90	0.00	5,803	191.68	0.06

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,780	191.68	0.06
26.10	0.00	5,759	191.67	0.06
26.20	0.00	5,739	191.67	0.05
26.30	0.00	5,720	191.66	0.05
26.40	0.00	5,702	191.66	0.05
26.50	0.00	5,685	191.65	0.05
26.60	0.00	5,669	191.65	0.04
26.70	0.00	5,653	191.65	0.04
26.80	0.00	5,638	191.64	0.04
26.90	0.00	5,624	191.64	0.04
27.00	0.00	5,610	191.64	0.04
27.10	0.00	5,597	191.63	0.04
27.20	0.00	5,585	191.63	0.03
27.30	0.00	5,573	191.63	0.03
27.40	0.00	5,561	191.62	0.03
27.50	0.00	5,550	191.62	0.03
27.60	0.00	5,540	191.62	0.03
27.70	0.00	5,530	191.62	0.03
27.80	0.00	5,520	191.61	0.03
27.90	0.00	5,511	191.61	0.03
28.00	0.00	5,502	191.61	0.02
28.10	0.00	5,493	191.61	0.02
28.20	0.00	5,485	191.61	0.02
28.30	0.00	5,477	191.60	0.02
28.40	0.00	5,469	191.60	0.02
28.50	0.00	5,462	191.60	0.02
28.60	0.00	5,455	191.60	0.02
28.70	0.00	5,449	191.60	0.02
28.80	0.00	5,442	191.60	0.02
28.90	0.00	5,435	191.59	0.02
29.00	0.00	5,429	191.59	0.02
29.10	0.00	5,423	191.59	0.02
29.20	0.00	5,417	191.59	0.02
29.30	0.00	5,411	191.59	0.02
29.40	0.00	5,406	191.59	0.02
29.50	0.00	5,400	191.59	0.02
29.60	0.00	5,395	191.58	0.01
29.70	0.00	5,390	191.58	0.01
29.80	0.00	5,385	191.58	0.01
29.90	0.00	5,380	191.58	0.01
30.00	0.00	5,375	191.58	0.01
30.10	0.00	5,370	191.58	0.01
30.20	0.00	5,366	191.58	0.01
30.30	0.00	5,361	191.58	0.01
30.40	0.00	5,357	191.58	0.01
30.50	0.00	5,353	191.57	0.01
30.60	0.00	5,349	191.57	0.01
30.70	0.00	5,345	191.57	0.01
30.80	0.00	5,341	191.57	0.01
30.90	0.00	5,337	191.57	0.01
31.00	0.00	5,333	191.57	0.01
31.10	0.00	5,330	191.57	0.01

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,326	191.57	0.01
31.30	0.00	5,323	191.57	0.01
31.40	0.00	5,320	191.57	0.01
31.50	0.00	5,316	191.57	0.01
31.60	0.00	5,313	191.56	0.01
31.70	0.00	5,310	191.56	0.01
31.80	0.00	5,307	191.56	0.01
31.90	0.00	5,304	191.56	0.01
32.00	0.00	5,302	191.56	0.01
32.10	0.00	5,299	191.56	0.01
32.20	0.00	5,296	191.56	0.01
32.30	0.00	5,294	191.56	0.01
32.40	0.00	5,291	191.56	0.01
32.50	0.00	5,288	191.56	0.01
32.60	0.00	5,286	191.56	0.01
32.70	0.00	5,284	191.56	0.01
32.80	0.00	5,281	191.56	0.01
32.90	0.00	5,279	191.56	0.01
33.00	0.00	5,277	191.56	0.01
33.10	0.00	5,275	191.56	0.01
33.20	0.00	5,273	191.56	0.01
33.30	0.00	5,271	191.55	0.01
33.40	0.00	5,269	191.55	0.01
33.50	0.00	5,267	191.55	0.01
33.60	0.00	5,265	191.55	0.01
33.70	0.00	5,263	191.55	0.00
33.80	0.00	5,262	191.55	0.00
33.90	0.00	5,260	191.55	0.00
34.00	0.00	5,258	191.55	0.00
34.10	0.00	5,257	191.55	0.00
34.20	0.00	5,255	191.55	0.00
34.30	0.00	5,254	191.55	0.00
34.40	0.00	5,252	191.55	0.00
34.50	0.00	5,251	191.55	0.00
34.60	0.00	5,249	191.55	0.00
34.70	0.00	5,248	191.55	0.00
34.80	0.00	5,246	191.55	0.00
34.90	0.00	5,245	191.55	0.00
35.00	0.00	5,243	191.55	0.00
35.10	0.00	5,242	191.55	0.00
35.20	0.00	5,241	191.55	0.00
35.30	0.00	5,239	191.55	0.00
35.40	0.00	5,238	191.55	0.00
35.50	0.00	5,237	191.55	0.00
35.60	0.00	5,235	191.55	0.00
35.70	0.00	5,234	191.55	0.00
35.80	0.00	5,233	191.55	0.00
35.90	0.00	5,231	191.55	0.00
36.00	0.00	5,230	191.54	0.00
36.10	0.00	5,229	191.54	0.00
36.20	0.00	5,228	191.54	0.00
36.30	0.00	5,226	191.54	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,225	191.54	0.00
36.50	0.00	5,224	191.54	0.00
36.60	0.00	5,223	191.54	0.00
36.70	0.00	5,222	191.54	0.00
36.80	0.00	5,220	191.54	0.00
36.90	0.00	5,219	191.54	0.00
37.00	0.00	5,218	191.54	0.00
37.10	0.00	5,217	191.54	0.00
37.20	0.00	5,216	191.54	0.00
37.30	0.00	5,215	191.54	0.00
37.40	0.00	5,213	191.54	0.00
37.50	0.00	5,212	191.54	0.00
37.60	0.00	5,211	191.54	0.00
37.70	0.00	5,210	191.54	0.00
37.80	0.00	5,209	191.54	0.00
37.90	0.00	5,208	191.54	0.00
38.00	0.00	5,207	191.54	0.00
38.10	0.00	5,206	191.54	0.00
38.20	0.00	5,205	191.54	0.00
38.30	0.00	5,204	191.54	0.00
38.40	0.00	5,203	191.54	0.00
38.50	0.00	5,202	191.54	0.00
38.60	0.00	5,201	191.54	0.00
38.70	0.00	5,200	191.54	0.00
38.80	0.00	5,199	191.54	0.00
38.90	0.00	5,198	191.54	0.00
39.00	0.00	5,197	191.54	0.00
39.10	0.00	5,196	191.54	0.00
39.20	0.00	5,195	191.54	0.00
39.30	0.00	5,194	191.54	0.00
39.40	0.00	5,193	191.54	0.00
39.50	0.00	5,192	191.54	0.00
39.60	0.00	5,191	191.54	0.00
39.70	0.00	5,190	191.54	0.00
39.80	0.00	5,189	191.54	0.00
39.90	0.00	5,188	191.53	0.00
40.00	0.00	5,187	191.53	0.00

Stage-Discharge for Pond B-35: Basin #35

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.00	0.00	190.52	0.00	191.04	0.00	191.56	0.01
190.01	0.00	190.53	0.00	191.05	0.00	191.57	0.01
190.02	0.00	190.54	0.00	191.06	0.00	191.58	0.01
190.03	0.00	190.55	0.00	191.07	0.00	191.59	0.02
190.04	0.00	190.56	0.00	191.08	0.00	191.60	0.02
190.05	0.00	190.57	0.00	191.09	0.00	191.61	0.02
190.06	0.00	190.58	0.00	191.10	0.00	191.62	0.03
190.07	0.00	190.59	0.00	191.11	0.00	191.63	0.03
190.08	0.00	190.60	0.00	191.12	0.00	191.64	0.04
190.09	0.00	190.61	0.00	191.13	0.00	191.65	0.04
190.10	0.00	190.62	0.00	191.14	0.00	191.66	0.05
190.11	0.00	190.63	0.00	191.15	0.00	191.67	0.06
190.12	0.00	190.64	0.00	191.16	0.00	191.68	0.06
190.13	0.00	190.65	0.00	191.17	0.00	191.69	0.07
190.14	0.00	190.66	0.00	191.18	0.00	191.70	0.08
190.15	0.00	190.67	0.00	191.19	0.00	191.71	0.08
190.16	0.00	190.68	0.00	191.20	0.00	191.72	0.09
190.17	0.00	190.69	0.00	191.21	0.00	191.73	0.10
190.18	0.00	190.70	0.00	191.22	0.00	191.74	0.10
190.19	0.00	190.71	0.00	191.23	0.00	191.75	0.11
190.20	0.00	190.72	0.00	191.24	0.00	191.76	0.12
190.21	0.00	190.73	0.00	191.25	0.00	191.77	0.13
190.22	0.00	190.74	0.00	191.26	0.00	191.78	0.13
190.23	0.00	190.75	0.00	191.27	0.00	191.79	0.14
190.24	0.00	190.76	0.00	191.28	0.00	191.80	0.15
190.25	0.00	190.77	0.00	191.29	0.00	191.81	0.15
190.26	0.00	190.78	0.00	191.30	0.00	191.82	0.16
190.27	0.00	190.79	0.00	191.31	0.00	191.83	0.17
190.28	0.00	190.80	0.00	191.32	0.00	191.84	0.17
190.29	0.00	190.81	0.00	191.33	0.00	191.85	0.17
190.30	0.00	190.82	0.00	191.34	0.00	191.86	0.18
190.31	0.00	190.83	0.00	191.35	0.00	191.87	0.18
190.32	0.00	190.84	0.00	191.36	0.00	191.88	0.19
190.33	0.00	190.85	0.00	191.37	0.00	191.89	0.19
190.34	0.00	190.86	0.00	191.38	0.00	191.90	0.20
190.35	0.00	190.87	0.00	191.39	0.00	191.91	0.20
190.36	0.00	190.88	0.00	191.40	0.00	191.92	0.21
190.37	0.00	190.89	0.00	191.41	0.00	191.93	0.21
190.38	0.00	190.90	0.00	191.42	0.00	191.94	0.22
190.39	0.00	190.91	0.00	191.43	0.00	191.95	0.22
190.40	0.00	190.92	0.00	191.44	0.00	191.96	0.22
190.41	0.00	190.93	0.00	191.45	0.00	191.97	0.23
190.42	0.00	190.94	0.00	191.46	0.00	191.98	0.23
190.43	0.00	190.95	0.00	191.47	0.00	191.99	0.24
190.44	0.00	190.96	0.00	191.48	0.00	192.00	0.24
190.45	0.00	190.97	0.00	191.49	0.00	192.01	0.24
190.46	0.00	190.98	0.00	191.50	0.00	192.02	0.25
190.47	0.00	190.99	0.00	191.51	0.00	192.03	0.25
190.48	0.00	191.00	0.00	191.52	0.00	192.04	0.25
190.49	0.00	191.01	0.00	191.53	0.00	192.05	0.26
190.50	0.00	191.02	0.00	191.54	0.00	192.06	0.26
190.51	0.00	191.03	0.00	191.55	0.00	192.07	0.26

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.27	192.60	0.40	193.12	0.75	193.64	6.34
192.09	0.27	192.61	0.41	193.13	0.80	193.65	6.49
192.10	0.27	192.62	0.41	193.14	0.86	193.66	6.63
192.11	0.28	192.63	0.41	193.15	0.92	193.67	6.78
192.12	0.28	192.64	0.41	193.16	0.99	193.68	6.93
192.13	0.28	192.65	0.41	193.17	1.05	193.69	7.08
192.14	0.29	192.66	0.42	193.18	1.12	193.70	7.23
192.15	0.29	192.67	0.42	193.19	1.20	193.71	7.38
192.16	0.29	192.68	0.42	193.20	1.27	193.72	7.53
192.17	0.30	192.69	0.42	193.21	1.35	193.73	7.69
192.18	0.30	192.70	0.43	193.22	1.43	193.74	7.84
192.19	0.30	192.71	0.43	193.23	1.51	193.75	8.00
192.20	0.30	192.72	0.43	193.24	1.60	193.76	8.15
192.21	0.31	192.73	0.43	193.25	1.69	193.77	8.31
192.22	0.31	192.74	0.43	193.26	1.77	193.78	8.47
192.23	0.31	192.75	0.44	193.27	1.87	193.79	8.63
192.24	0.32	192.76	0.44	193.28	1.96	193.80	8.79
192.25	0.32	192.77	0.44	193.29	2.05	193.81	8.95
192.26	0.32	192.78	0.44	193.30	2.15	193.82	9.11
192.27	0.32	192.79	0.44	193.31	2.25	193.83	9.28
192.28	0.33	192.80	0.45	193.32	2.35	193.84	9.44
192.29	0.33	192.81	0.45	193.33	2.45	193.85	9.60
192.30	0.33	192.82	0.45	193.34	2.55	193.86	9.77
192.31	0.33	192.83	0.45	193.35	2.66	193.87	9.94
192.32	0.34	192.84	0.45	193.36	2.77	193.88	10.10
192.33	0.34	192.85	0.46	193.37	2.88	193.89	10.27
192.34	0.34	192.86	0.46	193.38	2.99	193.90	10.44
192.35	0.34	192.87	0.46	193.39	3.10	193.91	10.61
192.36	0.35	192.88	0.46	193.40	3.21	193.92	10.78
192.37	0.35	192.89	0.46	193.41	3.33	193.93	10.95
192.38	0.35	192.90	0.46	193.42	3.44	193.94	11.13
192.39	0.35	192.91	0.47	193.43	3.56	193.95	11.30
192.40	0.36	192.92	0.47	193.44	3.68	193.96	11.47
192.41	0.36	192.93	0.47	193.45	3.80	193.97	11.65
192.42	0.36	192.94	0.47	193.46	3.92	193.98	11.82
192.43	0.36	192.95	0.47	193.47	4.05	193.99	12.00
192.44	0.37	192.96	0.48	193.48	4.17	194.00	12.18
192.45	0.37	192.97	0.48	193.49	4.30	194.01	12.35
192.46	0.37	192.98	0.48	193.50	4.43	194.02	12.53
192.47	0.37	192.99	0.48	193.51	4.56	194.03	12.71
192.48	0.38	193.00	0.48	193.52	4.69	194.04	12.89
192.49	0.38	193.01	0.49	193.53	4.82	194.05	13.07
192.50	0.38	193.02	0.49	193.54	4.95	194.06	13.25
192.51	0.38	193.03	0.49	193.55	5.08	194.07	13.44
192.52	0.39	193.04	0.49	193.56	5.22	194.08	13.62
192.53	0.39	193.05	0.49	193.57	5.36	194.09	13.80
192.54	0.39	193.06	0.51	193.58	5.49	194.10	13.99
192.55	0.39	193.07	0.53	193.59	5.63	194.11	14.03
192.56	0.39	193.08	0.57	193.60	5.77	194.12	14.05
192.57	0.40	193.09	0.60	193.61	5.91	194.13	14.07
192.58	0.40	193.10	0.65	193.62	6.05	194.14	14.09
192.59	0.40	193.11	0.69	193.63	6.20	194.15	14.11

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	14.13	194.68	24.20
194.17	14.15	194.69	24.98
194.18	14.17	194.70	25.79
194.19	14.19	194.71	26.66
194.20	14.22	194.72	27.55
194.21	14.24	194.73	28.47
194.22	14.26	194.74	29.41
194.23	14.28	194.75	30.38
194.24	14.30	194.76	31.37
194.25	14.32	194.77	32.39
194.26	14.34	194.78	33.43
194.27	14.36	194.79	34.50
194.28	14.38	194.80	35.59
194.29	14.40	194.81	36.70
194.30	14.42	194.82	37.84
194.31	14.44	194.83	39.01
194.32	14.46	194.84	40.20
194.33	14.48	194.85	41.41
194.34	14.51	194.86	42.65
194.35	14.53	194.87	43.91
194.36	14.55	194.88	45.20
194.37	14.57	194.89	46.51
194.38	14.59	194.90	47.84
194.39	14.61	194.91	49.23
194.40	14.63	194.92	50.64
194.41	14.65	194.93	52.07
194.42	14.67	194.94	53.54
194.43	14.69	194.95	55.02
194.44	14.71	194.96	56.54
194.45	14.73	194.97	58.08
194.46	14.75	194.98	59.65
194.47	14.77	194.99	61.24
194.48	14.79	195.00	62.86
194.49	14.81		
194.50	14.83		
194.51	14.97		
194.52	15.20		
194.53	15.50		
194.54	15.85		
194.55	16.24		
194.56	16.67		
194.57	17.14		
194.58	17.65		
194.59	18.18		
194.60	18.75		
194.61	19.34		
194.62	19.96		
194.63	20.61		
194.64	21.28		
194.65	21.97		
194.66	22.69		
194.67	23.43		

Stage-Area-Storage for Pond B-35: Basin #35

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	2,647	0	190.52	3,139	1,504
190.01	2,656	27	190.53	3,148	1,536
190.02	2,666	53	190.54	3,158	1,567
190.03	2,675	80	190.55	3,167	1,599
190.04	2,685	107	190.56	3,177	1,631
190.05	2,694	134	190.57	3,186	1,662
190.06	2,704	161	190.58	3,196	1,694
190.07	2,713	188	190.59	3,205	1,726
190.08	2,723	215	190.60	3,215	1,758
190.09	2,732	242	190.61	3,224	1,791
190.10	2,742	269	190.62	3,234	1,823
190.11	2,751	297	190.63	3,243	1,855
190.12	2,761	324	190.64	3,252	1,888
190.13	2,770	352	190.65	3,262	1,920
190.14	2,779	380	190.66	3,271	1,953
190.15	2,789	408	190.67	3,281	1,986
190.16	2,798	436	190.68	3,290	2,019
190.17	2,808	464	190.69	3,300	2,052
190.18	2,817	492	190.70	3,309	2,085
190.19	2,827	520	190.71	3,319	2,118
190.20	2,836	548	190.72	3,328	2,151
190.21	2,846	577	190.73	3,338	2,184
190.22	2,855	605	190.74	3,347	2,218
190.23	2,865	634	190.75	3,357	2,251
190.24	2,874	663	190.76	3,366	2,285
190.25	2,884	691	190.77	3,375	2,319
190.26	2,893	720	190.78	3,385	2,352
190.27	2,902	749	190.79	3,394	2,386
190.28	2,912	778	190.80	3,404	2,420
190.29	2,921	807	190.81	3,413	2,454
190.30	2,931	837	190.82	3,423	2,489
190.31	2,940	866	190.83	3,432	2,523
190.32	2,950	895	190.84	3,442	2,557
190.33	2,959	925	190.85	3,451	2,592
190.34	2,969	955	190.86	3,461	2,626
190.35	2,978	984	190.87	3,470	2,661
190.36	2,988	1,014	190.88	3,479	2,696
190.37	2,997	1,044	190.89	3,489	2,730
190.38	3,006	1,074	190.90	3,498	2,765
190.39	3,016	1,104	190.91	3,508	2,800
190.40	3,025	1,134	190.92	3,517	2,836
190.41	3,035	1,165	190.93	3,527	2,871
190.42	3,044	1,195	190.94	3,536	2,906
190.43	3,054	1,226	190.95	3,546	2,942
190.44	3,063	1,256	190.96	3,555	2,977
190.45	3,073	1,287	190.97	3,565	3,013
190.46	3,082	1,318	190.98	3,574	3,048
190.47	3,092	1,349	190.99	3,584	3,084
190.48	3,101	1,380	191.00	3,593	3,120
190.49	3,111	1,411	191.01	3,603	3,156
190.50	3,120	1,442	191.02	3,614	3,192
190.51	3,129	1,473	191.03	3,624	3,228

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	3,634	3,265	191.56	4,167	5,293
191.05	3,644	3,301	191.57	4,177	5,335
191.06	3,655	3,337	191.58	4,188	5,376
191.07	3,665	3,374	191.59	4,198	5,418
191.08	3,675	3,411	191.60	4,208	5,460
191.09	3,685	3,448	191.61	4,218	5,502
191.10	3,695	3,484	191.62	4,229	5,545
191.11	3,706	3,521	191.63	4,239	5,587
191.12	3,716	3,559	191.64	4,249	5,629
191.13	3,726	3,596	191.65	4,259	5,672
191.14	3,736	3,633	191.66	4,269	5,715
191.15	3,747	3,670	191.67	4,280	5,757
191.16	3,757	3,708	191.68	4,290	5,800
191.17	3,767	3,746	191.69	4,300	5,843
191.18	3,778	3,783	191.70	4,310	5,886
191.19	3,788	3,821	191.71	4,321	5,929
191.20	3,798	3,859	191.72	4,331	5,973
191.21	3,808	3,897	191.73	4,341	6,016
191.22	3,818	3,935	191.74	4,352	6,059
191.23	3,829	3,974	191.75	4,362	6,103
191.24	3,839	4,012	191.76	4,372	6,147
191.25	3,849	4,050	191.77	4,382	6,190
191.26	3,859	4,089	191.78	4,393	6,234
191.27	3,870	4,127	191.79	4,403	6,278
191.28	3,880	4,166	191.80	4,413	6,322
191.29	3,890	4,205	191.81	4,423	6,367
191.30	3,901	4,244	191.82	4,433	6,411
191.31	3,911	4,283	191.83	4,444	6,455
191.32	3,921	4,322	191.84	4,454	6,500
191.33	3,931	4,362	191.85	4,464	6,544
191.34	3,942	4,401	191.86	4,475	6,589
191.35	3,952	4,440	191.87	4,485	6,634
191.36	3,962	4,480	191.88	4,495	6,679
191.37	3,972	4,520	191.89	4,505	6,724
191.38	3,982	4,559	191.90	4,516	6,769
191.39	3,993	4,599	191.91	4,526	6,814
191.40	4,003	4,639	191.92	4,536	6,859
191.41	4,013	4,679	191.93	4,546	6,905
191.42	4,023	4,719	191.94	4,556	6,950
191.43	4,034	4,760	191.95	4,567	6,996
191.44	4,044	4,800	191.96	4,577	7,042
191.45	4,054	4,841	191.97	4,587	7,087
191.46	4,065	4,881	191.98	4,597	7,133
191.47	4,075	4,922	191.99	4,608	7,179
191.48	4,085	4,963	192.00	4,618	7,226
191.49	4,095	5,004	192.01	4,629	7,272
191.50	4,106	5,045	192.02	4,640	7,318
191.51	4,116	5,086	192.03	4,651	7,365
191.52	4,126	5,127	192.04	4,662	7,411
191.53	4,136	5,168	192.05	4,673	7,458
191.54	4,146	5,210	192.06	4,684	7,505
191.55	4,157	5,251	192.07	4,695	7,551

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	4,705	7,598	192.60	5,274	10,193
192.09	4,716	7,646	192.61	5,285	10,246
192.10	4,727	7,693	192.62	5,296	10,299
192.11	4,738	7,740	192.63	5,307	10,352
192.12	4,749	7,788	192.64	5,318	10,405
192.13	4,760	7,835	192.65	5,328	10,458
192.14	4,771	7,883	192.66	5,339	10,511
192.15	4,782	7,930	192.67	5,350	10,565
192.16	4,793	7,978	192.68	5,361	10,618
192.17	4,804	8,026	192.69	5,372	10,672
192.18	4,815	8,074	192.70	5,383	10,726
192.19	4,826	8,123	192.71	5,394	10,780
192.20	4,837	8,171	192.72	5,405	10,834
192.21	4,848	8,219	192.73	5,416	10,888
192.22	4,858	8,268	192.74	5,427	10,942
192.23	4,869	8,317	192.75	5,438	10,996
192.24	4,880	8,365	192.76	5,449	11,051
192.25	4,891	8,414	192.77	5,460	11,105
192.26	4,902	8,463	192.78	5,471	11,160
192.27	4,913	8,512	192.79	5,481	11,215
192.28	4,924	8,561	192.80	5,492	11,270
192.29	4,935	8,611	192.81	5,503	11,325
192.30	4,946	8,660	192.82	5,514	11,380
192.31	4,957	8,710	192.83	5,525	11,435
192.32	4,968	8,759	192.84	5,536	11,490
192.33	4,979	8,809	192.85	5,547	11,546
192.34	4,990	8,859	192.86	5,558	11,601
192.35	5,001	8,909	192.87	5,569	11,657
192.36	5,011	8,959	192.88	5,580	11,713
192.37	5,022	9,009	192.89	5,591	11,768
192.38	5,033	9,059	192.90	5,602	11,824
192.39	5,044	9,110	192.91	5,613	11,880
192.40	5,055	9,160	192.92	5,624	11,937
192.41	5,066	9,211	192.93	5,634	11,993
192.42	5,077	9,261	192.94	5,645	12,049
192.43	5,088	9,312	192.95	5,656	12,106
192.44	5,099	9,363	192.96	5,667	12,162
192.45	5,110	9,414	192.97	5,678	12,219
192.46	5,121	9,465	192.98	5,689	12,276
192.47	5,132	9,517	192.99	5,700	12,333
192.48	5,143	9,568	193.00	5,711	12,390
192.49	5,154	9,620	193.01	5,723	12,447
192.50	5,165	9,671	193.02	5,734	12,504
192.51	5,175	9,723	193.03	5,746	12,562
192.52	5,186	9,775	193.04	5,757	12,619
192.53	5,197	9,827	193.05	5,769	12,677
192.54	5,208	9,879	193.06	5,781	12,735
192.55	5,219	9,931	193.07	5,792	12,793
192.56	5,230	9,983	193.08	5,804	12,851
192.57	5,241	10,035	193.09	5,815	12,909
192.58	5,252	10,088	193.10	5,827	12,967
192.59	5,263	10,140	193.11	5,839	13,025

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	5,850	13,084	193.64	6,453	16,283
193.13	5,862	13,142	193.65	6,465	16,347
193.14	5,873	13,201	193.66	6,477	16,412
193.15	5,885	13,260	193.67	6,488	16,477
193.16	5,897	13,319	193.68	6,500	16,542
193.17	5,908	13,378	193.69	6,511	16,607
193.18	5,920	13,437	193.70	6,523	16,672
193.19	5,931	13,496	193.71	6,535	16,737
193.20	5,943	13,555	193.72	6,546	16,803
193.21	5,955	13,615	193.73	6,558	16,868
193.22	5,966	13,674	193.74	6,569	16,934
193.23	5,978	13,734	193.75	6,581	17,000
193.24	5,989	13,794	193.76	6,593	17,065
193.25	6,001	13,854	193.77	6,604	17,131
193.26	6,013	13,914	193.78	6,616	17,197
193.27	6,024	13,974	193.79	6,627	17,264
193.28	6,036	14,035	193.80	6,639	17,330
193.29	6,047	14,095	193.81	6,651	17,396
193.30	6,059	14,156	193.82	6,662	17,463
193.31	6,071	14,216	193.83	6,674	17,530
193.32	6,082	14,277	193.84	6,685	17,596
193.33	6,094	14,338	193.85	6,697	17,663
193.34	6,105	14,399	193.86	6,709	17,730
193.35	6,117	14,460	193.87	6,720	17,798
193.36	6,129	14,521	193.88	6,732	17,865
193.37	6,140	14,582	193.89	6,743	17,932
193.38	6,152	14,644	193.90	6,755	18,000
193.39	6,163	14,706	193.91	6,767	18,067
193.40	6,175	14,767	193.92	6,778	18,135
193.41	6,187	14,829	193.93	6,790	18,203
193.42	6,198	14,891	193.94	6,801	18,271
193.43	6,210	14,953	193.95	6,813	18,339
193.44	6,221	15,015	193.96	6,825	18,407
193.45	6,233	15,077	193.97	6,836	18,475
193.46	6,245	15,140	193.98	6,848	18,544
193.47	6,256	15,202	193.99	6,859	18,612
193.48	6,268	15,265	194.00	6,871	18,681
193.49	6,279	15,328	194.01	6,883	18,750
193.50	6,291	15,391	194.02	6,896	18,819
193.51	6,303	15,453	194.03	6,908	18,888
193.52	6,314	15,517	194.04	6,920	18,957
193.53	6,326	15,580	194.05	6,932	19,026
193.54	6,337	15,643	194.06	6,945	19,095
193.55	6,349	15,707	194.07	6,957	19,165
193.56	6,361	15,770	194.08	6,969	19,235
193.57	6,372	15,834	194.09	6,982	19,304
193.58	6,384	15,897	194.10	6,994	19,374
193.59	6,395	15,961	194.11	7,006	19,444
193.60	6,407	16,025	194.12	7,018	19,514
193.61	6,419	16,090	194.13	7,031	19,585
193.62	6,430	16,154	194.14	7,043	19,655
193.63	6,442	16,218	194.15	7,055	19,725

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	7,067	19,796	194.68	7,706	23,637
194.17	7,080	19,867	194.69	7,718	23,714
194.18	7,092	19,938	194.70	7,731	23,792
194.19	7,104	20,009	194.71	7,743	23,869
194.20	7,117	20,080	194.72	7,755	23,946
194.21	7,129	20,151	194.73	7,767	24,024
194.22	7,141	20,222	194.74	7,780	24,102
194.23	7,153	20,294	194.75	7,792	24,180
194.24	7,166	20,365	194.76	7,804	24,258
194.25	7,178	20,437	194.77	7,817	24,336
194.26	7,190	20,509	194.78	7,829	24,414
194.27	7,203	20,581	194.79	7,841	24,492
194.28	7,215	20,653	194.80	7,853	24,571
194.29	7,227	20,725	194.81	7,866	24,649
194.30	7,239	20,798	194.82	7,878	24,728
194.31	7,252	20,870	194.83	7,890	24,807
194.32	7,264	20,943	194.84	7,903	24,886
194.33	7,276	21,015	194.85	7,915	24,965
194.34	7,289	21,088	194.86	7,927	25,044
194.35	7,301	21,161	194.87	7,939	25,124
194.36	7,313	21,234	194.88	7,952	25,203
194.37	7,325	21,307	194.89	7,964	25,283
194.38	7,338	21,381	194.90	7,976	25,362
194.39	7,350	21,454	194.91	7,988	25,442
194.40	7,362	21,528	194.92	8,001	25,522
194.41	7,374	21,601	194.93	8,013	25,602
194.42	7,387	21,675	194.94	8,025	25,682
194.43	7,399	21,749	194.95	8,038	25,763
194.44	7,411	21,823	194.96	8,050	25,843
194.45	7,424	21,897	194.97	8,062	25,924
194.46	7,436	21,972	194.98	8,074	26,004
194.47	7,448	22,046	194.99	8,087	26,085
194.48	7,460	22,121	195.00	8,099	26,166
194.49	7,473	22,195			
194.50	7,485	22,270			
194.51	7,497	22,345			
194.52	7,510	22,420			
194.53	7,522	22,495			
194.54	7,534	22,570			
194.55	7,546	22,646			
194.56	7,559	22,721			
194.57	7,571	22,797			
194.58	7,583	22,873			
194.59	7,596	22,949			
194.60	7,608	23,025			
194.61	7,620	23,101			
194.62	7,632	23,177			
194.63	7,645	23,253			
194.64	7,657	23,330			
194.65	7,669	23,407			
194.66	7,681	23,483			
194.67	7,694	23,560			

Summary for Pond B-36A: Basin #36A

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 3.40" for Current 10 yr event
 Inflow = 8.23 cfs @ 12.17 hrs, Volume= 0.673 af
 Outflow = 4.84 cfs @ 12.31 hrs, Volume= 0.580 af, Atten= 41%, Lag= 8.4 min
 Primary = 4.84 cfs @ 12.31 hrs, Volume= 0.580 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.48' @ 12.31 hrs Surf.Area= 4,808 sf Storage= 12,291 cf

Plug-Flow detention time= 225.1 min calculated for 0.579 af (86% of inflow)
 Center-of-Mass det. time= 160.5 min (951.5 - 791.0)

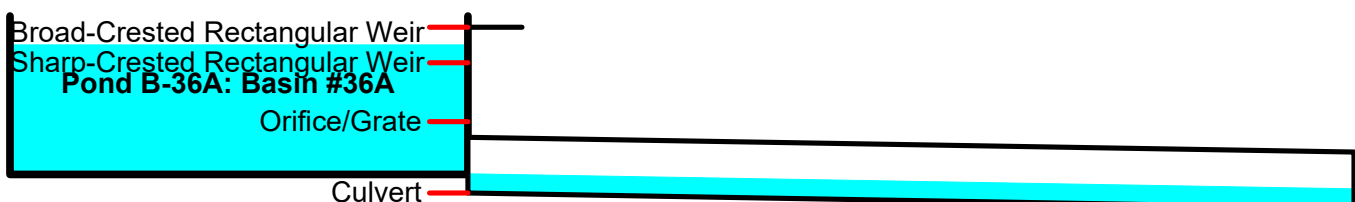
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,253 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,366	0	0
192.00	2,995	2,681	2,681
193.00	3,681	3,338	6,019
194.00	4,424	4,053	10,071
195.00	5,223	4,824	14,895
195.25	5,644	1,358	16,253

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.42'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

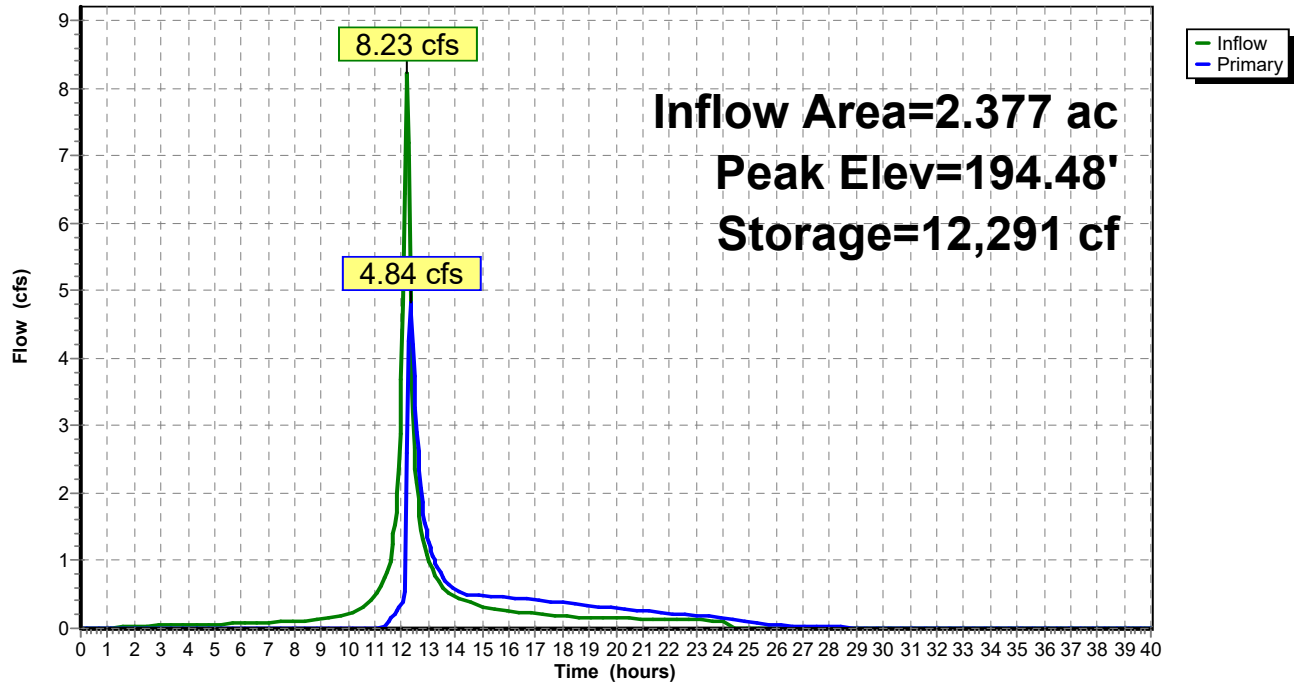
Primary OutFlow Max=4.76 cfs @ 12.31 hrs HW=194.48' (Free Discharge)

- 1=Culvert (Passes 4.76 cfs of 13.88 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.58 cfs @ 6.62 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 4.19 cfs @ 2.26 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36A: Basin #36A

Hydrograph



Hydrograph for Pond B-36A: Basin #36A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	1	191.00	0.00
1.10	0.01	2	191.00	0.00
1.20	0.01	5	191.00	0.00
1.30	0.01	8	191.00	0.00
1.40	0.01	13	191.01	0.00
1.50	0.02	18	191.01	0.00
1.60	0.02	24	191.01	0.00
1.70	0.02	30	191.01	0.00
1.80	0.02	38	191.02	0.00
1.90	0.02	46	191.02	0.00
2.00	0.03	54	191.02	0.00
2.10	0.03	64	191.03	0.00
2.20	0.03	73	191.03	0.00
2.30	0.03	84	191.04	0.00
2.40	0.03	95	191.04	0.00
2.50	0.03	107	191.04	0.00
2.60	0.03	119	191.05	0.00
2.70	0.04	132	191.06	0.00
2.80	0.04	145	191.06	0.00
2.90	0.04	158	191.07	0.00
3.00	0.04	173	191.07	0.00
3.10	0.04	187	191.08	0.00
3.20	0.04	202	191.08	0.00
3.30	0.04	218	191.09	0.00
3.40	0.04	233	191.10	0.00
3.50	0.05	250	191.10	0.00
3.60	0.05	267	191.11	0.00
3.70	0.05	284	191.12	0.00
3.80	0.05	301	191.13	0.00
3.90	0.05	319	191.13	0.00
4.00	0.05	337	191.14	0.00
4.10	0.05	356	191.15	0.00
4.20	0.05	375	191.16	0.00
4.30	0.05	394	191.16	0.00
4.40	0.06	414	191.17	0.00
4.50	0.06	434	191.18	0.00
4.60	0.06	454	191.19	0.00
4.70	0.06	475	191.20	0.00
4.80	0.06	495	191.20	0.00
4.90	0.06	517	191.21	0.00
5.00	0.06	538	191.22	0.00
5.10	0.06	560	191.23	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	582	191.24	0.00
5.30	0.06	605	191.25	0.00
5.40	0.06	627	191.26	0.00
5.50	0.06	650	191.27	0.00
5.60	0.07	674	191.27	0.00
5.70	0.07	697	191.28	0.00
5.80	0.07	721	191.29	0.00
5.90	0.07	745	191.30	0.00
6.00	0.07	770	191.31	0.00
6.10	0.07	794	191.32	0.00
6.20	0.07	820	191.33	0.00
6.30	0.07	845	191.34	0.00
6.40	0.07	872	191.35	0.00
6.50	0.08	899	191.36	0.00
6.60	0.08	927	191.37	0.00
6.70	0.08	956	191.38	0.00
6.80	0.08	986	191.40	0.00
6.90	0.08	1,016	191.41	0.00
7.00	0.09	1,047	191.42	0.00
7.10	0.09	1,079	191.43	0.00
7.20	0.09	1,111	191.44	0.00
7.30	0.09	1,145	191.46	0.00
7.40	0.10	1,179	191.47	0.00
7.50	0.10	1,213	191.48	0.00
7.60	0.10	1,249	191.50	0.00
7.70	0.10	1,285	191.51	0.00
7.80	0.10	1,322	191.52	0.00
7.90	0.11	1,360	191.54	0.00
8.00	0.11	1,398	191.55	0.00
8.10	0.11	1,438	191.57	0.00
8.20	0.11	1,478	191.58	0.00
8.30	0.11	1,519	191.59	0.00
8.40	0.12	1,560	191.61	0.00
8.50	0.12	1,602	191.63	0.00
8.60	0.12	1,645	191.64	0.00
8.70	0.12	1,689	191.66	0.00
8.80	0.12	1,734	191.67	0.00
8.90	0.13	1,779	191.69	0.00
9.00	0.13	1,826	191.71	0.00
9.10	0.14	1,873	191.72	0.00
9.20	0.14	1,924	191.74	0.00
9.30	0.15	1,977	191.76	0.00
9.40	0.16	2,034	191.78	0.00
9.50	0.17	2,094	191.80	0.00
9.60	0.18	2,158	191.82	0.00
9.70	0.19	2,226	191.85	0.00
9.80	0.20	2,297	191.87	0.00
9.90	0.22	2,373	191.90	0.00
10.00	0.23	2,452	191.92	0.00
10.10	0.24	2,536	191.95	0.00
10.20	0.25	2,624	191.98	0.00
10.30	0.26	2,716	192.01	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.28	2,813	192.04	0.00
10.50	0.29	2,915	192.08	0.00
10.60	0.31	3,021	192.11	0.00
10.70	0.34	3,138	192.15	0.00
10.80	0.38	3,268	192.19	0.00
10.90	0.42	3,413	192.24	0.00
11.00	0.47	3,573	192.29	0.00
11.10	0.52	3,750	192.34	0.00
11.20	0.59	3,951	192.41	0.00
11.30	0.68	4,179	192.47	0.01
11.40	0.77	4,430	192.55	0.04
11.50	0.85	4,699	192.63	0.09
11.60	1.05	4,992	192.71	0.15
11.70	1.40	5,371	192.82	0.20
11.80	1.72	5,844	192.95	0.25
11.90	2.37	6,471	193.12	0.31
12.00	3.69	7,412	193.37	0.37
12.10	6.44	9,042	193.76	0.46
12.20	7.98	11,402	194.29	2.60
12.30	4.90	12,282	194.48	4.81
12.40	3.18	12,060	194.43	4.21
12.50	2.35	11,694	194.36	3.28
12.60	1.92	11,410	194.29	2.61
12.70	1.45	11,166	194.24	2.08
12.80	1.25	10,973	194.20	1.70
12.90	1.13	10,838	194.17	1.45
13.00	1.02	10,737	194.15	1.27
13.10	0.92	10,653	194.13	1.14
13.20	0.82	10,577	194.11	1.02
13.30	0.75	10,511	194.10	0.92
13.40	0.69	10,453	194.09	0.85
13.50	0.64	10,399	194.07	0.78
13.60	0.58	10,349	194.06	0.72
13.70	0.53	10,299	194.05	0.67
13.80	0.51	10,253	194.04	0.63
13.90	0.49	10,213	194.03	0.59
14.00	0.47	10,179	194.02	0.56
14.10	0.46	10,150	194.02	0.53
14.20	0.44	10,123	194.01	0.52
14.30	0.43	10,094	194.01	0.51
14.40	0.41	10,065	194.00	0.50
14.50	0.40	10,032	193.99	0.50
14.60	0.38	9,994	193.98	0.50
14.70	0.37	9,951	193.97	0.49
14.80	0.35	9,903	193.96	0.49
14.90	0.34	9,850	193.95	0.49
15.00	0.32	9,793	193.94	0.49
15.10	0.31	9,731	193.92	0.49
15.20	0.30	9,665	193.91	0.48
15.30	0.29	9,597	193.89	0.48
15.40	0.28	9,528	193.88	0.48
15.50	0.28	9,458	193.86	0.47

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	9,388	193.84	0.47
15.70	0.27	9,317	193.83	0.47
15.80	0.27	9,247	193.81	0.46
15.90	0.26	9,175	193.79	0.46
16.00	0.26	9,104	193.78	0.46
16.10	0.26	9,032	193.76	0.46
16.20	0.25	8,960	193.74	0.45
16.30	0.25	8,888	193.73	0.45
16.40	0.24	8,816	193.71	0.45
16.50	0.24	8,743	193.69	0.44
16.60	0.24	8,670	193.67	0.44
16.70	0.23	8,597	193.66	0.43
16.80	0.23	8,524	193.64	0.43
16.90	0.22	8,451	193.62	0.43
17.00	0.22	8,377	193.60	0.42
17.10	0.22	8,304	193.59	0.42
17.20	0.21	8,230	193.57	0.42
17.30	0.21	8,156	193.55	0.41
17.40	0.20	8,082	193.53	0.41
17.50	0.20	8,008	193.51	0.40
17.60	0.19	7,934	193.50	0.40
17.70	0.19	7,860	193.48	0.40
17.80	0.19	7,786	193.46	0.39
17.90	0.18	7,712	193.44	0.39
18.00	0.18	7,638	193.42	0.38
18.10	0.17	7,564	193.40	0.38
18.20	0.17	7,490	193.38	0.38
18.30	0.17	7,417	193.37	0.37
18.40	0.17	7,345	193.35	0.37
18.50	0.17	7,274	193.33	0.36
18.60	0.17	7,204	193.31	0.36
18.70	0.16	7,136	193.29	0.35
18.80	0.16	7,068	193.28	0.35
18.90	0.16	7,002	193.26	0.34
19.00	0.16	6,937	193.24	0.34
19.10	0.16	6,874	193.23	0.34
19.20	0.16	6,811	193.21	0.33
19.30	0.16	6,750	193.19	0.33
19.40	0.16	6,690	193.18	0.32
19.50	0.16	6,631	193.16	0.32
19.60	0.16	6,573	193.15	0.31
19.70	0.15	6,516	193.13	0.31
19.80	0.15	6,461	193.12	0.31
19.90	0.15	6,406	193.10	0.30
20.00	0.15	6,353	193.09	0.30
20.10	0.15	6,301	193.08	0.29
20.20	0.15	6,250	193.06	0.29
20.30	0.15	6,200	193.05	0.29
20.40	0.15	6,152	193.04	0.28
20.50	0.15	6,104	193.02	0.28
20.60	0.15	6,057	193.01	0.27
20.70	0.15	6,012	193.00	0.27

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	5,968	192.99	0.27
20.90	0.14	5,924	192.97	0.26
21.00	0.14	5,882	192.96	0.26
21.10	0.14	5,841	192.95	0.25
21.20	0.14	5,801	192.94	0.25
21.30	0.14	5,761	192.93	0.25
21.40	0.14	5,723	192.92	0.24
21.50	0.14	5,686	192.91	0.24
21.60	0.14	5,650	192.90	0.23
21.70	0.13	5,615	192.89	0.23
21.80	0.13	5,580	192.88	0.23
21.90	0.13	5,547	192.87	0.22
22.00	0.13	5,515	192.86	0.22
22.10	0.13	5,483	192.85	0.22
22.20	0.13	5,453	192.84	0.21
22.30	0.13	5,423	192.84	0.21
22.40	0.13	5,394	192.83	0.21
22.50	0.13	5,366	192.82	0.20
22.60	0.13	5,339	192.81	0.20
22.70	0.12	5,313	192.80	0.20
22.80	0.12	5,288	192.80	0.19
22.90	0.12	5,263	192.79	0.19
23.00	0.12	5,239	192.78	0.19
23.10	0.12	5,216	192.78	0.18
23.20	0.12	5,193	192.77	0.18
23.30	0.12	5,171	192.76	0.18
23.40	0.12	5,150	192.76	0.17
23.50	0.12	5,130	192.75	0.17
23.60	0.11	5,110	192.75	0.17
23.70	0.11	5,091	192.74	0.17
23.80	0.11	5,072	192.74	0.16
23.90	0.11	5,054	192.73	0.16
24.00	0.12	5,038	192.73	0.16
24.10	0.10	5,023	192.72	0.15
24.20	0.03	4,990	192.71	0.15
24.30	0.01	4,944	192.70	0.14
24.40	0.00	4,896	192.69	0.13
24.50	0.00	4,851	192.67	0.12
24.60	0.00	4,809	192.66	0.11
24.70	0.00	4,770	192.65	0.10
24.80	0.00	4,733	192.64	0.10
24.90	0.00	4,700	192.63	0.09
25.00	0.00	4,669	192.62	0.08
25.10	0.00	4,640	192.61	0.08
25.20	0.00	4,613	192.60	0.07
25.30	0.00	4,588	192.60	0.07
25.40	0.00	4,565	192.59	0.06
25.50	0.00	4,543	192.58	0.06
25.60	0.00	4,522	192.58	0.05
25.70	0.00	4,503	192.57	0.05
25.80	0.00	4,485	192.57	0.05
25.90	0.00	4,469	192.56	0.05

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,453	192.56	0.04
26.10	0.00	4,438	192.55	0.04
26.20	0.00	4,424	192.55	0.04
26.30	0.00	4,410	192.54	0.04
26.40	0.00	4,398	192.54	0.03
26.50	0.00	4,386	192.54	0.03
26.60	0.00	4,375	192.53	0.03
26.70	0.00	4,364	192.53	0.03
26.80	0.00	4,354	192.53	0.03
26.90	0.00	4,345	192.52	0.03
27.00	0.00	4,336	192.52	0.02
27.10	0.00	4,327	192.52	0.02
27.20	0.00	4,318	192.52	0.02
27.30	0.00	4,310	192.51	0.02
27.40	0.00	4,303	192.51	0.02
27.50	0.00	4,295	192.51	0.02
27.60	0.00	4,288	192.51	0.02
27.70	0.00	4,281	192.51	0.02
27.80	0.00	4,275	192.50	0.02
27.90	0.00	4,269	192.50	0.02
28.00	0.00	4,263	192.50	0.02
28.10	0.00	4,257	192.50	0.02
28.20	0.00	4,252	192.50	0.01
28.30	0.00	4,247	192.49	0.01
28.40	0.00	4,242	192.49	0.01
28.50	0.00	4,237	192.49	0.01
28.60	0.00	4,232	192.49	0.01
28.70	0.00	4,228	192.49	0.01
28.80	0.00	4,224	192.49	0.01
28.90	0.00	4,220	192.49	0.01
29.00	0.00	4,216	192.49	0.01
29.10	0.00	4,212	192.48	0.01
29.20	0.00	4,208	192.48	0.01
29.30	0.00	4,205	192.48	0.01
29.40	0.00	4,201	192.48	0.01
29.50	0.00	4,198	192.48	0.01
29.60	0.00	4,194	192.48	0.01
29.70	0.00	4,191	192.48	0.01
29.80	0.00	4,188	192.48	0.01
29.90	0.00	4,184	192.48	0.01
30.00	0.00	4,181	192.48	0.01
30.10	0.00	4,178	192.47	0.01
30.20	0.00	4,175	192.47	0.01
30.30	0.00	4,173	192.47	0.01
30.40	0.00	4,170	192.47	0.01
30.50	0.00	4,167	192.47	0.01
30.60	0.00	4,164	192.47	0.01
30.70	0.00	4,162	192.47	0.01
30.80	0.00	4,159	192.47	0.01
30.90	0.00	4,157	192.47	0.01
31.00	0.00	4,155	192.47	0.01
31.10	0.00	4,152	192.47	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,150	192.47	0.01
31.30	0.00	4,148	192.47	0.01
31.40	0.00	4,145	192.46	0.01
31.50	0.00	4,143	192.46	0.01
31.60	0.00	4,141	192.46	0.01
31.70	0.00	4,139	192.46	0.01
31.80	0.00	4,137	192.46	0.01
31.90	0.00	4,135	192.46	0.01
32.00	0.00	4,133	192.46	0.01
32.10	0.00	4,132	192.46	0.01
32.20	0.00	4,130	192.46	0.00
32.30	0.00	4,128	192.46	0.00
32.40	0.00	4,126	192.46	0.00
32.50	0.00	4,125	192.46	0.00
32.60	0.00	4,123	192.46	0.00
32.70	0.00	4,122	192.46	0.00
32.80	0.00	4,120	192.46	0.00
32.90	0.00	4,118	192.46	0.00
33.00	0.00	4,117	192.46	0.00
33.10	0.00	4,116	192.46	0.00
33.20	0.00	4,114	192.45	0.00
33.30	0.00	4,113	192.45	0.00
33.40	0.00	4,111	192.45	0.00
33.50	0.00	4,110	192.45	0.00
33.60	0.00	4,109	192.45	0.00
33.70	0.00	4,108	192.45	0.00
33.80	0.00	4,106	192.45	0.00
33.90	0.00	4,105	192.45	0.00
34.00	0.00	4,104	192.45	0.00
34.10	0.00	4,103	192.45	0.00
34.20	0.00	4,102	192.45	0.00
34.30	0.00	4,101	192.45	0.00
34.40	0.00	4,100	192.45	0.00
34.50	0.00	4,099	192.45	0.00
34.60	0.00	4,098	192.45	0.00
34.70	0.00	4,097	192.45	0.00
34.80	0.00	4,096	192.45	0.00
34.90	0.00	4,095	192.45	0.00
35.00	0.00	4,094	192.45	0.00
35.10	0.00	4,093	192.45	0.00
35.20	0.00	4,092	192.45	0.00
35.30	0.00	4,091	192.45	0.00
35.40	0.00	4,091	192.45	0.00
35.50	0.00	4,090	192.45	0.00
35.60	0.00	4,089	192.45	0.00
35.70	0.00	4,088	192.45	0.00
35.80	0.00	4,088	192.45	0.00
35.90	0.00	4,087	192.45	0.00
36.00	0.00	4,086	192.45	0.00
36.10	0.00	4,085	192.45	0.00
36.20	0.00	4,085	192.45	0.00
36.30	0.00	4,084	192.45	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,083	192.45	0.00
36.50	0.00	4,083	192.45	0.00
36.60	0.00	4,082	192.45	0.00
36.70	0.00	4,082	192.45	0.00
36.80	0.00	4,081	192.44	0.00
36.90	0.00	4,080	192.44	0.00
37.00	0.00	4,080	192.44	0.00
37.10	0.00	4,079	192.44	0.00
37.20	0.00	4,079	192.44	0.00
37.30	0.00	4,078	192.44	0.00
37.40	0.00	4,078	192.44	0.00
37.50	0.00	4,077	192.44	0.00
37.60	0.00	4,077	192.44	0.00
37.70	0.00	4,076	192.44	0.00
37.80	0.00	4,076	192.44	0.00
37.90	0.00	4,075	192.44	0.00
38.00	0.00	4,074	192.44	0.00
38.10	0.00	4,074	192.44	0.00
38.20	0.00	4,073	192.44	0.00
38.30	0.00	4,073	192.44	0.00
38.40	0.00	4,072	192.44	0.00
38.50	0.00	4,072	192.44	0.00
38.60	0.00	4,071	192.44	0.00
38.70	0.00	4,071	192.44	0.00
38.80	0.00	4,070	192.44	0.00
38.90	0.00	4,070	192.44	0.00
39.00	0.00	4,069	192.44	0.00
39.10	0.00	4,069	192.44	0.00
39.20	0.00	4,068	192.44	0.00
39.30	0.00	4,068	192.44	0.00
39.40	0.00	4,067	192.44	0.00
39.50	0.00	4,067	192.44	0.00
39.60	0.00	4,066	192.44	0.00
39.70	0.00	4,066	192.44	0.00
39.80	0.00	4,065	192.44	0.00
39.90	0.00	4,065	192.44	0.00
40.00	0.00	4,065	192.44	0.00

Stage-Discharge for Pond B-36A: Basin #36A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.04
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.05
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.06
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.06
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.07
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.08
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.08
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.09
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.10
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.10
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.11
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.12
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.13
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.13
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.14
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.15
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.15
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.16
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.17
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.17
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.17
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.18
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.18
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.19
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.19
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.20
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.20
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.21
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.21
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.22
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.22
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.22
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.23
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.23
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.24
191.35	0.00	191.87	0.00	192.39	0.00	192.91	0.24
191.36	0.00	191.88	0.00	192.40	0.00	192.92	0.24
191.37	0.00	191.89	0.00	192.41	0.00	192.93	0.25
191.38	0.00	191.90	0.00	192.42	0.00	192.94	0.25
191.39	0.00	191.91	0.00	192.43	0.00	192.95	0.25
191.40	0.00	191.92	0.00	192.44	0.00	192.96	0.26
191.41	0.00	191.93	0.00	192.45	0.00	192.97	0.26
191.42	0.00	191.94	0.00	192.46	0.00	192.98	0.26
191.43	0.00	191.95	0.00	192.47	0.01	192.99	0.27
191.44	0.00	191.96	0.00	192.48	0.01	193.00	0.27
191.45	0.00	191.97	0.00	192.49	0.01	193.01	0.27
191.46	0.00	191.98	0.00	192.50	0.02	193.02	0.28
191.47	0.00	191.99	0.00	192.51	0.02	193.03	0.28
191.48	0.00	192.00	0.00	192.52	0.02	193.04	0.28
191.49	0.00	192.01	0.00	192.53	0.03	193.05	0.29
191.50	0.00	192.02	0.00	192.54	0.03	193.06	0.29
191.51	0.00	192.03	0.00	192.55	0.04	193.07	0.29

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.30	193.60	0.42	194.12	1.06	194.64	7.08
193.09	0.30	193.61	0.43	194.13	1.13	194.65	7.24
193.10	0.30	193.62	0.43	194.14	1.20	194.66	7.39
193.11	0.30	193.63	0.43	194.15	1.28	194.67	7.54
193.12	0.31	193.64	0.43	194.16	1.36	194.68	7.69
193.13	0.31	193.65	0.43	194.17	1.44	194.69	7.85
193.14	0.31	193.66	0.44	194.18	1.52	194.70	8.00
193.15	0.32	193.67	0.44	194.19	1.61	194.71	8.16
193.16	0.32	193.68	0.44	194.20	1.69	194.72	8.32
193.17	0.32	193.69	0.44	194.21	1.78	194.73	8.48
193.18	0.32	193.70	0.44	194.22	1.87	194.74	8.63
193.19	0.33	193.71	0.45	194.23	1.96	194.75	8.80
193.20	0.33	193.72	0.45	194.24	2.06	194.76	8.96
193.21	0.33	193.73	0.45	194.25	2.16	194.77	9.12
193.22	0.33	193.74	0.45	194.26	2.26	194.78	9.28
193.23	0.34	193.75	0.45	194.27	2.36	194.79	9.45
193.24	0.34	193.76	0.46	194.28	2.46	194.80	9.61
193.25	0.34	193.77	0.46	194.29	2.56	194.81	9.78
193.26	0.34	193.78	0.46	194.30	2.67	194.82	9.94
193.27	0.35	193.79	0.46	194.31	2.77	194.83	10.11
193.28	0.35	193.80	0.46	194.32	2.88	194.84	10.28
193.29	0.35	193.81	0.46	194.33	2.99	194.85	10.45
193.30	0.35	193.82	0.47	194.34	3.11	194.86	10.62
193.31	0.36	193.83	0.47	194.35	3.22	194.87	10.79
193.32	0.36	193.84	0.47	194.36	3.33	194.88	10.96
193.33	0.36	193.85	0.47	194.37	3.45	194.89	11.13
193.34	0.36	193.86	0.47	194.38	3.57	194.90	11.30
193.35	0.37	193.87	0.48	194.39	3.69	194.91	11.48
193.36	0.37	193.88	0.48	194.40	3.81	194.92	11.65
193.37	0.37	193.89	0.48	194.41	3.93	194.93	11.83
193.38	0.37	193.90	0.48	194.42	4.05	194.94	12.00
193.39	0.38	193.91	0.48	194.43	4.18	194.95	12.18
193.40	0.38	193.92	0.49	194.44	4.31	194.96	12.48
193.41	0.38	193.93	0.49	194.45	4.43	194.97	12.87
193.42	0.38	193.94	0.49	194.46	4.56	194.98	13.33
193.43	0.39	193.95	0.49	194.47	4.69	194.99	13.84
193.44	0.39	193.96	0.49	194.48	4.82	195.00	14.39
193.45	0.39	193.97	0.49	194.49	4.96	195.01	14.98
193.46	0.39	193.98	0.50	194.50	5.09	195.02	15.62
193.47	0.39	193.99	0.50	194.51	5.23	195.03	16.28
193.48	0.40	194.00	0.50	194.52	5.36	195.04	16.98
193.49	0.40	194.01	0.51	194.53	5.50	195.05	17.71
193.50	0.40	194.02	0.54	194.54	5.64	195.06	18.47
193.51	0.40	194.03	0.57	194.55	5.78	195.07	19.26
193.52	0.41	194.04	0.61	194.56	5.92	195.08	20.07
193.53	0.41	194.05	0.65	194.57	6.06	195.09	20.91
193.54	0.41	194.06	0.70	194.58	6.20	195.10	21.77
193.55	0.41	194.07	0.75	194.59	6.35	195.11	22.66
193.56	0.41	194.08	0.81	194.60	6.49	195.12	23.57
193.57	0.42	194.09	0.87	194.61	6.64	195.13	24.40
193.58	0.42	194.10	0.93	194.62	6.79	195.14	25.18
193.59	0.42	194.11	0.99	194.63	6.94	195.15	25.99

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

Stage-Area-Storage for Pond B-36A: Basin #36A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,366	0	191.52	2,693	1,315
191.01	2,372	24	191.53	2,699	1,342
191.02	2,379	47	191.54	2,706	1,369
191.03	2,385	71	191.55	2,712	1,396
191.04	2,391	95	191.56	2,718	1,424
191.05	2,397	119	191.57	2,725	1,451
191.06	2,404	143	191.58	2,731	1,478
191.07	2,410	167	191.59	2,737	1,505
191.08	2,416	191	191.60	2,743	1,533
191.09	2,423	215	191.61	2,750	1,560
191.10	2,429	240	191.62	2,756	1,588
191.11	2,435	264	191.63	2,762	1,615
191.12	2,441	288	191.64	2,769	1,643
191.13	2,448	313	191.65	2,775	1,671
191.14	2,454	337	191.66	2,781	1,699
191.15	2,460	362	191.67	2,787	1,726
191.16	2,467	387	191.68	2,794	1,754
191.17	2,473	411	191.69	2,800	1,782
191.18	2,479	436	191.70	2,806	1,810
191.19	2,486	461	191.71	2,813	1,838
191.20	2,492	486	191.72	2,819	1,867
191.21	2,498	511	191.73	2,825	1,895
191.22	2,504	536	191.74	2,831	1,923
191.23	2,511	561	191.75	2,838	1,951
191.24	2,517	586	191.76	2,844	1,980
191.25	2,523	611	191.77	2,850	2,008
191.26	2,530	636	191.78	2,857	2,037
191.27	2,536	662	191.79	2,863	2,065
191.28	2,542	687	191.80	2,869	2,094
191.29	2,548	713	191.81	2,875	2,123
191.30	2,555	738	191.82	2,882	2,152
191.31	2,561	764	191.83	2,888	2,180
191.32	2,567	789	191.84	2,894	2,209
191.33	2,574	815	191.85	2,901	2,238
191.34	2,580	841	191.86	2,907	2,267
191.35	2,586	867	191.87	2,913	2,296
191.36	2,592	893	191.88	2,920	2,326
191.37	2,599	918	191.89	2,926	2,355
191.38	2,605	944	191.90	2,932	2,384
191.39	2,611	971	191.91	2,938	2,413
191.40	2,618	997	191.92	2,945	2,443
191.41	2,624	1,023	191.93	2,951	2,472
191.42	2,630	1,049	191.94	2,957	2,502
191.43	2,636	1,076	191.95	2,964	2,532
191.44	2,643	1,102	191.96	2,970	2,561
191.45	2,649	1,128	191.97	2,976	2,591
191.46	2,655	1,155	191.98	2,982	2,621
191.47	2,662	1,181	191.99	2,989	2,651
191.48	2,668	1,208	192.00	2,995	2,681
191.49	2,674	1,235	192.01	3,002	2,710
191.50	2,681	1,262	192.02	3,009	2,741
191.51	2,687	1,288	192.03	3,016	2,771

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	3,022	2,801	192.56	3,379	4,465
192.05	3,029	2,831	192.57	3,386	4,499
192.06	3,036	2,861	192.58	3,393	4,533
192.07	3,043	2,892	192.59	3,400	4,567
192.08	3,050	2,922	192.60	3,407	4,601
192.09	3,057	2,953	192.61	3,413	4,635
192.10	3,064	2,983	192.62	3,420	4,669
192.11	3,070	3,014	192.63	3,427	4,703
192.12	3,077	3,045	192.64	3,434	4,738
192.13	3,084	3,076	192.65	3,441	4,772
192.14	3,091	3,107	192.66	3,448	4,807
192.15	3,098	3,137	192.67	3,455	4,841
192.16	3,105	3,168	192.68	3,461	4,876
192.17	3,112	3,200	192.69	3,468	4,910
192.18	3,118	3,231	192.70	3,475	4,945
192.19	3,125	3,262	192.71	3,482	4,980
192.20	3,132	3,293	192.72	3,489	5,015
192.21	3,139	3,325	192.73	3,496	5,050
192.22	3,146	3,356	192.74	3,503	5,085
192.23	3,153	3,387	192.75	3,510	5,120
192.24	3,160	3,419	192.76	3,516	5,155
192.25	3,167	3,451	192.77	3,523	5,190
192.26	3,173	3,482	192.78	3,530	5,225
192.27	3,180	3,514	192.79	3,537	5,261
192.28	3,187	3,546	192.80	3,544	5,296
192.29	3,194	3,578	192.81	3,551	5,331
192.30	3,201	3,610	192.82	3,558	5,367
192.31	3,208	3,642	192.83	3,564	5,403
192.32	3,215	3,674	192.84	3,571	5,438
192.33	3,221	3,706	192.85	3,578	5,474
192.34	3,228	3,738	192.86	3,585	5,510
192.35	3,235	3,771	192.87	3,592	5,546
192.36	3,242	3,803	192.88	3,599	5,582
192.37	3,249	3,836	192.89	3,606	5,618
192.38	3,256	3,868	192.90	3,612	5,654
192.39	3,263	3,901	192.91	3,619	5,690
192.40	3,269	3,933	192.92	3,626	5,726
192.41	3,276	3,966	192.93	3,633	5,763
192.42	3,283	3,999	192.94	3,640	5,799
192.43	3,290	4,032	192.95	3,647	5,835
192.44	3,297	4,065	192.96	3,654	5,872
192.45	3,304	4,098	192.97	3,660	5,908
192.46	3,311	4,131	192.98	3,667	5,945
192.47	3,317	4,164	192.99	3,674	5,982
192.48	3,324	4,197	193.00	3,681	6,019
192.49	3,331	4,230	193.01	3,688	6,055
192.50	3,338	4,264	193.02	3,696	6,092
192.51	3,345	4,297	193.03	3,703	6,129
192.52	3,352	4,331	193.04	3,711	6,166
192.53	3,359	4,364	193.05	3,718	6,203
192.54	3,365	4,398	193.06	3,726	6,241
192.55	3,372	4,432	193.07	3,733	6,278

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,740	6,315	193.60	4,127	8,361
193.09	3,748	6,353	193.61	4,134	8,402
193.10	3,755	6,390	193.62	4,142	8,444
193.11	3,763	6,428	193.63	4,149	8,485
193.12	3,770	6,466	193.64	4,157	8,527
193.13	3,778	6,503	193.65	4,164	8,568
193.14	3,785	6,541	193.66	4,171	8,610
193.15	3,792	6,579	193.67	4,179	8,652
193.16	3,800	6,617	193.68	4,186	8,693
193.17	3,807	6,655	193.69	4,194	8,735
193.18	3,815	6,693	193.70	4,201	8,777
193.19	3,822	6,731	193.71	4,209	8,819
193.20	3,830	6,770	193.72	4,216	8,861
193.21	3,837	6,808	193.73	4,223	8,904
193.22	3,844	6,846	193.74	4,231	8,946
193.23	3,852	6,885	193.75	4,238	8,988
193.24	3,859	6,923	193.76	4,246	9,031
193.25	3,867	6,962	193.77	4,253	9,073
193.26	3,874	7,001	193.78	4,261	9,116
193.27	3,882	7,039	193.79	4,268	9,158
193.28	3,889	7,078	193.80	4,275	9,201
193.29	3,896	7,117	193.81	4,283	9,244
193.30	3,904	7,156	193.82	4,290	9,287
193.31	3,911	7,195	193.83	4,298	9,330
193.32	3,919	7,234	193.84	4,305	9,373
193.33	3,926	7,274	193.85	4,313	9,416
193.34	3,934	7,313	193.86	4,320	9,459
193.35	3,941	7,352	193.87	4,327	9,502
193.36	3,948	7,392	193.88	4,335	9,545
193.37	3,956	7,431	193.89	4,342	9,589
193.38	3,963	7,471	193.90	4,350	9,632
193.39	3,971	7,511	193.91	4,357	9,676
193.40	3,978	7,550	193.92	4,365	9,719
193.41	3,986	7,590	193.93	4,372	9,763
193.42	3,993	7,630	193.94	4,379	9,807
193.43	4,000	7,670	193.95	4,387	9,851
193.44	4,008	7,710	193.96	4,394	9,895
193.45	4,015	7,750	193.97	4,402	9,939
193.46	4,023	7,790	193.98	4,409	9,983
193.47	4,030	7,831	193.99	4,417	10,027
193.48	4,038	7,871	194.00	4,424	10,071
193.49	4,045	7,911	194.01	4,432	10,115
193.50	4,053	7,952	194.02	4,440	10,160
193.51	4,060	7,992	194.03	4,448	10,204
193.52	4,067	8,033	194.04	4,456	10,249
193.53	4,075	8,074	194.05	4,464	10,293
193.54	4,082	8,115	194.06	4,472	10,338
193.55	4,090	8,155	194.07	4,480	10,383
193.56	4,097	8,196	194.08	4,488	10,427
193.57	4,105	8,237	194.09	4,496	10,472
193.58	4,112	8,278	194.10	4,504	10,517
193.59	4,119	8,320	194.11	4,512	10,562

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,520	10,608	194.64	4,935	13,066
194.13	4,528	10,653	194.65	4,943	13,115
194.14	4,536	10,698	194.66	4,951	13,165
194.15	4,544	10,744	194.67	4,959	13,214
194.16	4,552	10,789	194.68	4,967	13,264
194.17	4,560	10,835	194.69	4,975	13,314
194.18	4,568	10,880	194.70	4,983	13,364
194.19	4,576	10,926	194.71	4,991	13,413
194.20	4,584	10,972	194.72	4,999	13,463
194.21	4,592	11,018	194.73	5,007	13,513
194.22	4,600	11,064	194.74	5,015	13,564
194.23	4,608	11,110	194.75	5,023	13,614
194.24	4,616	11,156	194.76	5,031	13,664
194.25	4,624	11,202	194.77	5,039	13,714
194.26	4,632	11,248	194.78	5,047	13,765
194.27	4,640	11,295	194.79	5,055	13,815
194.28	4,648	11,341	194.80	5,063	13,866
194.29	4,656	11,388	194.81	5,071	13,917
194.30	4,664	11,434	194.82	5,079	13,967
194.31	4,672	11,481	194.83	5,087	14,018
194.32	4,680	11,528	194.84	5,095	14,069
194.33	4,688	11,574	194.85	5,103	14,120
194.34	4,696	11,621	194.86	5,111	14,171
194.35	4,704	11,668	194.87	5,119	14,222
194.36	4,712	11,715	194.88	5,127	14,273
194.37	4,720	11,763	194.89	5,135	14,325
194.38	4,728	11,810	194.90	5,143	14,376
194.39	4,736	11,857	194.91	5,151	14,428
194.40	4,744	11,905	194.92	5,159	14,479
194.41	4,752	11,952	194.93	5,167	14,531
194.42	4,760	12,000	194.94	5,175	14,583
194.43	4,768	12,047	194.95	5,183	14,634
194.44	4,776	12,095	194.96	5,191	14,686
194.45	4,784	12,143	194.97	5,199	14,738
194.46	4,792	12,191	194.98	5,207	14,790
194.47	4,800	12,239	194.99	5,215	14,842
194.48	4,808	12,287	195.00	5,223	14,895
194.49	4,816	12,335	195.01	5,240	14,947
194.50	4,824	12,383	195.02	5,257	14,999
194.51	4,831	12,431	195.03	5,274	15,052
194.52	4,839	12,480	195.04	5,290	15,105
194.53	4,847	12,528	195.05	5,307	15,158
194.54	4,855	12,576	195.06	5,324	15,211
194.55	4,863	12,625	195.07	5,341	15,264
194.56	4,871	12,674	195.08	5,358	15,318
194.57	4,879	12,722	195.09	5,375	15,371
194.58	4,887	12,771	195.10	5,391	15,425
194.59	4,895	12,820	195.11	5,408	15,479
194.60	4,903	12,869	195.12	5,425	15,533
194.61	4,911	12,918	195.13	5,442	15,588
194.62	4,919	12,967	195.14	5,459	15,642
194.63	4,927	13,017	195.15	5,476	15,697

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,492	15,752
195.17	5,509	15,807
195.18	5,526	15,862
195.19	5,543	15,917
195.20	5,560	15,973
195.21	5,577	16,028
195.22	5,593	16,084
195.23	5,610	16,140
195.24	5,627	16,197
195.25	5,644	16,253

Summary for Pond B-36B: Basin #36B

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 3.54" for Current 10 yr event
 Inflow = 8.83 cfs @ 12.17 hrs, Volume= 0.729 af
 Outflow = 6.35 cfs @ 12.27 hrs, Volume= 0.622 af, Atten= 28%, Lag= 5.9 min
 Primary = 6.35 cfs @ 12.27 hrs, Volume= 0.622 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.94' @ 12.27 hrs Surf.Area= 4,498 sf Storage= 9,681 cf

Plug-Flow detention time= 135.1 min calculated for 0.622 af (85% of inflow)
 Center-of-Mass det. time= 66.1 min (851.9 - 785.7)

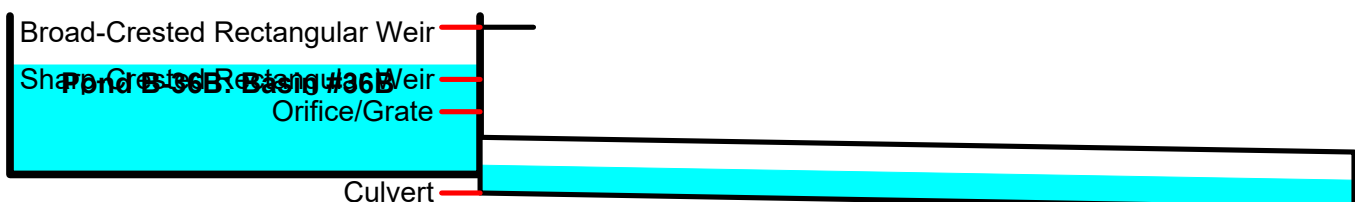
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	16,337 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	2,110	0	0
192.00	2,893	2,502	2,502
193.00	3,730	3,312	5,813
194.00	4,547	4,139	9,952
195.00	5,356	4,952	14,903
195.25	6,113	1,434	16,337

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	192.68'	36.0" W x 2.5" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.55'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.95'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

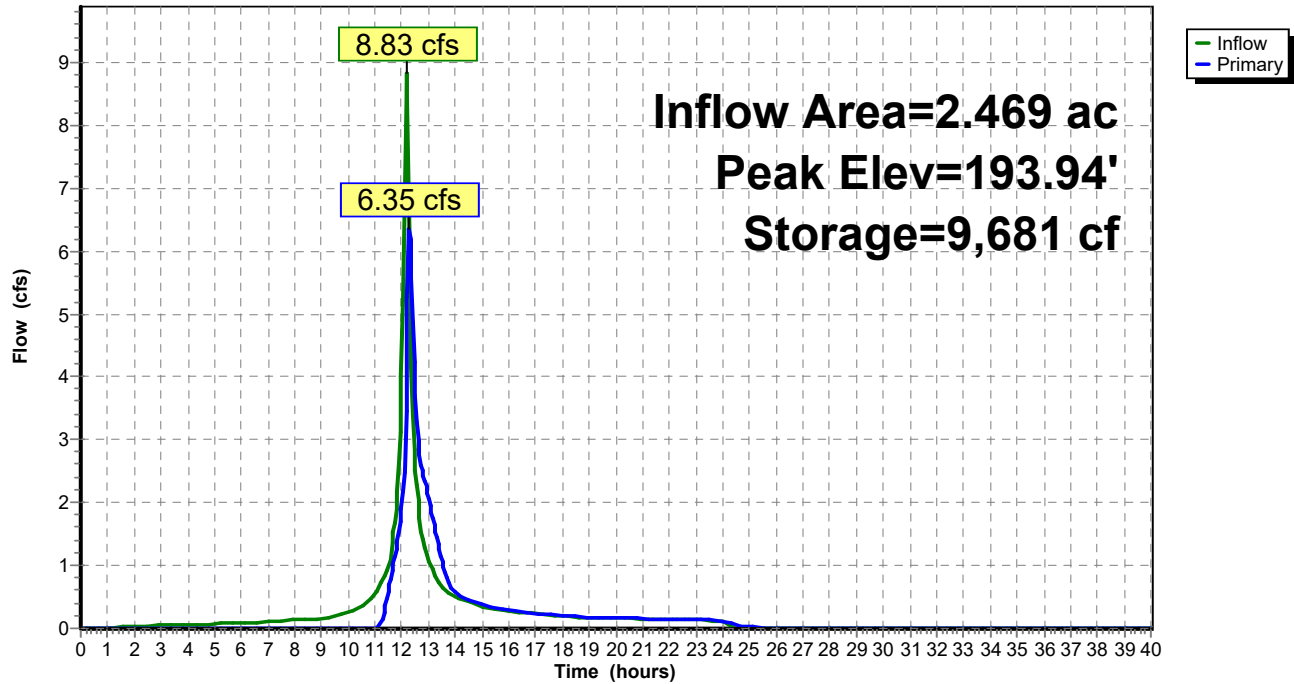
Primary OutFlow Max=6.22 cfs @ 12.27 hrs HW=193.93' (Free Discharge)

1=Culvert (Passes 6.22 cfs of 12.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.22 cfs @ 5.15 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.00 cfs @ 2.02 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



Hydrograph for Pond B-36B: Basin #36B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	1	191.00	0.00
1.10	0.01	3	191.00	0.00
1.20	0.01	6	191.00	0.00
1.30	0.01	10	191.00	0.00
1.40	0.02	15	191.01	0.00
1.50	0.02	21	191.01	0.00
1.60	0.02	28	191.01	0.00
1.70	0.02	36	191.02	0.00
1.80	0.03	45	191.02	0.00
1.90	0.03	54	191.03	0.00
2.00	0.03	65	191.03	0.00
2.10	0.03	76	191.04	0.00
2.20	0.03	87	191.04	0.00
2.30	0.04	100	191.05	0.00
2.40	0.04	113	191.05	0.00
2.50	0.04	127	191.06	0.00
2.60	0.04	142	191.07	0.00
2.70	0.04	157	191.07	0.00
2.80	0.04	172	191.08	0.00
2.90	0.05	189	191.09	0.00
3.00	0.05	205	191.10	0.00
3.10	0.05	223	191.10	0.00
3.20	0.05	241	191.11	0.00
3.30	0.05	259	191.12	0.00
3.40	0.05	278	191.13	0.00
3.50	0.05	297	191.14	0.00
3.60	0.06	317	191.15	0.00
3.70	0.06	338	191.16	0.00
3.80	0.06	359	191.16	0.00
3.90	0.06	380	191.17	0.00
4.00	0.06	402	191.18	0.00
4.10	0.06	424	191.19	0.00
4.20	0.06	446	191.20	0.00
4.30	0.06	469	191.21	0.00
4.40	0.07	493	191.22	0.00
4.50	0.07	516	191.23	0.00
4.60	0.07	541	191.24	0.00
4.70	0.07	565	191.26	0.00
4.80	0.07	590	191.27	0.00
4.90	0.07	615	191.28	0.00
5.00	0.07	641	191.29	0.00
5.10	0.07	667	191.30	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	693	191.31	0.00
5.30	0.07	720	191.32	0.00
5.40	0.08	747	191.33	0.00
5.50	0.08	774	191.34	0.00
5.60	0.08	802	191.36	0.00
5.70	0.08	830	191.37	0.00
5.80	0.08	859	191.38	0.00
5.90	0.08	887	191.39	0.00
6.00	0.08	916	191.40	0.00
6.10	0.08	946	191.42	0.00
6.20	0.08	976	191.43	0.00
6.30	0.09	1,007	191.44	0.00
6.40	0.09	1,038	191.45	0.00
6.50	0.09	1,071	191.47	0.00
6.60	0.09	1,104	191.48	0.00
6.70	0.10	1,139	191.49	0.00
6.80	0.10	1,174	191.51	0.00
6.90	0.10	1,210	191.52	0.00
7.00	0.10	1,247	191.54	0.00
7.10	0.11	1,285	191.55	0.00
7.20	0.11	1,323	191.57	0.00
7.30	0.11	1,363	191.58	0.00
7.40	0.11	1,403	191.60	0.00
7.50	0.12	1,445	191.61	0.00
7.60	0.12	1,487	191.63	0.00
7.70	0.12	1,530	191.65	0.00
7.80	0.12	1,574	191.66	0.00
7.90	0.13	1,619	191.68	0.00
8.00	0.13	1,665	191.70	0.00
8.10	0.13	1,712	191.72	0.00
8.20	0.13	1,760	191.73	0.00
8.30	0.14	1,808	191.75	0.00
8.40	0.14	1,858	191.77	0.00
8.50	0.14	1,908	191.79	0.00
8.60	0.14	1,959	191.81	0.00
8.70	0.15	2,011	191.83	0.00
8.80	0.15	2,064	191.85	0.00
8.90	0.15	2,118	191.87	0.00
9.00	0.16	2,173	191.88	0.00
9.10	0.16	2,230	191.90	0.00
9.20	0.17	2,290	191.93	0.00
9.30	0.18	2,353	191.95	0.00
9.40	0.19	2,419	191.97	0.00
9.50	0.20	2,490	192.00	0.00
9.60	0.21	2,565	192.02	0.00
9.70	0.23	2,644	192.05	0.00
9.80	0.24	2,727	192.08	0.00
9.90	0.25	2,815	192.11	0.00
10.00	0.26	2,907	192.14	0.00
10.10	0.28	3,004	192.17	0.00
10.20	0.29	3,105	192.20	0.00
10.30	0.30	3,212	192.24	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.32	3,323	192.27	0.00
10.50	0.33	3,439	192.31	0.00
10.60	0.35	3,561	192.35	0.00
10.70	0.39	3,693	192.39	0.00
10.80	0.43	3,841	192.44	0.00
10.90	0.48	4,005	192.49	0.00
11.00	0.53	4,186	192.54	0.00
11.10	0.59	4,385	192.60	0.00
11.20	0.67	4,611	192.67	0.00
11.30	0.76	4,851	192.73	0.13
11.40	0.85	5,053	192.79	0.36
11.50	0.95	5,206	192.83	0.59
11.60	1.16	5,331	192.87	0.79
11.70	1.54	5,491	192.91	1.04
11.80	1.89	5,688	192.97	1.26
11.90	2.59	5,984	193.05	1.53
12.00	4.00	6,527	193.19	1.91
12.10	6.94	7,664	193.47	2.49
12.20	8.55	9,297	193.85	5.27
12.30	5.23	9,617	193.93	6.17
12.40	3.39	9,143	193.82	4.87
12.50	2.50	8,655	193.71	3.70
12.60	2.04	8,278	193.62	2.99
12.70	1.54	7,917	193.53	2.60
12.80	1.33	7,524	193.44	2.43
12.90	1.20	7,137	193.34	2.24
13.00	1.08	6,774	193.25	2.05
13.10	0.97	6,441	193.17	1.85
13.20	0.87	6,141	193.09	1.65
13.30	0.80	5,884	193.02	1.44
13.40	0.73	5,675	192.96	1.25
13.50	0.67	5,511	192.92	1.07
13.60	0.61	5,391	192.89	0.89
13.70	0.56	5,308	192.86	0.75
13.80	0.54	5,251	192.85	0.66
13.90	0.52	5,215	192.84	0.60
14.00	0.50	5,190	192.83	0.56
14.10	0.49	5,172	192.82	0.53
14.20	0.47	5,156	192.82	0.51
14.30	0.45	5,143	192.82	0.49
14.40	0.44	5,131	192.81	0.47
14.50	0.42	5,119	192.81	0.45
14.60	0.41	5,107	192.81	0.44
14.70	0.39	5,095	192.80	0.42
14.80	0.37	5,084	192.80	0.40
14.90	0.36	5,073	192.80	0.39
15.00	0.34	5,062	192.79	0.37
15.10	0.32	5,050	192.79	0.36
15.20	0.31	5,039	192.79	0.34
15.30	0.30	5,030	192.78	0.33
15.40	0.30	5,022	192.78	0.32
15.50	0.30	5,016	192.78	0.31

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	5,011	192.78	0.30
15.70	0.29	5,006	192.78	0.30
15.80	0.28	5,002	192.78	0.29
15.90	0.28	4,998	192.78	0.29
16.00	0.27	4,994	192.77	0.28
16.10	0.27	4,990	192.77	0.28
16.20	0.27	4,987	192.77	0.28
16.30	0.26	4,983	192.77	0.27
16.40	0.26	4,979	192.77	0.27
16.50	0.25	4,976	192.77	0.26
16.60	0.25	4,972	192.77	0.26
16.70	0.24	4,968	192.77	0.25
16.80	0.24	4,965	192.77	0.25
16.90	0.24	4,961	192.77	0.25
17.00	0.23	4,957	192.76	0.24
17.10	0.23	4,954	192.76	0.24
17.20	0.22	4,950	192.76	0.23
17.30	0.22	4,947	192.76	0.23
17.40	0.21	4,943	192.76	0.22
17.50	0.21	4,939	192.76	0.22
17.60	0.21	4,935	192.76	0.22
17.70	0.20	4,932	192.76	0.21
17.80	0.20	4,928	192.76	0.21
17.90	0.19	4,925	192.76	0.20
18.00	0.19	4,921	192.75	0.20
18.10	0.18	4,917	192.75	0.19
18.20	0.18	4,914	192.75	0.19
18.30	0.18	4,910	192.75	0.19
18.40	0.18	4,908	192.75	0.18
18.50	0.18	4,906	192.75	0.18
18.60	0.17	4,904	192.75	0.18
18.70	0.17	4,903	192.75	0.18
18.80	0.17	4,902	192.75	0.18
18.90	0.17	4,901	192.75	0.17
19.00	0.17	4,900	192.75	0.17
19.10	0.17	4,899	192.75	0.17
19.20	0.17	4,898	192.75	0.17
19.30	0.17	4,897	192.75	0.17
19.40	0.17	4,896	192.75	0.17
19.50	0.17	4,895	192.75	0.17
19.60	0.16	4,894	192.75	0.17
19.70	0.16	4,893	192.75	0.17
19.80	0.16	4,892	192.75	0.16
19.90	0.16	4,891	192.75	0.16
20.00	0.16	4,891	192.75	0.16
20.10	0.16	4,890	192.75	0.16
20.20	0.16	4,889	192.74	0.16
20.30	0.16	4,888	192.74	0.16
20.40	0.16	4,887	192.74	0.16
20.50	0.15	4,886	192.74	0.16
20.60	0.15	4,885	192.74	0.16
20.70	0.15	4,884	192.74	0.16

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	4,883	192.74	0.15
20.90	0.15	4,882	192.74	0.15
21.00	0.15	4,881	192.74	0.15
21.10	0.15	4,880	192.74	0.15
21.20	0.15	4,879	192.74	0.15
21.30	0.15	4,878	192.74	0.15
21.40	0.15	4,877	192.74	0.15
21.50	0.14	4,876	192.74	0.15
21.60	0.14	4,875	192.74	0.15
21.70	0.14	4,874	192.74	0.15
21.80	0.14	4,872	192.74	0.14
21.90	0.14	4,871	192.74	0.14
22.00	0.14	4,870	192.74	0.14
22.10	0.14	4,869	192.74	0.14
22.20	0.14	4,867	192.74	0.14
22.30	0.14	4,866	192.74	0.14
22.40	0.13	4,865	192.74	0.14
22.50	0.13	4,864	192.74	0.14
22.60	0.13	4,862	192.74	0.14
22.70	0.13	4,861	192.74	0.13
22.80	0.13	4,860	192.74	0.13
22.90	0.13	4,858	192.74	0.13
23.00	0.13	4,857	192.74	0.13
23.10	0.13	4,856	192.74	0.13
23.20	0.13	4,854	192.74	0.13
23.30	0.12	4,853	192.73	0.13
23.40	0.12	4,852	192.73	0.13
23.50	0.12	4,850	192.73	0.13
23.60	0.12	4,849	192.73	0.12
23.70	0.12	4,848	192.73	0.12
23.80	0.12	4,846	192.73	0.12
23.90	0.12	4,845	192.73	0.12
24.00	0.12	4,844	192.73	0.12
24.10	0.10	4,844	192.73	0.12
24.20	0.03	4,826	192.73	0.11
24.30	0.01	4,798	192.72	0.08
24.40	0.00	4,774	192.71	0.06
24.50	0.00	4,755	192.71	0.05
24.60	0.00	4,740	192.70	0.03
24.70	0.00	4,729	192.70	0.03
24.80	0.00	4,721	192.70	0.02
24.90	0.00	4,713	192.69	0.02
25.00	0.00	4,706	192.69	0.02
25.10	0.00	4,700	192.69	0.01
25.20	0.00	4,695	192.69	0.01
25.30	0.00	4,691	192.69	0.01
25.40	0.00	4,687	192.69	0.01
25.50	0.00	4,684	192.69	0.01
25.60	0.00	4,681	192.69	0.01
25.70	0.00	4,679	192.68	0.01
25.80	0.00	4,676	192.68	0.01
25.90	0.00	4,675	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,673	192.68	0.00
26.10	0.00	4,672	192.68	0.00
26.20	0.00	4,670	192.68	0.00
26.30	0.00	4,669	192.68	0.00
26.40	0.00	4,668	192.68	0.00
26.50	0.00	4,668	192.68	0.00
26.60	0.00	4,667	192.68	0.00
26.70	0.00	4,666	192.68	0.00
26.80	0.00	4,666	192.68	0.00
26.90	0.00	4,665	192.68	0.00
27.00	0.00	4,665	192.68	0.00
27.10	0.00	4,665	192.68	0.00
27.20	0.00	4,664	192.68	0.00
27.30	0.00	4,664	192.68	0.00
27.40	0.00	4,664	192.68	0.00
27.50	0.00	4,664	192.68	0.00
27.60	0.00	4,663	192.68	0.00
27.70	0.00	4,663	192.68	0.00
27.80	0.00	4,663	192.68	0.00
27.90	0.00	4,663	192.68	0.00
28.00	0.00	4,663	192.68	0.00
28.10	0.00	4,663	192.68	0.00
28.20	0.00	4,663	192.68	0.00
28.30	0.00	4,663	192.68	0.00
28.40	0.00	4,663	192.68	0.00
28.50	0.00	4,663	192.68	0.00
28.60	0.00	4,663	192.68	0.00
28.70	0.00	4,662	192.68	0.00
28.80	0.00	4,662	192.68	0.00
28.90	0.00	4,662	192.68	0.00
29.00	0.00	4,662	192.68	0.00
29.10	0.00	4,662	192.68	0.00
29.20	0.00	4,662	192.68	0.00
29.30	0.00	4,662	192.68	0.00
29.40	0.00	4,662	192.68	0.00
29.50	0.00	4,662	192.68	0.00
29.60	0.00	4,662	192.68	0.00
29.70	0.00	4,662	192.68	0.00
29.80	0.00	4,662	192.68	0.00
29.90	0.00	4,662	192.68	0.00
30.00	0.00	4,662	192.68	0.00
30.10	0.00	4,662	192.68	0.00
30.20	0.00	4,662	192.68	0.00
30.30	0.00	4,662	192.68	0.00
30.40	0.00	4,662	192.68	0.00
30.50	0.00	4,662	192.68	0.00
30.60	0.00	4,662	192.68	0.00
30.70	0.00	4,662	192.68	0.00
30.80	0.00	4,662	192.68	0.00
30.90	0.00	4,662	192.68	0.00
31.00	0.00	4,662	192.68	0.00
31.10	0.00	4,662	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,662	192.68	0.00
31.30	0.00	4,662	192.68	0.00
31.40	0.00	4,662	192.68	0.00
31.50	0.00	4,662	192.68	0.00
31.60	0.00	4,662	192.68	0.00
31.70	0.00	4,662	192.68	0.00
31.80	0.00	4,662	192.68	0.00
31.90	0.00	4,662	192.68	0.00
32.00	0.00	4,662	192.68	0.00
32.10	0.00	4,662	192.68	0.00
32.20	0.00	4,662	192.68	0.00
32.30	0.00	4,662	192.68	0.00
32.40	0.00	4,662	192.68	0.00
32.50	0.00	4,662	192.68	0.00
32.60	0.00	4,662	192.68	0.00
32.70	0.00	4,662	192.68	0.00
32.80	0.00	4,662	192.68	0.00
32.90	0.00	4,662	192.68	0.00
33.00	0.00	4,662	192.68	0.00
33.10	0.00	4,662	192.68	0.00
33.20	0.00	4,662	192.68	0.00
33.30	0.00	4,662	192.68	0.00
33.40	0.00	4,662	192.68	0.00
33.50	0.00	4,662	192.68	0.00
33.60	0.00	4,662	192.68	0.00
33.70	0.00	4,662	192.68	0.00
33.80	0.00	4,662	192.68	0.00
33.90	0.00	4,662	192.68	0.00
34.00	0.00	4,662	192.68	0.00
34.10	0.00	4,662	192.68	0.00
34.20	0.00	4,662	192.68	0.00
34.30	0.00	4,662	192.68	0.00
34.40	0.00	4,662	192.68	0.00
34.50	0.00	4,662	192.68	0.00
34.60	0.00	4,662	192.68	0.00
34.70	0.00	4,662	192.68	0.00
34.80	0.00	4,662	192.68	0.00
34.90	0.00	4,662	192.68	0.00
35.00	0.00	4,662	192.68	0.00
35.10	0.00	4,662	192.68	0.00
35.20	0.00	4,662	192.68	0.00
35.30	0.00	4,662	192.68	0.00
35.40	0.00	4,662	192.68	0.00
35.50	0.00	4,662	192.68	0.00
35.60	0.00	4,662	192.68	0.00
35.70	0.00	4,662	192.68	0.00
35.80	0.00	4,662	192.68	0.00
35.90	0.00	4,662	192.68	0.00
36.00	0.00	4,662	192.68	0.00
36.10	0.00	4,662	192.68	0.00
36.20	0.00	4,662	192.68	0.00
36.30	0.00	4,662	192.68	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,662	192.68	0.00
36.50	0.00	4,662	192.68	0.00
36.60	0.00	4,662	192.68	0.00
36.70	0.00	4,662	192.68	0.00
36.80	0.00	4,662	192.68	0.00
36.90	0.00	4,662	192.68	0.00
37.00	0.00	4,662	192.68	0.00
37.10	0.00	4,662	192.68	0.00
37.20	0.00	4,662	192.68	0.00
37.30	0.00	4,662	192.68	0.00
37.40	0.00	4,662	192.68	0.00
37.50	0.00	4,662	192.68	0.00
37.60	0.00	4,662	192.68	0.00
37.70	0.00	4,662	192.68	0.00
37.80	0.00	4,662	192.68	0.00
37.90	0.00	4,662	192.68	0.00
38.00	0.00	4,662	192.68	0.00
38.10	0.00	4,662	192.68	0.00
38.20	0.00	4,662	192.68	0.00
38.30	0.00	4,662	192.68	0.00
38.40	0.00	4,662	192.68	0.00
38.50	0.00	4,662	192.68	0.00
38.60	0.00	4,662	192.68	0.00
38.70	0.00	4,662	192.68	0.00
38.80	0.00	4,662	192.68	0.00
38.90	0.00	4,662	192.68	0.00
39.00	0.00	4,662	192.68	0.00
39.10	0.00	4,662	192.68	0.00
39.20	0.00	4,662	192.68	0.00
39.30	0.00	4,662	192.68	0.00
39.40	0.00	4,662	192.68	0.00
39.50	0.00	4,662	192.68	0.00
39.60	0.00	4,662	192.68	0.00
39.70	0.00	4,662	192.68	0.00
39.80	0.00	4,662	192.68	0.00
39.90	0.00	4,662	192.68	0.00
40.00	0.00	4,662	192.68	0.00

Stage-Discharge for Pond B-36B: Basin #36B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.00	192.56	0.00
191.01	0.00	191.53	0.00	192.05	0.00	192.57	0.00
191.02	0.00	191.54	0.00	192.06	0.00	192.58	0.00
191.03	0.00	191.55	0.00	192.07	0.00	192.59	0.00
191.04	0.00	191.56	0.00	192.08	0.00	192.60	0.00
191.05	0.00	191.57	0.00	192.09	0.00	192.61	0.00
191.06	0.00	191.58	0.00	192.10	0.00	192.62	0.00
191.07	0.00	191.59	0.00	192.11	0.00	192.63	0.00
191.08	0.00	191.60	0.00	192.12	0.00	192.64	0.00
191.09	0.00	191.61	0.00	192.13	0.00	192.65	0.00
191.10	0.00	191.62	0.00	192.14	0.00	192.66	0.00
191.11	0.00	191.63	0.00	192.15	0.00	192.67	0.00
191.12	0.00	191.64	0.00	192.16	0.00	192.68	0.00
191.13	0.00	191.65	0.00	192.17	0.00	192.69	0.01
191.14	0.00	191.66	0.00	192.18	0.00	192.70	0.03
191.15	0.00	191.67	0.00	192.19	0.00	192.71	0.05
191.16	0.00	191.68	0.00	192.20	0.00	192.72	0.08
191.17	0.00	191.69	0.00	192.21	0.00	192.73	0.11
191.18	0.00	191.70	0.00	192.22	0.00	192.74	0.14
191.19	0.00	191.71	0.00	192.23	0.00	192.75	0.18
191.20	0.00	191.72	0.00	192.24	0.00	192.76	0.22
191.21	0.00	191.73	0.00	192.25	0.00	192.77	0.26
191.22	0.00	191.74	0.00	192.26	0.00	192.78	0.30
191.23	0.00	191.75	0.00	192.27	0.00	192.79	0.35
191.24	0.00	191.76	0.00	192.28	0.00	192.80	0.40
191.25	0.00	191.77	0.00	192.29	0.00	192.81	0.45
191.26	0.00	191.78	0.00	192.30	0.00	192.82	0.50
191.27	0.00	191.79	0.00	192.31	0.00	192.83	0.56
191.28	0.00	191.80	0.00	192.32	0.00	192.84	0.62
191.29	0.00	191.81	0.00	192.33	0.00	192.85	0.67
191.30	0.00	191.82	0.00	192.34	0.00	192.86	0.74
191.31	0.00	191.83	0.00	192.35	0.00	192.87	0.80
191.32	0.00	191.84	0.00	192.36	0.00	192.88	0.86
191.33	0.00	191.85	0.00	192.37	0.00	192.89	0.93
191.34	0.00	191.86	0.00	192.38	0.00	192.90	0.98
191.35	0.00	191.87	0.00	192.39	0.00	192.91	1.03
191.36	0.00	191.88	0.00	192.40	0.00	192.92	1.08
191.37	0.00	191.89	0.00	192.41	0.00	192.93	1.12
191.38	0.00	191.90	0.00	192.42	0.00	192.94	1.16
191.39	0.00	191.91	0.00	192.43	0.00	192.95	1.20
191.40	0.00	191.92	0.00	192.44	0.00	192.96	1.24
191.41	0.00	191.93	0.00	192.45	0.00	192.97	1.28
191.42	0.00	191.94	0.00	192.46	0.00	192.98	1.32
191.43	0.00	191.95	0.00	192.47	0.00	192.99	1.35
191.44	0.00	191.96	0.00	192.48	0.00	193.00	1.38
191.45	0.00	191.97	0.00	192.49	0.00	193.01	1.42
191.46	0.00	191.98	0.00	192.50	0.00	193.02	1.45
191.47	0.00	191.99	0.00	192.51	0.00	193.03	1.48
191.48	0.00	192.00	0.00	192.52	0.00	193.04	1.51
191.49	0.00	192.01	0.00	192.53	0.00	193.05	1.54
191.50	0.00	192.02	0.00	192.54	0.00	193.06	1.57
191.51	0.00	192.03	0.00	192.55	0.00	193.07	1.60

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.63	193.60	2.86	194.12	8.95	194.64	14.28
193.09	1.66	193.61	2.92	194.13	9.10	194.65	14.30
193.10	1.68	193.62	2.99	194.14	9.26	194.66	14.32
193.11	1.71	193.63	3.06	194.15	9.41	194.67	14.35
193.12	1.74	193.64	3.13	194.16	9.57	194.68	14.37
193.13	1.76	193.65	3.21	194.17	9.73	194.69	14.39
193.14	1.79	193.66	3.29	194.18	9.89	194.70	14.42
193.15	1.81	193.67	3.37	194.19	10.05	194.71	14.44
193.16	1.84	193.68	3.46	194.20	10.21	194.72	14.46
193.17	1.86	193.69	3.54	194.21	10.37	194.73	14.49
193.18	1.89	193.70	3.63	194.22	10.54	194.74	14.51
193.19	1.91	193.71	3.72	194.23	10.70	194.75	14.53
193.20	1.94	193.72	3.82	194.24	10.87	194.76	14.56
193.21	1.96	193.73	3.92	194.25	11.04	194.77	14.58
193.22	1.98	193.74	4.01	194.26	11.20	194.78	14.60
193.23	2.00	193.75	4.11	194.27	11.37	194.79	14.62
193.24	2.03	193.76	4.22	194.28	11.54	194.80	14.65
193.25	2.05	193.77	4.32	194.29	11.71	194.81	14.67
193.26	2.07	193.78	4.43	194.30	11.88	194.82	14.69
193.27	2.09	193.79	4.54	194.31	12.05	194.83	14.72
193.28	2.12	193.80	4.65	194.32	12.23	194.84	14.74
193.29	2.14	193.81	4.76	194.33	12.40	194.85	14.76
193.30	2.16	193.82	4.87	194.34	12.57	194.86	14.78
193.31	2.18	193.83	4.99	194.35	12.75	194.87	14.81
193.32	2.20	193.84	5.10	194.36	12.93	194.88	14.83
193.33	2.22	193.85	5.22	194.37	13.10	194.89	14.85
193.34	2.24	193.86	5.34	194.38	13.28	194.90	14.87
193.35	2.26	193.87	5.46	194.39	13.46	194.91	14.90
193.36	2.28	193.88	5.59	194.40	13.64	194.92	14.92
193.37	2.30	193.89	5.71	194.41	13.73	194.93	14.94
193.38	2.32	193.90	5.84	194.42	13.75	194.94	14.96
193.39	2.34	193.91	5.97	194.43	13.77	194.95	14.99
193.40	2.36	193.92	6.10	194.44	13.80	194.96	15.13
193.41	2.38	193.93	6.23	194.45	13.82	194.97	15.36
193.42	2.40	193.94	6.36	194.46	13.85	194.98	15.66
193.43	2.42	193.95	6.49	194.47	13.87	194.99	16.01
193.44	2.43	193.96	6.63	194.48	13.90	195.00	16.41
193.45	2.45	193.97	6.76	194.49	13.92	195.01	16.84
193.46	2.47	193.98	6.90	194.50	13.94	195.02	17.32
193.47	2.49	193.99	7.04	194.51	13.97	195.03	17.82
193.48	2.51	194.00	7.18	194.52	13.99	195.04	18.36
193.49	2.53	194.01	7.32	194.53	14.02	195.05	18.93
193.50	2.54	194.02	7.46	194.54	14.04	195.06	19.52
193.51	2.56	194.03	7.60	194.55	14.06	195.07	20.14
193.52	2.58	194.04	7.75	194.56	14.09	195.08	20.79
193.53	2.60	194.05	7.89	194.57	14.11	195.09	21.47
193.54	2.61	194.06	8.04	194.58	14.13	195.10	22.16
193.55	2.63	194.07	8.19	194.59	14.16	195.11	22.89
193.56	2.66	194.08	8.34	194.60	14.18	195.12	23.63
193.57	2.70	194.09	8.49	194.61	14.21	195.13	24.40
193.58	2.75	194.10	8.64	194.62	14.23	195.14	25.18
193.59	2.80	194.11	8.79	194.63	14.25	195.15	25.99

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)
195.16	26.86
195.17	27.75
195.18	28.67
195.19	29.62
195.20	30.59
195.21	31.58
195.22	32.60
195.23	33.65
195.24	34.72
195.25	35.81

Stage-Area-Storage for Pond B-36B: Basin #36B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	2,110	0	191.52	2,517	1,203
191.01	2,118	21	191.53	2,525	1,228
191.02	2,126	42	191.54	2,533	1,254
191.03	2,133	64	191.55	2,541	1,279
191.04	2,141	85	191.56	2,548	1,304
191.05	2,149	106	191.57	2,556	1,330
191.06	2,157	128	191.58	2,564	1,356
191.07	2,165	150	191.59	2,572	1,381
191.08	2,173	171	191.60	2,580	1,407
191.09	2,180	193	191.61	2,588	1,433
191.10	2,188	215	191.62	2,595	1,459
191.11	2,196	237	191.63	2,603	1,485
191.12	2,204	259	191.64	2,611	1,511
191.13	2,212	281	191.65	2,619	1,537
191.14	2,220	303	191.66	2,627	1,563
191.15	2,227	325	191.67	2,635	1,589
191.16	2,235	348	191.68	2,642	1,616
191.17	2,243	370	191.69	2,650	1,642
191.18	2,251	392	191.70	2,658	1,669
191.19	2,259	415	191.71	2,666	1,695
191.20	2,267	438	191.72	2,674	1,722
191.21	2,274	460	191.73	2,682	1,749
191.22	2,282	483	191.74	2,689	1,776
191.23	2,290	506	191.75	2,697	1,803
191.24	2,298	529	191.76	2,705	1,830
191.25	2,306	552	191.77	2,713	1,857
191.26	2,314	575	191.78	2,721	1,884
191.27	2,321	598	191.79	2,729	1,911
191.28	2,329	621	191.80	2,736	1,939
191.29	2,337	645	191.81	2,744	1,966
191.30	2,345	668	191.82	2,752	1,993
191.31	2,353	692	191.83	2,760	2,021
191.32	2,361	715	191.84	2,768	2,049
191.33	2,368	739	191.85	2,776	2,076
191.34	2,376	763	191.86	2,783	2,104
191.35	2,384	786	191.87	2,791	2,132
191.36	2,392	810	191.88	2,799	2,160
191.37	2,400	834	191.89	2,807	2,188
191.38	2,408	858	191.90	2,815	2,216
191.39	2,415	882	191.91	2,823	2,244
191.40	2,423	907	191.92	2,830	2,273
191.41	2,431	931	191.93	2,838	2,301
191.42	2,439	955	191.94	2,846	2,329
191.43	2,447	980	191.95	2,854	2,358
191.44	2,455	1,004	191.96	2,862	2,386
191.45	2,462	1,029	191.97	2,870	2,415
191.46	2,470	1,053	191.98	2,877	2,444
191.47	2,478	1,078	191.99	2,885	2,473
191.48	2,486	1,103	192.00	2,893	2,502
191.49	2,494	1,128	192.01	2,901	2,530
191.50	2,502	1,153	192.02	2,910	2,560
191.51	2,509	1,178	192.03	2,918	2,589

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	2,926	2,618	192.56	3,362	4,253
192.05	2,935	2,647	192.57	3,370	4,286
192.06	2,943	2,677	192.58	3,378	4,320
192.07	2,952	2,706	192.59	3,387	4,354
192.08	2,960	2,736	192.60	3,395	4,388
192.09	2,968	2,765	192.61	3,404	4,422
192.10	2,977	2,795	192.62	3,412	4,456
192.11	2,985	2,825	192.63	3,420	4,490
192.12	2,993	2,855	192.64	3,429	4,524
192.13	3,002	2,885	192.65	3,437	4,559
192.14	3,010	2,915	192.66	3,445	4,593
192.15	3,019	2,945	192.67	3,454	4,628
192.16	3,027	2,975	192.68	3,462	4,662
192.17	3,035	3,005	192.69	3,471	4,697
192.18	3,044	3,036	192.70	3,479	4,732
192.19	3,052	3,066	192.71	3,487	4,766
192.20	3,060	3,097	192.72	3,496	4,801
192.21	3,069	3,127	192.73	3,504	4,836
192.22	3,077	3,158	192.74	3,512	4,871
192.23	3,086	3,189	192.75	3,521	4,907
192.24	3,094	3,220	192.76	3,529	4,942
192.25	3,102	3,251	192.77	3,537	4,977
192.26	3,111	3,282	192.78	3,546	5,013
192.27	3,119	3,313	192.79	3,554	5,048
192.28	3,127	3,344	192.80	3,563	5,084
192.29	3,136	3,376	192.81	3,571	5,119
192.30	3,144	3,407	192.82	3,579	5,155
192.31	3,152	3,439	192.83	3,588	5,191
192.32	3,161	3,470	192.84	3,596	5,227
192.33	3,169	3,502	192.85	3,604	5,263
192.34	3,178	3,533	192.86	3,613	5,299
192.35	3,186	3,565	192.87	3,621	5,335
192.36	3,194	3,597	192.88	3,630	5,371
192.37	3,203	3,629	192.89	3,638	5,408
192.38	3,211	3,661	192.90	3,646	5,444
192.39	3,219	3,693	192.91	3,655	5,481
192.40	3,228	3,726	192.92	3,663	5,517
192.41	3,236	3,758	192.93	3,671	5,554
192.42	3,245	3,790	192.94	3,680	5,591
192.43	3,253	3,823	192.95	3,688	5,628
192.44	3,261	3,855	192.96	3,697	5,664
192.45	3,270	3,888	192.97	3,705	5,701
192.46	3,278	3,921	192.98	3,713	5,739
192.47	3,286	3,954	192.99	3,722	5,776
192.48	3,295	3,987	193.00	3,730	5,813
192.49	3,303	4,020	193.01	3,738	5,850
192.50	3,312	4,053	193.02	3,746	5,888
192.51	3,320	4,086	193.03	3,755	5,925
192.52	3,328	4,119	193.04	3,763	5,963
192.53	3,337	4,152	193.05	3,771	6,001
192.54	3,345	4,186	193.06	3,779	6,038
192.55	3,353	4,219	193.07	3,787	6,076

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	3,795	6,114	193.60	4,220	8,198
193.09	3,804	6,152	193.61	4,228	8,240
193.10	3,812	6,190	193.62	4,237	8,283
193.11	3,820	6,228	193.63	4,245	8,325
193.12	3,828	6,266	193.64	4,253	8,368
193.13	3,836	6,305	193.65	4,261	8,410
193.14	3,844	6,343	193.66	4,269	8,453
193.15	3,853	6,382	193.67	4,277	8,495
193.16	3,861	6,420	193.68	4,286	8,538
193.17	3,869	6,459	193.69	4,294	8,581
193.18	3,877	6,498	193.70	4,302	8,624
193.19	3,885	6,536	193.71	4,310	8,667
193.20	3,893	6,575	193.72	4,318	8,710
193.21	3,902	6,614	193.73	4,326	8,754
193.22	3,910	6,653	193.74	4,335	8,797
193.23	3,918	6,693	193.75	4,343	8,840
193.24	3,926	6,732	193.76	4,351	8,884
193.25	3,934	6,771	193.77	4,359	8,927
193.26	3,942	6,810	193.78	4,367	8,971
193.27	3,951	6,850	193.79	4,375	9,015
193.28	3,959	6,889	193.80	4,384	9,058
193.29	3,967	6,929	193.81	4,392	9,102
193.30	3,975	6,969	193.82	4,400	9,146
193.31	3,983	7,009	193.83	4,408	9,190
193.32	3,991	7,048	193.84	4,416	9,234
193.33	4,000	7,088	193.85	4,424	9,279
193.34	4,008	7,128	193.86	4,433	9,323
193.35	4,016	7,169	193.87	4,441	9,367
193.36	4,024	7,209	193.88	4,449	9,412
193.37	4,032	7,249	193.89	4,457	9,456
193.38	4,040	7,289	193.90	4,465	9,501
193.39	4,049	7,330	193.91	4,473	9,546
193.40	4,057	7,370	193.92	4,482	9,590
193.41	4,065	7,411	193.93	4,490	9,635
193.42	4,073	7,452	193.94	4,498	9,680
193.43	4,081	7,492	193.95	4,506	9,725
193.44	4,089	7,533	193.96	4,514	9,770
193.45	4,098	7,574	193.97	4,522	9,815
193.46	4,106	7,615	193.98	4,531	9,861
193.47	4,114	7,656	193.99	4,539	9,906
193.48	4,122	7,698	194.00	4,547	9,952
193.49	4,130	7,739	194.01	4,555	9,997
193.50	4,139	7,780	194.02	4,563	10,043
193.51	4,147	7,822	194.03	4,571	10,088
193.52	4,155	7,863	194.04	4,579	10,134
193.53	4,163	7,905	194.05	4,587	10,180
193.54	4,171	7,946	194.06	4,596	10,226
193.55	4,179	7,988	194.07	4,604	10,272
193.56	4,188	8,030	194.08	4,612	10,318
193.57	4,196	8,072	194.09	4,620	10,364
193.58	4,204	8,114	194.10	4,628	10,410
193.59	4,212	8,156	194.11	4,636	10,457

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	4,644	10,503	194.64	5,065	13,027
194.13	4,652	10,549	194.65	5,073	13,078
194.14	4,660	10,596	194.66	5,081	13,129
194.15	4,668	10,643	194.67	5,089	13,180
194.16	4,676	10,689	194.68	5,097	13,231
194.17	4,685	10,736	194.69	5,105	13,282
194.18	4,693	10,783	194.70	5,113	13,333
194.19	4,701	10,830	194.71	5,121	13,384
194.20	4,709	10,877	194.72	5,129	13,435
194.21	4,717	10,924	194.73	5,138	13,486
194.22	4,725	10,971	194.74	5,146	13,538
194.23	4,733	11,019	194.75	5,154	13,589
194.24	4,741	11,066	194.76	5,162	13,641
194.25	4,749	11,114	194.77	5,170	13,693
194.26	4,757	11,161	194.78	5,178	13,744
194.27	4,765	11,209	194.79	5,186	13,796
194.28	4,774	11,256	194.80	5,194	13,848
194.29	4,782	11,304	194.81	5,202	13,900
194.30	4,790	11,352	194.82	5,210	13,952
194.31	4,798	11,400	194.83	5,218	14,004
194.32	4,806	11,448	194.84	5,227	14,056
194.33	4,814	11,496	194.85	5,235	14,109
194.34	4,822	11,544	194.86	5,243	14,161
194.35	4,830	11,593	194.87	5,251	14,214
194.36	4,838	11,641	194.88	5,259	14,266
194.37	4,846	11,689	194.89	5,267	14,319
194.38	4,854	11,738	194.90	5,275	14,371
194.39	4,863	11,786	194.91	5,283	14,424
194.40	4,871	11,835	194.92	5,291	14,477
194.41	4,879	11,884	194.93	5,299	14,530
194.42	4,887	11,933	194.94	5,307	14,583
194.43	4,895	11,982	194.95	5,316	14,636
194.44	4,903	12,030	194.96	5,324	14,689
194.45	4,911	12,080	194.97	5,332	14,743
194.46	4,919	12,129	194.98	5,340	14,796
194.47	4,927	12,178	194.99	5,348	14,849
194.48	4,935	12,227	195.00	5,356	14,903
194.49	4,943	12,277	195.01	5,386	14,957
194.50	4,952	12,326	195.02	5,417	15,011
194.51	4,960	12,376	195.03	5,447	15,065
194.52	4,968	12,425	195.04	5,477	15,120
194.53	4,976	12,475	195.05	5,507	15,175
194.54	4,984	12,525	195.06	5,538	15,230
194.55	4,992	12,575	195.07	5,568	15,285
194.56	5,000	12,625	195.08	5,598	15,341
194.57	5,008	12,675	195.09	5,629	15,397
194.58	5,016	12,725	195.10	5,659	15,454
194.59	5,024	12,775	195.11	5,689	15,510
194.60	5,032	12,825	195.12	5,719	15,568
194.61	5,040	12,876	195.13	5,750	15,625
194.62	5,049	12,926	195.14	5,780	15,683
194.63	5,057	12,977	195.15	5,810	15,740

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,840	15,799
195.17	5,871	15,857
195.18	5,901	15,916
195.19	5,931	15,975
195.20	5,962	16,035
195.21	5,992	16,095
195.22	6,022	16,155
195.23	6,052	16,215
195.24	6,083	16,276
195.25	6,113	16,337

Summary for Pond B-37A: Basin #37A

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 3.38" for Current 10 yr event
 Inflow = 7.42 cfs @ 12.17 hrs, Volume= 0.606 af
 Outflow = 3.85 cfs @ 12.34 hrs, Volume= 0.523 af, Atten= 48%, Lag= 9.8 min
 Primary = 3.85 cfs @ 12.34 hrs, Volume= 0.523 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.89' @ 12.34 hrs Surf.Area= 5,003 sf Storage= 11,428 cf

Plug-Flow detention time= 235.4 min calculated for 0.523 af (86% of inflow)
 Center-of-Mass det. time= 169.7 min (961.6 - 791.9)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	17,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	2,990	0	0
195.00	3,633	3,312	3,312
196.00	4,332	3,983	7,294
197.00	5,089	4,711	12,005
198.00	5,901	5,495	17,500

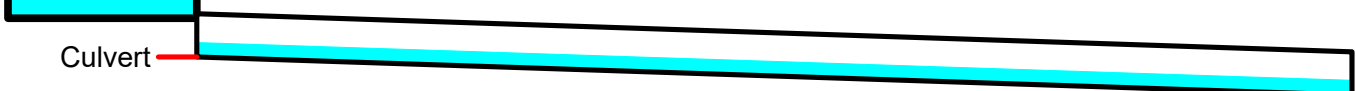
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.07'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.48'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.82 cfs @ 12.34 hrs HW=196.88' (Free Discharge)

1=Culvert (Passes 3.82 cfs of 11.33 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.54 cfs @ 6.18 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.28 cfs @ 2.08 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

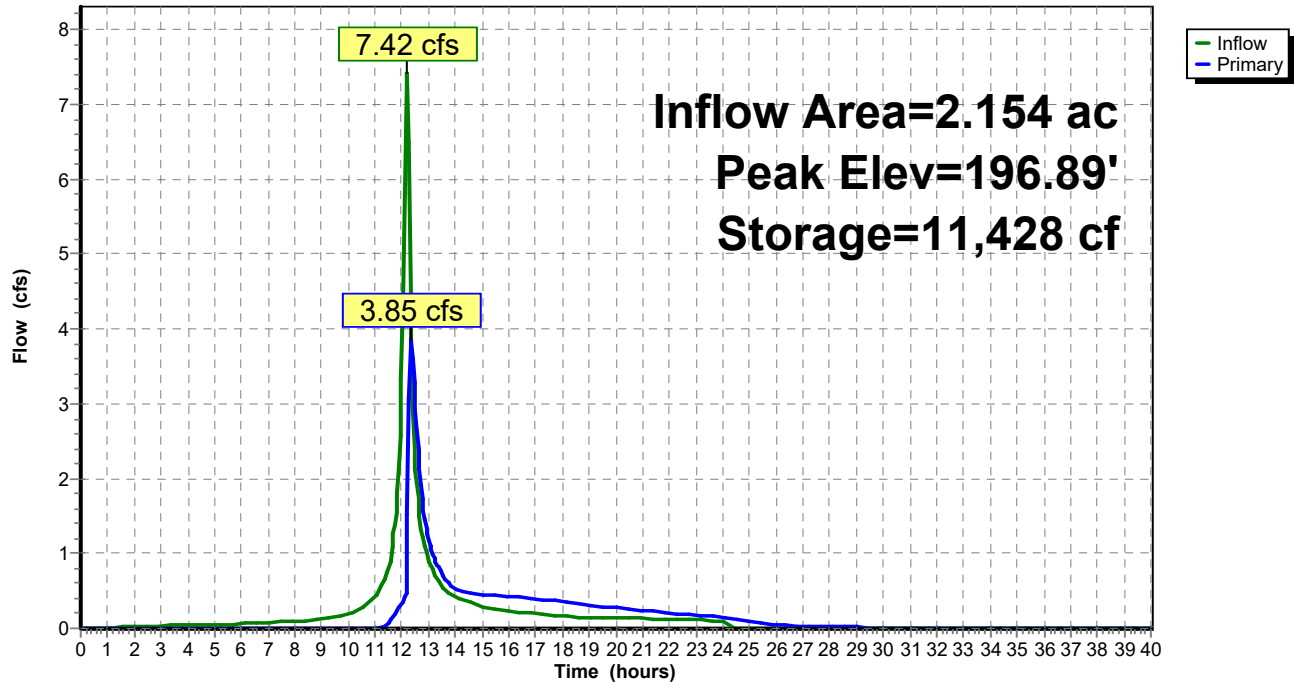
Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Pond B-37A: Basin #37A
 Orifice/Grate

Culvert



Pond B-37A: Basin #37A

Hydrograph



Hydrograph for Pond B-37A: Basin #37A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	1	194.00	0.00
1.10	0.01	2	194.00	0.00
1.20	0.01	4	194.00	0.00
1.30	0.01	7	194.00	0.00
1.40	0.01	11	194.00	0.00
1.50	0.01	16	194.01	0.00
1.60	0.02	21	194.01	0.00
1.70	0.02	27	194.01	0.00
1.80	0.02	33	194.01	0.00
1.90	0.02	40	194.01	0.00
2.00	0.02	48	194.02	0.00
2.10	0.02	56	194.02	0.00
2.20	0.03	65	194.02	0.00
2.30	0.03	74	194.02	0.00
2.40	0.03	84	194.03	0.00
2.50	0.03	94	194.03	0.00
2.60	0.03	105	194.04	0.00
2.70	0.03	116	194.04	0.00
2.80	0.03	128	194.04	0.00
2.90	0.03	140	194.05	0.00
3.00	0.04	153	194.05	0.00
3.10	0.04	166	194.06	0.00
3.20	0.04	179	194.06	0.00
3.30	0.04	193	194.06	0.00
3.40	0.04	207	194.07	0.00
3.50	0.04	221	194.07	0.00
3.60	0.04	236	194.08	0.00
3.70	0.04	251	194.08	0.00
3.80	0.04	267	194.09	0.00
3.90	0.04	282	194.09	0.00
4.00	0.05	298	194.10	0.00
4.10	0.05	315	194.10	0.00
4.20	0.05	332	194.11	0.00
4.30	0.05	349	194.12	0.00
4.40	0.05	366	194.12	0.00
4.50	0.05	384	194.13	0.00
4.60	0.05	402	194.13	0.00
4.70	0.05	420	194.14	0.00
4.80	0.05	438	194.14	0.00
4.90	0.05	457	194.15	0.00
5.00	0.05	476	194.16	0.00
5.10	0.05	496	194.16	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	515	194.17	0.00
5.30	0.06	535	194.18	0.00
5.40	0.06	555	194.18	0.00
5.50	0.06	576	194.19	0.00
5.60	0.06	596	194.20	0.00
5.70	0.06	617	194.20	0.00
5.80	0.06	638	194.21	0.00
5.90	0.06	660	194.22	0.00
6.00	0.06	681	194.22	0.00
6.10	0.06	703	194.23	0.00
6.20	0.06	725	194.24	0.00
6.30	0.06	748	194.24	0.00
6.40	0.07	772	194.25	0.00
6.50	0.07	796	194.26	0.00
6.60	0.07	821	194.27	0.00
6.70	0.07	846	194.27	0.00
6.80	0.07	872	194.28	0.00
6.90	0.08	899	194.29	0.00
7.00	0.08	927	194.30	0.00
7.10	0.08	955	194.31	0.00
7.20	0.08	984	194.32	0.00
7.30	0.08	1,013	194.33	0.00
7.40	0.08	1,043	194.34	0.00
7.50	0.09	1,074	194.35	0.00
7.60	0.09	1,105	194.36	0.00
7.70	0.09	1,137	194.37	0.00
7.80	0.09	1,170	194.38	0.00
7.90	0.09	1,203	194.39	0.00
8.00	0.10	1,238	194.40	0.00
8.10	0.10	1,272	194.41	0.00
8.20	0.10	1,308	194.42	0.00
8.30	0.10	1,344	194.43	0.00
8.40	0.10	1,381	194.44	0.00
8.50	0.10	1,418	194.45	0.00
8.60	0.11	1,456	194.46	0.00
8.70	0.11	1,495	194.48	0.00
8.80	0.11	1,534	194.49	0.00
8.90	0.11	1,574	194.50	0.00
9.00	0.12	1,616	194.51	0.00
9.10	0.12	1,658	194.52	0.00
9.20	0.13	1,703	194.54	0.00
9.30	0.14	1,750	194.55	0.00
9.40	0.14	1,800	194.57	0.00
9.50	0.15	1,854	194.58	0.00
9.60	0.16	1,910	194.60	0.00
9.70	0.17	1,971	194.62	0.00
9.80	0.18	2,034	194.64	0.00
9.90	0.19	2,101	194.66	0.00
10.00	0.20	2,172	194.68	0.00
10.10	0.21	2,246	194.70	0.00
10.20	0.22	2,325	194.72	0.00
10.30	0.23	2,407	194.75	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.25	2,493	194.77	0.00
10.50	0.26	2,584	194.80	0.00
10.60	0.27	2,679	194.82	0.00
10.70	0.30	2,783	194.85	0.00
10.80	0.34	2,899	194.89	0.00
10.90	0.38	3,028	194.92	0.00
11.00	0.42	3,172	194.96	0.00
11.10	0.47	3,330	195.01	0.00
11.20	0.53	3,509	195.05	0.00
11.30	0.61	3,714	195.11	0.00
11.40	0.69	3,941	195.17	0.02
11.50	0.77	4,188	195.24	0.06
11.60	0.94	4,458	195.31	0.11
11.70	1.25	4,805	195.40	0.17
11.80	1.55	5,234	195.50	0.22
11.90	2.13	5,801	195.65	0.27
12.00	3.32	6,649	195.85	0.33
12.10	5.80	8,117	196.19	0.41
12.20	7.20	10,336	196.66	1.53
12.30	4.42	11,395	196.88	3.77
12.40	2.87	11,327	196.87	3.61
12.50	2.13	11,035	196.81	2.93
12.60	1.73	10,779	196.75	2.38
12.70	1.31	10,549	196.71	1.92
12.80	1.13	10,362	196.67	1.57
12.90	1.02	10,227	196.64	1.34
13.00	0.92	10,125	196.62	1.18
13.10	0.83	10,040	196.60	1.05
13.20	0.74	9,963	196.59	0.94
13.30	0.68	9,896	196.57	0.85
13.40	0.63	9,838	196.56	0.78
13.50	0.57	9,784	196.55	0.72
13.60	0.52	9,732	196.54	0.67
13.70	0.48	9,681	196.53	0.61
13.80	0.46	9,636	196.52	0.57
13.90	0.44	9,596	196.51	0.55
14.00	0.43	9,559	196.50	0.53
14.10	0.41	9,525	196.49	0.51
14.20	0.40	9,493	196.49	0.49
14.30	0.39	9,463	196.48	0.47
14.40	0.37	9,431	196.47	0.47
14.50	0.36	9,395	196.47	0.47
14.60	0.35	9,355	196.46	0.46
14.70	0.33	9,311	196.45	0.46
14.80	0.32	9,262	196.44	0.46
14.90	0.31	9,209	196.43	0.46
15.00	0.29	9,152	196.41	0.46
15.10	0.28	9,091	196.40	0.45
15.20	0.27	9,026	196.39	0.45
15.30	0.26	8,960	196.37	0.45
15.40	0.26	8,892	196.36	0.44
15.50	0.25	8,824	196.34	0.44

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.25	8,756	196.33	0.44
15.70	0.25	8,688	196.31	0.44
15.80	0.24	8,619	196.30	0.43
15.90	0.24	8,550	196.28	0.43
16.00	0.23	8,481	196.27	0.43
16.10	0.23	8,412	196.25	0.42
16.20	0.23	8,343	196.24	0.42
16.30	0.22	8,273	196.22	0.42
16.40	0.22	8,204	196.21	0.41
16.50	0.22	8,134	196.19	0.41
16.60	0.21	8,064	196.18	0.41
16.70	0.21	7,994	196.16	0.40
16.80	0.21	7,924	196.14	0.40
16.90	0.20	7,854	196.13	0.40
17.00	0.20	7,784	196.11	0.39
17.10	0.19	7,714	196.10	0.39
17.20	0.19	7,644	196.08	0.39
17.30	0.19	7,574	196.06	0.38
17.40	0.18	7,504	196.05	0.38
17.50	0.18	7,433	196.03	0.37
17.60	0.18	7,363	196.02	0.37
17.70	0.17	7,293	196.00	0.37
17.80	0.17	7,223	195.98	0.36
17.90	0.17	7,153	195.97	0.36
18.00	0.16	7,083	195.95	0.36
18.10	0.16	7,014	195.93	0.35
18.20	0.15	6,944	195.92	0.35
18.30	0.15	6,875	195.90	0.34
18.40	0.15	6,807	195.89	0.34
18.50	0.15	6,741	195.87	0.33
18.60	0.15	6,675	195.86	0.33
18.70	0.15	6,611	195.84	0.33
18.80	0.15	6,547	195.83	0.32
18.90	0.15	6,485	195.81	0.32
19.00	0.15	6,424	195.80	0.31
19.10	0.15	6,364	195.78	0.31
19.20	0.14	6,306	195.77	0.31
19.30	0.14	6,248	195.75	0.30
19.40	0.14	6,192	195.74	0.30
19.50	0.14	6,136	195.73	0.29
19.60	0.14	6,082	195.71	0.29
19.70	0.14	6,029	195.70	0.29
19.80	0.14	5,977	195.69	0.28
19.90	0.14	5,926	195.68	0.28
20.00	0.14	5,876	195.66	0.27
20.10	0.14	5,827	195.65	0.27
20.20	0.14	5,779	195.64	0.27
20.30	0.13	5,733	195.63	0.26
20.40	0.13	5,687	195.62	0.26
20.50	0.13	5,642	195.61	0.26
20.60	0.13	5,598	195.60	0.25
20.70	0.13	5,556	195.58	0.25

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	5,514	195.57	0.24
20.90	0.13	5,474	195.56	0.24
21.00	0.13	5,434	195.55	0.24
21.10	0.13	5,395	195.54	0.23
21.20	0.13	5,358	195.54	0.23
21.30	0.13	5,321	195.53	0.23
21.40	0.12	5,285	195.52	0.22
21.50	0.12	5,250	195.51	0.22
21.60	0.12	5,216	195.50	0.22
21.70	0.12	5,183	195.49	0.21
21.80	0.12	5,151	195.48	0.21
21.90	0.12	5,120	195.48	0.21
22.00	0.12	5,089	195.47	0.20
22.10	0.12	5,060	195.46	0.20
22.20	0.12	5,031	195.45	0.20
22.30	0.12	5,003	195.45	0.19
22.40	0.12	4,976	195.44	0.19
22.50	0.11	4,950	195.43	0.19
22.60	0.11	4,924	195.43	0.18
22.70	0.11	4,900	195.42	0.18
22.80	0.11	4,876	195.41	0.18
22.90	0.11	4,852	195.41	0.17
23.00	0.11	4,830	195.40	0.17
23.10	0.11	4,808	195.40	0.17
23.20	0.11	4,787	195.39	0.17
23.30	0.11	4,766	195.39	0.16
23.40	0.11	4,746	195.38	0.16
23.50	0.11	4,727	195.38	0.16
23.60	0.10	4,709	195.37	0.15
23.70	0.10	4,691	195.37	0.15
23.80	0.10	4,674	195.36	0.15
23.90	0.10	4,657	195.36	0.15
24.00	0.11	4,642	195.35	0.14
24.10	0.09	4,628	195.35	0.14
24.20	0.03	4,598	195.34	0.14
24.30	0.01	4,555	195.33	0.13
24.40	0.00	4,512	195.32	0.12
24.50	0.00	4,470	195.31	0.11
24.60	0.00	4,431	195.30	0.10
24.70	0.00	4,395	195.29	0.10
24.80	0.00	4,361	195.28	0.09
24.90	0.00	4,329	195.27	0.09
25.00	0.00	4,299	195.27	0.08
25.10	0.00	4,271	195.26	0.08
25.20	0.00	4,245	195.25	0.07
25.30	0.00	4,221	195.24	0.07
25.40	0.00	4,198	195.24	0.06
25.50	0.00	4,176	195.23	0.06
25.60	0.00	4,156	195.23	0.06
25.70	0.00	4,136	195.22	0.05
25.80	0.00	4,118	195.22	0.05
25.90	0.00	4,101	195.21	0.05

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,085	195.21	0.04
26.10	0.00	4,069	195.20	0.04
26.20	0.00	4,055	195.20	0.04
26.30	0.00	4,041	195.20	0.04
26.40	0.00	4,028	195.19	0.04
26.50	0.00	4,015	195.19	0.03
26.60	0.00	4,003	195.19	0.03
26.70	0.00	3,992	195.18	0.03
26.80	0.00	3,981	195.18	0.03
26.90	0.00	3,971	195.18	0.03
27.00	0.00	3,961	195.18	0.03
27.10	0.00	3,951	195.17	0.03
27.20	0.00	3,942	195.17	0.02
27.30	0.00	3,934	195.17	0.02
27.40	0.00	3,925	195.17	0.02
27.50	0.00	3,917	195.16	0.02
27.60	0.00	3,910	195.16	0.02
27.70	0.00	3,903	195.16	0.02
27.80	0.00	3,896	195.16	0.02
27.90	0.00	3,889	195.16	0.02
28.00	0.00	3,883	195.15	0.02
28.10	0.00	3,876	195.15	0.02
28.20	0.00	3,870	195.15	0.02
28.30	0.00	3,864	195.15	0.02
28.40	0.00	3,859	195.15	0.02
28.50	0.00	3,853	195.15	0.02
28.60	0.00	3,848	195.15	0.01
28.70	0.00	3,843	195.14	0.01
28.80	0.00	3,838	195.14	0.01
28.90	0.00	3,833	195.14	0.01
29.00	0.00	3,828	195.14	0.01
29.10	0.00	3,823	195.14	0.01
29.20	0.00	3,819	195.14	0.01
29.30	0.00	3,815	195.14	0.01
29.40	0.00	3,810	195.14	0.01
29.50	0.00	3,806	195.13	0.01
29.60	0.00	3,803	195.13	0.01
29.70	0.00	3,799	195.13	0.01
29.80	0.00	3,795	195.13	0.01
29.90	0.00	3,792	195.13	0.01
30.00	0.00	3,788	195.13	0.01
30.10	0.00	3,785	195.13	0.01
30.20	0.00	3,782	195.13	0.01
30.30	0.00	3,778	195.13	0.01
30.40	0.00	3,775	195.13	0.01
30.50	0.00	3,772	195.13	0.01
30.60	0.00	3,770	195.12	0.01
30.70	0.00	3,767	195.12	0.01
30.80	0.00	3,764	195.12	0.01
30.90	0.00	3,762	195.12	0.01
31.00	0.00	3,759	195.12	0.01
31.10	0.00	3,757	195.12	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,754	195.12	0.01
31.30	0.00	3,752	195.12	0.01
31.40	0.00	3,750	195.12	0.01
31.50	0.00	3,748	195.12	0.01
31.60	0.00	3,746	195.12	0.01
31.70	0.00	3,743	195.12	0.01
31.80	0.00	3,741	195.12	0.01
31.90	0.00	3,739	195.12	0.01
32.00	0.00	3,737	195.12	0.01
32.10	0.00	3,735	195.12	0.01
32.20	0.00	3,733	195.11	0.01
32.30	0.00	3,731	195.11	0.01
32.40	0.00	3,729	195.11	0.01
32.50	0.00	3,727	195.11	0.01
32.60	0.00	3,726	195.11	0.01
32.70	0.00	3,724	195.11	0.01
32.80	0.00	3,722	195.11	0.01
32.90	0.00	3,720	195.11	0.00
33.00	0.00	3,718	195.11	0.00
33.10	0.00	3,717	195.11	0.00
33.20	0.00	3,715	195.11	0.00
33.30	0.00	3,713	195.11	0.00
33.40	0.00	3,712	195.11	0.00
33.50	0.00	3,710	195.11	0.00
33.60	0.00	3,708	195.11	0.00
33.70	0.00	3,707	195.11	0.00
33.80	0.00	3,705	195.11	0.00
33.90	0.00	3,704	195.11	0.00
34.00	0.00	3,702	195.11	0.00
34.10	0.00	3,701	195.11	0.00
34.20	0.00	3,699	195.11	0.00
34.30	0.00	3,698	195.11	0.00
34.40	0.00	3,696	195.10	0.00
34.50	0.00	3,695	195.10	0.00
34.60	0.00	3,693	195.10	0.00
34.70	0.00	3,692	195.10	0.00
34.80	0.00	3,691	195.10	0.00
34.90	0.00	3,689	195.10	0.00
35.00	0.00	3,688	195.10	0.00
35.10	0.00	3,687	195.10	0.00
35.20	0.00	3,685	195.10	0.00
35.30	0.00	3,684	195.10	0.00
35.40	0.00	3,683	195.10	0.00
35.50	0.00	3,682	195.10	0.00
35.60	0.00	3,680	195.10	0.00
35.70	0.00	3,679	195.10	0.00
35.80	0.00	3,678	195.10	0.00
35.90	0.00	3,677	195.10	0.00
36.00	0.00	3,676	195.10	0.00
36.10	0.00	3,675	195.10	0.00
36.20	0.00	3,673	195.10	0.00
36.30	0.00	3,672	195.10	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,671	195.10	0.00
36.50	0.00	3,670	195.10	0.00
36.60	0.00	3,669	195.10	0.00
36.70	0.00	3,668	195.10	0.00
36.80	0.00	3,667	195.10	0.00
36.90	0.00	3,666	195.10	0.00
37.00	0.00	3,665	195.10	0.00
37.10	0.00	3,664	195.10	0.00
37.20	0.00	3,663	195.10	0.00
37.30	0.00	3,662	195.10	0.00
37.40	0.00	3,661	195.10	0.00
37.50	0.00	3,660	195.10	0.00
37.60	0.00	3,660	195.09	0.00
37.70	0.00	3,659	195.09	0.00
37.80	0.00	3,658	195.09	0.00
37.90	0.00	3,657	195.09	0.00
38.00	0.00	3,656	195.09	0.00
38.10	0.00	3,655	195.09	0.00
38.20	0.00	3,654	195.09	0.00
38.30	0.00	3,654	195.09	0.00
38.40	0.00	3,653	195.09	0.00
38.50	0.00	3,652	195.09	0.00
38.60	0.00	3,651	195.09	0.00
38.70	0.00	3,650	195.09	0.00
38.80	0.00	3,650	195.09	0.00
38.90	0.00	3,649	195.09	0.00
39.00	0.00	3,648	195.09	0.00
39.10	0.00	3,647	195.09	0.00
39.20	0.00	3,647	195.09	0.00
39.30	0.00	3,646	195.09	0.00
39.40	0.00	3,645	195.09	0.00
39.50	0.00	3,645	195.09	0.00
39.60	0.00	3,644	195.09	0.00
39.70	0.00	3,643	195.09	0.00
39.80	0.00	3,643	195.09	0.00
39.90	0.00	3,642	195.09	0.00
40.00	0.00	3,641	195.09	0.00

Stage-Discharge for Pond B-37A: Basin #37A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.24
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.24
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.25
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.25
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.25
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.26
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.26
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.26
194.08	0.00	194.60	0.00	195.12	0.01	195.64	0.27
194.09	0.00	194.61	0.00	195.13	0.01	195.65	0.27
194.10	0.00	194.62	0.00	195.14	0.01	195.66	0.27
194.11	0.00	194.63	0.00	195.15	0.02	195.67	0.28
194.12	0.00	194.64	0.00	195.16	0.02	195.68	0.28
194.13	0.00	194.65	0.00	195.17	0.02	195.69	0.28
194.14	0.00	194.66	0.00	195.18	0.03	195.70	0.29
194.15	0.00	194.67	0.00	195.19	0.03	195.71	0.29
194.16	0.00	194.68	0.00	195.20	0.04	195.72	0.29
194.17	0.00	194.69	0.00	195.21	0.04	195.73	0.30
194.18	0.00	194.70	0.00	195.22	0.05	195.74	0.30
194.19	0.00	194.71	0.00	195.23	0.06	195.75	0.30
194.20	0.00	194.72	0.00	195.24	0.06	195.76	0.30
194.21	0.00	194.73	0.00	195.25	0.07	195.77	0.31
194.22	0.00	194.74	0.00	195.26	0.08	195.78	0.31
194.23	0.00	194.75	0.00	195.27	0.08	195.79	0.31
194.24	0.00	194.76	0.00	195.28	0.09	195.80	0.32
194.25	0.00	194.77	0.00	195.29	0.10	195.81	0.32
194.26	0.00	194.78	0.00	195.30	0.10	195.82	0.32
194.27	0.00	194.79	0.00	195.31	0.11	195.83	0.32
194.28	0.00	194.80	0.00	195.32	0.12	195.84	0.33
194.29	0.00	194.81	0.00	195.33	0.13	195.85	0.33
194.30	0.00	194.82	0.00	195.34	0.13	195.86	0.33
194.31	0.00	194.83	0.00	195.35	0.14	195.87	0.33
194.32	0.00	194.84	0.00	195.36	0.15	195.88	0.34
194.33	0.00	194.85	0.00	195.37	0.15	195.89	0.34
194.34	0.00	194.86	0.00	195.38	0.16	195.90	0.34
194.35	0.00	194.87	0.00	195.39	0.17	195.91	0.34
194.36	0.00	194.88	0.00	195.40	0.17	195.92	0.35
194.37	0.00	194.89	0.00	195.41	0.17	195.93	0.35
194.38	0.00	194.90	0.00	195.42	0.18	195.94	0.35
194.39	0.00	194.91	0.00	195.43	0.18	195.95	0.35
194.40	0.00	194.92	0.00	195.44	0.19	195.96	0.36
194.41	0.00	194.93	0.00	195.45	0.19	195.97	0.36
194.42	0.00	194.94	0.00	195.46	0.20	195.98	0.36
194.43	0.00	194.95	0.00	195.47	0.20	195.99	0.36
194.44	0.00	194.96	0.00	195.48	0.21	196.00	0.37
194.45	0.00	194.97	0.00	195.49	0.21	196.01	0.37
194.46	0.00	194.98	0.00	195.50	0.22	196.02	0.37
194.47	0.00	194.99	0.00	195.51	0.22	196.03	0.37
194.48	0.00	195.00	0.00	195.52	0.22	196.04	0.38
194.49	0.00	195.01	0.00	195.53	0.23	196.05	0.38
194.50	0.00	195.02	0.00	195.54	0.23	196.06	0.38
194.51	0.00	195.03	0.00	195.55	0.24	196.07	0.38

Stage-Discharge for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.39	196.60	1.03	197.12	7.06	197.64	12.35
196.09	0.39	196.61	1.10	197.13	7.21	197.65	12.36
196.10	0.39	196.62	1.17	197.14	7.36	197.66	12.37
196.11	0.39	196.63	1.25	197.15	7.51	197.67	12.38
196.12	0.39	196.64	1.33	197.16	7.67	197.68	12.40
196.13	0.40	196.65	1.41	197.17	7.82	197.69	12.41
196.14	0.40	196.66	1.49	197.18	7.98	197.70	12.42
196.15	0.40	196.67	1.58	197.19	8.13	197.71	12.44
196.16	0.40	196.68	1.66	197.20	8.29	197.72	12.45
196.17	0.41	196.69	1.75	197.21	8.45	197.73	12.46
196.18	0.41	196.70	1.84	197.22	8.61	197.74	12.47
196.19	0.41	196.71	1.94	197.23	8.77	197.75	12.49
196.20	0.41	196.72	2.03	197.24	8.93	197.76	12.50
196.21	0.41	196.73	2.13	197.25	9.09	197.77	12.51
196.22	0.42	196.74	2.23	197.26	9.26	197.78	12.52
196.23	0.42	196.75	2.33	197.27	9.42	197.79	12.54
196.24	0.42	196.76	2.43	197.28	9.59	197.80	12.55
196.25	0.42	196.77	2.53	197.29	9.75	197.81	12.56
196.26	0.43	196.78	2.64	197.30	9.92	197.82	12.57
196.27	0.43	196.79	2.75	197.31	10.09	197.83	12.59
196.28	0.43	196.80	2.86	197.32	10.25	197.84	12.60
196.29	0.43	196.81	2.97	197.33	10.42	197.85	12.61
196.30	0.43	196.82	3.08	197.34	10.59	197.86	12.63
196.31	0.44	196.83	3.19	197.35	10.76	197.87	12.64
196.32	0.44	196.84	3.31	197.36	10.93	197.88	12.65
196.33	0.44	196.85	3.42	197.37	11.11	197.89	12.66
196.34	0.44	196.86	3.54	197.38	11.28	197.90	12.68
196.35	0.44	196.87	3.66	197.39	11.45	197.91	12.69
196.36	0.45	196.88	3.78	197.40	11.63	197.92	12.70
196.37	0.45	196.89	3.90	197.41	11.80	197.93	12.71
196.38	0.45	196.90	4.03	197.42	11.98	197.94	12.73
196.39	0.45	196.91	4.15	197.43	12.07	197.95	12.74
196.40	0.45	196.92	4.28	197.44	12.09	197.96	12.87
196.41	0.46	196.93	4.41	197.45	12.10	197.97	13.09
196.42	0.46	196.94	4.54	197.46	12.11	197.98	13.38
196.43	0.46	196.95	4.67	197.47	12.13	197.99	13.73
196.44	0.46	196.96	4.80	197.48	12.14	198.00	14.11
196.45	0.46	196.97	4.93	197.49	12.15		
196.46	0.46	196.98	5.06	197.50	12.17		
196.47	0.47	196.99	5.20	197.51	12.18		
196.48	0.47	197.00	5.34	197.52	12.19		
196.49	0.48	197.01	5.47	197.53	12.20		
196.50	0.51	197.02	5.61	197.54	12.22		
196.51	0.54	197.03	5.75	197.55	12.23		
196.52	0.58	197.04	5.89	197.56	12.24		
196.53	0.62	197.05	6.03	197.57	12.26		
196.54	0.67	197.06	6.18	197.58	12.27		
196.55	0.72	197.07	6.32	197.59	12.28		
196.56	0.78	197.08	6.47	197.60	12.29		
196.57	0.84	197.09	6.61	197.61	12.31		
196.58	0.90	197.10	6.76	197.62	12.32		
196.59	0.96	197.11	6.91	197.63	12.33		

Stage-Area-Storage for Pond B-37A: Basin #37A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	2,990	0	194.52	3,324	1,642
194.01	2,996	30	194.53	3,331	1,675
194.02	3,003	60	194.54	3,337	1,708
194.03	3,009	90	194.55	3,344	1,742
194.04	3,016	120	194.56	3,350	1,775
194.05	3,022	150	194.57	3,357	1,809
194.06	3,029	181	194.58	3,363	1,842
194.07	3,035	211	194.59	3,369	1,876
194.08	3,041	241	194.60	3,376	1,910
194.09	3,048	272	194.61	3,382	1,944
194.10	3,054	302	194.62	3,389	1,977
194.11	3,061	333	194.63	3,395	2,011
194.12	3,067	363	194.64	3,402	2,045
194.13	3,074	394	194.65	3,408	2,079
194.14	3,080	425	194.66	3,414	2,113
194.15	3,086	456	194.67	3,421	2,148
194.16	3,093	487	194.68	3,427	2,182
194.17	3,099	518	194.69	3,434	2,216
194.18	3,106	549	194.70	3,440	2,251
194.19	3,112	580	194.71	3,447	2,285
194.20	3,119	611	194.72	3,453	2,319
194.21	3,125	642	194.73	3,459	2,354
194.22	3,131	673	194.74	3,466	2,389
194.23	3,138	705	194.75	3,472	2,423
194.24	3,144	736	194.76	3,479	2,458
194.25	3,151	768	194.77	3,485	2,493
194.26	3,157	799	194.78	3,492	2,528
194.27	3,164	831	194.79	3,498	2,563
194.28	3,170	862	194.80	3,504	2,598
194.29	3,176	894	194.81	3,511	2,633
194.30	3,183	926	194.82	3,517	2,668
194.31	3,189	958	194.83	3,524	2,703
194.32	3,196	990	194.84	3,530	2,738
194.33	3,202	1,022	194.85	3,537	2,774
194.34	3,209	1,054	194.86	3,543	2,809
194.35	3,215	1,086	194.87	3,549	2,845
194.36	3,221	1,118	194.88	3,556	2,880
194.37	3,228	1,150	194.89	3,562	2,916
194.38	3,234	1,183	194.90	3,569	2,951
194.39	3,241	1,215	194.91	3,575	2,987
194.40	3,247	1,247	194.92	3,582	3,023
194.41	3,254	1,280	194.93	3,588	3,059
194.42	3,260	1,313	194.94	3,594	3,095
194.43	3,266	1,345	194.95	3,601	3,131
194.44	3,273	1,378	194.96	3,607	3,167
194.45	3,279	1,411	194.97	3,614	3,203
194.46	3,286	1,443	194.98	3,620	3,239
194.47	3,292	1,476	194.99	3,627	3,275
194.48	3,299	1,509	195.00	3,633	3,312
194.49	3,305	1,542	195.01	3,640	3,348
194.50	3,312	1,575	195.02	3,647	3,384
194.51	3,318	1,609	195.03	3,654	3,421

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	3,661	3,457	195.56	4,024	5,456
195.05	3,668	3,494	195.57	4,031	5,496
195.06	3,675	3,531	195.58	4,038	5,536
195.07	3,682	3,568	195.59	4,045	5,577
195.08	3,689	3,604	195.60	4,052	5,617
195.09	3,696	3,641	195.61	4,059	5,658
195.10	3,703	3,678	195.62	4,066	5,698
195.11	3,710	3,715	195.63	4,073	5,739
195.12	3,717	3,752	195.64	4,080	5,780
195.13	3,724	3,790	195.65	4,087	5,821
195.14	3,731	3,827	195.66	4,094	5,862
195.15	3,738	3,864	195.67	4,101	5,903
195.16	3,745	3,902	195.68	4,108	5,944
195.17	3,752	3,939	195.69	4,115	5,985
195.18	3,759	3,977	195.70	4,122	6,026
195.19	3,766	4,014	195.71	4,129	6,067
195.20	3,773	4,052	195.72	4,136	6,108
195.21	3,780	4,090	195.73	4,143	6,150
195.22	3,787	4,128	195.74	4,150	6,191
195.23	3,794	4,166	195.75	4,157	6,233
195.24	3,801	4,204	195.76	4,164	6,274
195.25	3,808	4,242	195.77	4,171	6,316
195.26	3,815	4,280	195.78	4,178	6,358
195.27	3,822	4,318	195.79	4,185	6,400
195.28	3,829	4,356	195.80	4,192	6,442
195.29	3,836	4,394	195.81	4,199	6,484
195.30	3,843	4,433	195.82	4,206	6,526
195.31	3,850	4,471	195.83	4,213	6,568
195.32	3,857	4,510	195.84	4,220	6,610
195.33	3,864	4,548	195.85	4,227	6,652
195.34	3,871	4,587	195.86	4,234	6,694
195.35	3,878	4,626	195.87	4,241	6,737
195.36	3,885	4,665	195.88	4,248	6,779
195.37	3,892	4,704	195.89	4,255	6,822
195.38	3,899	4,743	195.90	4,262	6,864
195.39	3,906	4,782	195.91	4,269	6,907
195.40	3,913	4,821	195.92	4,276	6,950
195.41	3,920	4,860	195.93	4,283	6,992
195.42	3,927	4,899	195.94	4,290	7,035
195.43	3,934	4,938	195.95	4,297	7,078
195.44	3,941	4,978	195.96	4,304	7,121
195.45	3,948	5,017	195.97	4,311	7,164
195.46	3,955	5,057	195.98	4,318	7,207
195.47	3,962	5,096	195.99	4,325	7,251
195.48	3,969	5,136	196.00	4,332	7,294
195.49	3,976	5,176	196.01	4,340	7,337
195.50	3,983	5,215	196.02	4,347	7,381
195.51	3,989	5,255	196.03	4,355	7,424
195.52	3,996	5,295	196.04	4,362	7,468
195.53	4,003	5,335	196.05	4,370	7,512
195.54	4,010	5,375	196.06	4,377	7,555
195.55	4,017	5,415	196.07	4,385	7,599

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	4,393	7,643	196.60	4,786	10,029
196.09	4,400	7,687	196.61	4,794	10,077
196.10	4,408	7,731	196.62	4,801	10,125
196.11	4,415	7,775	196.63	4,809	10,173
196.12	4,423	7,819	196.64	4,816	10,222
196.13	4,430	7,864	196.65	4,824	10,270
196.14	4,438	7,908	196.66	4,832	10,318
196.15	4,446	7,952	196.67	4,839	10,366
196.16	4,453	7,997	196.68	4,847	10,415
196.17	4,461	8,041	196.69	4,854	10,463
196.18	4,468	8,086	196.70	4,862	10,512
196.19	4,476	8,131	196.71	4,869	10,561
196.20	4,483	8,176	196.72	4,877	10,609
196.21	4,491	8,220	196.73	4,885	10,658
196.22	4,499	8,265	196.74	4,892	10,707
196.23	4,506	8,310	196.75	4,900	10,756
196.24	4,514	8,355	196.76	4,907	10,805
196.25	4,521	8,401	196.77	4,915	10,854
196.26	4,529	8,446	196.78	4,922	10,903
196.27	4,536	8,491	196.79	4,930	10,953
196.28	4,544	8,537	196.80	4,938	11,002
196.29	4,552	8,582	196.81	4,945	11,051
196.30	4,559	8,628	196.82	4,953	11,101
196.31	4,567	8,673	196.83	4,960	11,150
196.32	4,574	8,719	196.84	4,968	11,200
196.33	4,582	8,765	196.85	4,975	11,250
196.34	4,589	8,811	196.86	4,983	11,299
196.35	4,597	8,857	196.87	4,991	11,349
196.36	4,605	8,903	196.88	4,998	11,399
196.37	4,612	8,949	196.89	5,006	11,449
196.38	4,620	8,995	196.90	5,013	11,499
196.39	4,627	9,041	196.91	5,021	11,550
196.40	4,635	9,087	196.92	5,028	11,600
196.41	4,642	9,134	196.93	5,036	11,650
196.42	4,650	9,180	196.94	5,044	11,701
196.43	4,658	9,227	196.95	5,051	11,751
196.44	4,665	9,273	196.96	5,059	11,802
196.45	4,673	9,320	196.97	5,066	11,852
196.46	4,680	9,367	196.98	5,074	11,903
196.47	4,688	9,414	196.99	5,081	11,954
196.48	4,695	9,461	197.00	5,089	12,005
196.49	4,703	9,508	197.01	5,097	12,055
196.50	4,711	9,555	197.02	5,105	12,106
196.51	4,718	9,602	197.03	5,113	12,158
196.52	4,726	9,649	197.04	5,121	12,209
196.53	4,733	9,696	197.05	5,130	12,260
196.54	4,741	9,744	197.06	5,138	12,311
196.55	4,748	9,791	197.07	5,146	12,363
196.56	4,756	9,839	197.08	5,154	12,414
196.57	4,763	9,886	197.09	5,162	12,466
196.58	4,771	9,934	197.10	5,170	12,517
196.59	4,779	9,982	197.11	5,178	12,569

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	5,186	12,621	197.64	5,609	15,428
197.13	5,195	12,673	197.65	5,617	15,484
197.14	5,203	12,725	197.66	5,625	15,540
197.15	5,211	12,777	197.67	5,633	15,596
197.16	5,219	12,829	197.68	5,641	15,653
197.17	5,227	12,881	197.69	5,649	15,709
197.18	5,235	12,934	197.70	5,657	15,766
197.19	5,243	12,986	197.71	5,666	15,822
197.20	5,251	13,039	197.72	5,674	15,879
197.21	5,260	13,091	197.73	5,682	15,936
197.22	5,268	13,144	197.74	5,690	15,993
197.23	5,276	13,196	197.75	5,698	16,050
197.24	5,284	13,249	197.76	5,706	16,107
197.25	5,292	13,302	197.77	5,714	16,164
197.26	5,300	13,355	197.78	5,722	16,221
197.27	5,308	13,408	197.79	5,730	16,278
197.28	5,316	13,461	197.80	5,739	16,336
197.29	5,324	13,514	197.81	5,747	16,393
197.30	5,333	13,568	197.82	5,755	16,450
197.31	5,341	13,621	197.83	5,763	16,508
197.32	5,349	13,675	197.84	5,771	16,566
197.33	5,357	13,728	197.85	5,779	16,623
197.34	5,365	13,782	197.86	5,787	16,681
197.35	5,373	13,835	197.87	5,795	16,739
197.36	5,381	13,889	197.88	5,804	16,797
197.37	5,389	13,943	197.89	5,812	16,855
197.38	5,398	13,997	197.90	5,820	16,913
197.39	5,406	14,051	197.91	5,828	16,972
197.40	5,414	14,105	197.92	5,836	17,030
197.41	5,422	14,159	197.93	5,844	17,088
197.42	5,430	14,213	197.94	5,852	17,147
197.43	5,438	14,268	197.95	5,860	17,205
197.44	5,446	14,322	197.96	5,869	17,264
197.45	5,454	14,377	197.97	5,877	17,323
197.46	5,463	14,431	197.98	5,885	17,382
197.47	5,471	14,486	197.99	5,893	17,441
197.48	5,479	14,541	198.00	5,901	17,500
197.49	5,487	14,596			
197.50	5,495	14,651			
197.51	5,503	14,705			
197.52	5,511	14,761			
197.53	5,519	14,816			
197.54	5,527	14,871			
197.55	5,536	14,926			
197.56	5,544	14,982			
197.57	5,552	15,037			
197.58	5,560	15,093			
197.59	5,568	15,148			
197.60	5,576	15,204			
197.61	5,584	15,260			
197.62	5,592	15,316			
197.63	5,601	15,372			

Summary for Pond B-37B: Basin #37B

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 3.71" for Current 10 yr event
 Inflow = 8.09 cfs @ 12.17 hrs, Volume= 0.674 af
 Outflow = 2.57 cfs @ 12.46 hrs, Volume= 0.546 af, Atten= 68%, Lag= 17.3 min
 Primary = 2.57 cfs @ 12.46 hrs, Volume= 0.546 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.95' @ 12.46 hrs Surf.Area= 6,870 sf Storage= 15,507 cf

Plug-Flow detention time= 479.9 min calculated for 0.546 af (81% of inflow)
 Center-of-Mass det. time= 401.5 min (1,181.6 - 780.1)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	23,353 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	3,709	0	0
195.00	4,724	4,217	4,217
196.00	5,796	5,260	9,477
197.00	6,924	6,360	15,837
198.00	8,108	7,516	23,353

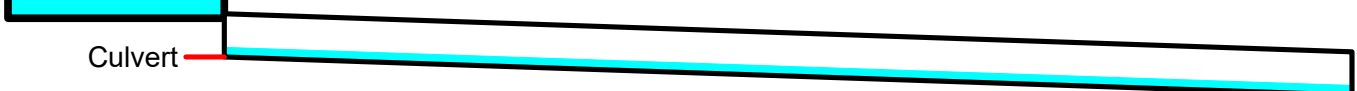
Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	195.10'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	196.63'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.95'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=2.56 cfs @ 12.46 hrs HW=196.95' (Free Discharge)

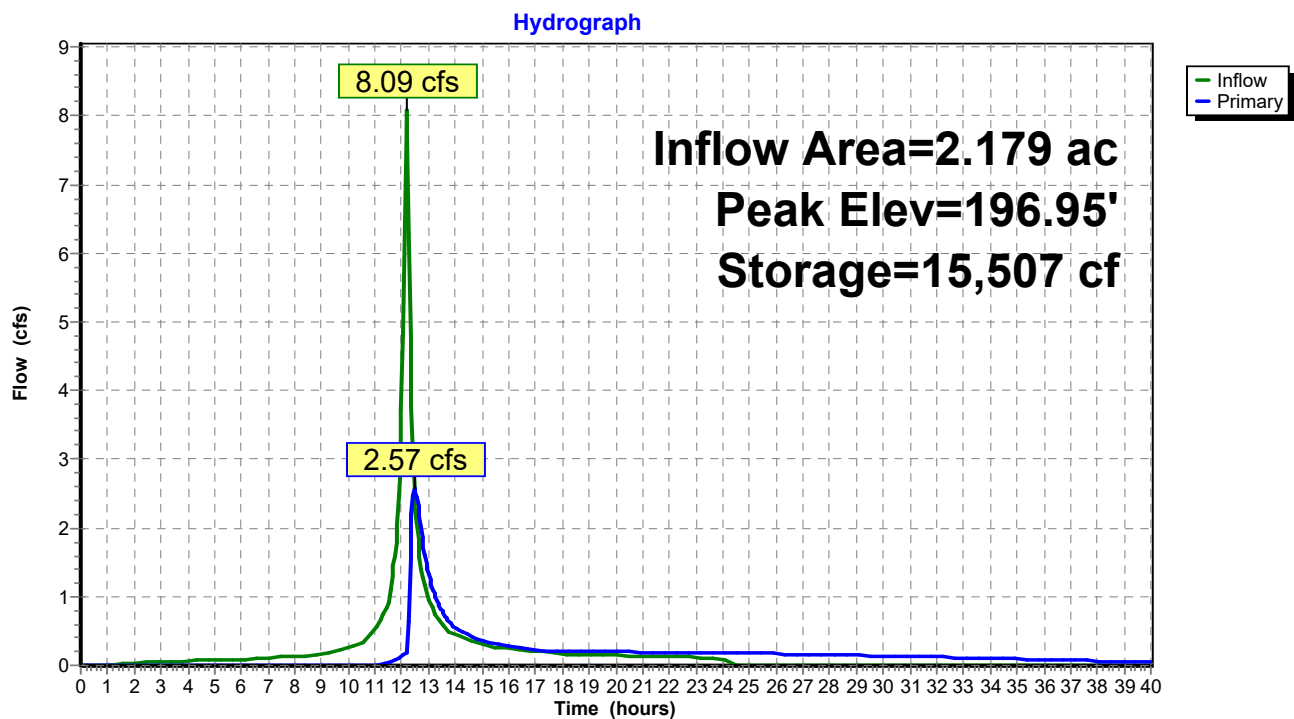
1=Culvert (Passes 2.56 cfs of 11.43 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.36 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.34 cfs @ 1.85 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-37B Basin #37B
 Orifice/Grate

Culvert



Pond B-37B: Basin #37B



Hydrograph for Pond B-37B: Basin #37B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	1	194.00	0.00
1.10	0.01	3	194.00	0.00
1.20	0.01	6	194.00	0.00
1.30	0.01	10	194.00	0.00
1.40	0.02	15	194.00	0.00
1.50	0.02	21	194.01	0.00
1.60	0.02	28	194.01	0.00
1.70	0.02	36	194.01	0.00
1.80	0.03	45	194.01	0.00
1.90	0.03	55	194.01	0.00
2.00	0.03	65	194.02	0.00
2.10	0.03	77	194.02	0.00
2.20	0.03	89	194.02	0.00
2.30	0.04	101	194.03	0.00
2.40	0.04	115	194.03	0.00
2.50	0.04	129	194.03	0.00
2.60	0.04	143	194.04	0.00
2.70	0.04	159	194.04	0.00
2.80	0.05	175	194.05	0.00
2.90	0.05	191	194.05	0.00
3.00	0.05	208	194.06	0.00
3.10	0.05	226	194.06	0.00
3.20	0.05	244	194.07	0.00
3.30	0.05	262	194.07	0.00
3.40	0.05	282	194.08	0.00
3.50	0.06	301	194.08	0.00
3.60	0.06	321	194.09	0.00
3.70	0.06	342	194.09	0.00
3.80	0.06	363	194.10	0.00
3.90	0.06	385	194.10	0.00
4.00	0.06	407	194.11	0.00
4.10	0.06	429	194.11	0.00
4.20	0.06	452	194.12	0.00
4.30	0.07	475	194.13	0.00
4.40	0.07	499	194.13	0.00
4.50	0.07	523	194.14	0.00
4.60	0.07	548	194.14	0.00
4.70	0.07	572	194.15	0.00
4.80	0.07	598	194.16	0.00
4.90	0.07	623	194.16	0.00
5.00	0.07	649	194.17	0.00
5.10	0.07	676	194.18	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	702	194.18	0.00
5.30	0.08	729	194.19	0.00
5.40	0.08	757	194.20	0.00
5.50	0.08	785	194.21	0.00
5.60	0.08	813	194.21	0.00
5.70	0.08	841	194.22	0.00
5.80	0.08	870	194.23	0.00
5.90	0.08	899	194.23	0.00
6.00	0.08	928	194.24	0.00
6.10	0.08	958	194.25	0.00
6.20	0.09	989	194.26	0.00
6.30	0.09	1,020	194.27	0.00
6.40	0.09	1,052	194.27	0.00
6.50	0.09	1,085	194.28	0.00
6.60	0.10	1,119	194.29	0.00
6.70	0.10	1,154	194.30	0.00
6.80	0.10	1,189	194.31	0.00
6.90	0.10	1,226	194.32	0.00
7.00	0.11	1,263	194.33	0.00
7.10	0.11	1,301	194.34	0.00
7.20	0.11	1,341	194.35	0.00
7.30	0.11	1,381	194.36	0.00
7.40	0.12	1,422	194.37	0.00
7.50	0.12	1,464	194.38	0.00
7.60	0.12	1,507	194.39	0.00
7.70	0.12	1,550	194.40	0.00
7.80	0.13	1,595	194.41	0.00
7.90	0.13	1,640	194.42	0.00
8.00	0.13	1,687	194.43	0.00
8.10	0.13	1,734	194.44	0.00
8.20	0.14	1,783	194.45	0.00
8.30	0.14	1,832	194.46	0.00
8.40	0.14	1,882	194.48	0.00
8.50	0.14	1,933	194.49	0.00
8.60	0.15	1,985	194.50	0.00
8.70	0.15	2,037	194.51	0.00
8.80	0.15	2,091	194.53	0.00
8.90	0.15	2,146	194.54	0.00
9.00	0.16	2,202	194.55	0.00
9.10	0.16	2,259	194.57	0.00
9.20	0.17	2,319	194.58	0.00
9.30	0.18	2,382	194.59	0.00
9.40	0.19	2,449	194.61	0.00
9.50	0.20	2,520	194.63	0.00
9.60	0.21	2,595	194.64	0.00
9.70	0.22	2,673	194.66	0.00
9.80	0.24	2,756	194.68	0.00
9.90	0.25	2,843	194.70	0.00
10.00	0.26	2,934	194.72	0.00
10.10	0.27	3,029	194.74	0.00
10.20	0.28	3,129	194.76	0.00
10.30	0.30	3,233	194.79	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	3,342	194.81	0.00
10.50	0.32	3,455	194.84	0.00
10.60	0.34	3,574	194.86	0.00
10.70	0.38	3,703	194.89	0.00
10.80	0.42	3,846	194.92	0.00
10.90	0.46	4,005	194.95	0.00
11.00	0.51	4,179	194.99	0.00
11.10	0.56	4,372	195.03	0.00
11.20	0.64	4,588	195.08	0.00
11.30	0.72	4,832	195.13	0.00
11.40	0.81	5,106	195.18	0.01
11.50	0.90	5,407	195.25	0.03
11.60	1.10	5,743	195.31	0.05
11.70	1.45	6,182	195.40	0.07
11.80	1.77	6,727	195.50	0.09
11.90	2.42	7,437	195.64	0.11
12.00	3.71	8,471	195.82	0.13
12.10	6.39	10,196	196.12	0.16
12.20	7.82	12,839	196.55	0.19
12.30	4.76	14,825	196.85	1.57
12.40	3.08	15,452	196.94	2.49
12.50	2.27	15,483	196.95	2.54
12.60	1.84	15,348	196.93	2.32
12.70	1.39	15,142	196.90	2.02
12.80	1.20	14,935	196.87	1.72
12.90	1.08	14,769	196.84	1.49
13.00	0.98	14,635	196.82	1.32
13.10	0.88	14,520	196.81	1.17
13.20	0.78	14,418	196.79	1.05
13.30	0.72	14,328	196.78	0.95
13.40	0.66	14,250	196.77	0.86
13.50	0.61	14,182	196.76	0.79
13.60	0.55	14,118	196.75	0.73
13.70	0.51	14,057	196.74	0.67
13.80	0.48	14,004	196.73	0.61
13.90	0.47	13,961	196.72	0.57
14.00	0.45	13,926	196.72	0.54
14.10	0.44	13,896	196.71	0.52
14.20	0.42	13,868	196.71	0.50
14.30	0.41	13,843	196.70	0.48
14.40	0.39	13,820	196.70	0.46
14.50	0.38	13,798	196.70	0.44
14.60	0.37	13,776	196.69	0.42
14.70	0.35	13,756	196.69	0.41
14.80	0.34	13,736	196.69	0.39
14.90	0.32	13,716	196.69	0.38
15.00	0.31	13,697	196.68	0.36
15.10	0.29	13,678	196.68	0.34
15.20	0.28	13,659	196.68	0.33
15.30	0.27	13,639	196.67	0.32
15.40	0.27	13,622	196.67	0.32
15.50	0.27	13,606	196.67	0.31

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	13,591	196.67	0.30
15.70	0.26	13,578	196.66	0.29
15.80	0.25	13,566	196.66	0.29
15.90	0.25	13,554	196.66	0.28
16.00	0.25	13,544	196.66	0.28
16.10	0.24	13,534	196.66	0.27
16.20	0.24	13,524	196.66	0.27
16.30	0.24	13,515	196.65	0.26
16.40	0.23	13,506	196.65	0.26
16.50	0.23	13,497	196.65	0.25
16.60	0.22	13,488	196.65	0.25
16.70	0.22	13,480	196.65	0.24
16.80	0.22	13,472	196.65	0.24
16.90	0.21	13,464	196.65	0.23
17.00	0.21	13,456	196.65	0.23
17.10	0.20	13,448	196.64	0.23
17.20	0.20	13,440	196.64	0.22
17.30	0.20	13,432	196.64	0.22
17.40	0.19	13,425	196.64	0.21
17.50	0.19	13,417	196.64	0.21
17.60	0.18	13,409	196.64	0.21
17.70	0.18	13,400	196.64	0.21
17.80	0.18	13,390	196.64	0.20
17.90	0.17	13,380	196.63	0.20
18.00	0.17	13,369	196.63	0.20
18.10	0.16	13,358	196.63	0.20
18.20	0.16	13,346	196.63	0.20
18.30	0.16	13,333	196.63	0.20
18.40	0.16	13,320	196.63	0.20
18.50	0.16	13,307	196.62	0.20
18.60	0.16	13,293	196.62	0.20
18.70	0.16	13,279	196.62	0.20
18.80	0.16	13,265	196.62	0.20
18.90	0.15	13,251	196.61	0.19
19.00	0.15	13,236	196.61	0.19
19.10	0.15	13,221	196.61	0.19
19.20	0.15	13,205	196.61	0.19
19.30	0.15	13,189	196.60	0.19
19.40	0.15	13,173	196.60	0.19
19.50	0.15	13,157	196.60	0.19
19.60	0.15	13,141	196.60	0.19
19.70	0.15	13,124	196.59	0.19
19.80	0.15	13,107	196.59	0.19
19.90	0.14	13,089	196.59	0.19
20.00	0.14	13,072	196.59	0.19
20.10	0.14	13,054	196.58	0.19
20.20	0.14	13,036	196.58	0.19
20.30	0.14	13,017	196.58	0.19
20.40	0.14	12,998	196.58	0.19
20.50	0.14	12,979	196.57	0.19
20.60	0.14	12,960	196.57	0.19
20.70	0.14	12,940	196.57	0.19

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	12,920	196.56	0.19
20.90	0.13	12,900	196.56	0.19
21.00	0.13	12,880	196.56	0.19
21.10	0.13	12,859	196.55	0.19
21.20	0.13	12,838	196.55	0.19
21.30	0.13	12,817	196.55	0.19
21.40	0.13	12,795	196.54	0.19
21.50	0.13	12,774	196.54	0.19
21.60	0.13	12,752	196.54	0.19
21.70	0.13	12,729	196.53	0.19
21.80	0.13	12,707	196.53	0.19
21.90	0.13	12,684	196.53	0.19
22.00	0.12	12,661	196.52	0.19
22.10	0.12	12,638	196.52	0.19
22.20	0.12	12,614	196.52	0.19
22.30	0.12	12,590	196.51	0.19
22.40	0.12	12,566	196.51	0.19
22.50	0.12	12,542	196.50	0.19
22.60	0.12	12,517	196.50	0.19
22.70	0.12	12,493	196.50	0.19
22.80	0.12	12,467	196.49	0.19
22.90	0.12	12,442	196.49	0.19
23.00	0.11	12,416	196.48	0.19
23.10	0.11	12,391	196.48	0.19
23.20	0.11	12,364	196.48	0.19
23.30	0.11	12,338	196.47	0.18
23.40	0.11	12,311	196.47	0.18
23.50	0.11	12,285	196.46	0.18
23.60	0.11	12,258	196.46	0.18
23.70	0.11	12,230	196.45	0.18
23.80	0.11	12,203	196.45	0.18
23.90	0.11	12,175	196.45	0.18
24.00	0.11	12,148	196.44	0.18
24.10	0.09	12,121	196.44	0.18
24.20	0.03	12,076	196.43	0.18
24.30	0.01	12,016	196.42	0.18
24.40	0.00	11,952	196.41	0.18
24.50	0.00	11,888	196.40	0.18
24.60	0.00	11,823	196.39	0.18
24.70	0.00	11,759	196.38	0.18
24.80	0.00	11,695	196.37	0.18
24.90	0.00	11,631	196.36	0.18
25.00	0.00	11,568	196.35	0.18
25.10	0.00	11,505	196.34	0.17
25.20	0.00	11,442	196.33	0.17
25.30	0.00	11,380	196.32	0.17
25.40	0.00	11,317	196.31	0.17
25.50	0.00	11,255	196.30	0.17
25.60	0.00	11,194	196.29	0.17
25.70	0.00	11,132	196.28	0.17
25.80	0.00	11,071	196.27	0.17
25.90	0.00	11,010	196.26	0.17

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,950	196.25	0.17
26.10	0.00	10,890	196.24	0.17
26.20	0.00	10,830	196.23	0.17
26.30	0.00	10,770	196.22	0.17
26.40	0.00	10,711	196.21	0.16
26.50	0.00	10,652	196.20	0.16
26.60	0.00	10,593	196.19	0.16
26.70	0.00	10,534	196.18	0.16
26.80	0.00	10,476	196.17	0.16
26.90	0.00	10,418	196.16	0.16
27.00	0.00	10,361	196.15	0.16
27.10	0.00	10,303	196.14	0.16
27.20	0.00	10,246	196.13	0.16
27.30	0.00	10,190	196.12	0.16
27.40	0.00	10,133	196.11	0.16
27.50	0.00	10,077	196.10	0.16
27.60	0.00	10,021	196.09	0.15
27.70	0.00	9,966	196.08	0.15
27.80	0.00	9,910	196.07	0.15
27.90	0.00	9,855	196.06	0.15
28.00	0.00	9,801	196.06	0.15
28.10	0.00	9,746	196.05	0.15
28.20	0.00	9,692	196.04	0.15
28.30	0.00	9,638	196.03	0.15
28.40	0.00	9,585	196.02	0.15
28.50	0.00	9,532	196.01	0.15
28.60	0.00	9,479	196.00	0.15
28.70	0.00	9,426	195.99	0.15
28.80	0.00	9,374	195.98	0.14
28.90	0.00	9,322	195.97	0.14
29.00	0.00	9,270	195.96	0.14
29.10	0.00	9,219	195.96	0.14
29.20	0.00	9,168	195.95	0.14
29.30	0.00	9,117	195.94	0.14
29.40	0.00	9,067	195.93	0.14
29.50	0.00	9,017	195.92	0.14
29.60	0.00	8,967	195.91	0.14
29.70	0.00	8,917	195.90	0.14
29.80	0.00	8,868	195.89	0.14
29.90	0.00	8,819	195.89	0.14
30.00	0.00	8,771	195.88	0.13
30.10	0.00	8,722	195.87	0.13
30.20	0.00	8,674	195.86	0.13
30.30	0.00	8,627	195.85	0.13
30.40	0.00	8,579	195.84	0.13
30.50	0.00	8,532	195.83	0.13
30.60	0.00	8,485	195.83	0.13
30.70	0.00	8,439	195.82	0.13
30.80	0.00	8,393	195.81	0.13
30.90	0.00	8,347	195.80	0.13
31.00	0.00	8,301	195.79	0.13
31.10	0.00	8,256	195.79	0.13

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,211	195.78	0.12
31.30	0.00	8,167	195.77	0.12
31.40	0.00	8,123	195.76	0.12
31.50	0.00	8,079	195.75	0.12
31.60	0.00	8,035	195.75	0.12
31.70	0.00	7,992	195.74	0.12
31.80	0.00	7,949	195.73	0.12
31.90	0.00	7,906	195.72	0.12
32.00	0.00	7,864	195.71	0.12
32.10	0.00	7,822	195.71	0.12
32.20	0.00	7,780	195.70	0.12
32.30	0.00	7,739	195.69	0.11
32.40	0.00	7,697	195.68	0.11
32.50	0.00	7,657	195.68	0.11
32.60	0.00	7,616	195.67	0.11
32.70	0.00	7,576	195.66	0.11
32.80	0.00	7,536	195.65	0.11
32.90	0.00	7,497	195.65	0.11
33.00	0.00	7,458	195.64	0.11
33.10	0.00	7,419	195.63	0.11
33.20	0.00	7,380	195.63	0.11
33.30	0.00	7,342	195.62	0.11
33.40	0.00	7,304	195.61	0.10
33.50	0.00	7,267	195.60	0.10
33.60	0.00	7,230	195.60	0.10
33.70	0.00	7,193	195.59	0.10
33.80	0.00	7,156	195.58	0.10
33.90	0.00	7,120	195.58	0.10
34.00	0.00	7,084	195.57	0.10
34.10	0.00	7,049	195.56	0.10
34.20	0.00	7,013	195.56	0.10
34.30	0.00	6,978	195.55	0.10
34.40	0.00	6,944	195.54	0.10
34.50	0.00	6,910	195.54	0.09
34.60	0.00	6,876	195.53	0.09
34.70	0.00	6,842	195.52	0.09
34.80	0.00	6,809	195.52	0.09
34.90	0.00	6,776	195.51	0.09
35.00	0.00	6,743	195.51	0.09
35.10	0.00	6,711	195.50	0.09
35.20	0.00	6,679	195.49	0.09
35.30	0.00	6,647	195.49	0.09
35.40	0.00	6,616	195.48	0.09
35.50	0.00	6,585	195.48	0.09
35.60	0.00	6,555	195.47	0.08
35.70	0.00	6,524	195.46	0.08
35.80	0.00	6,494	195.46	0.08
35.90	0.00	6,465	195.45	0.08
36.00	0.00	6,435	195.45	0.08
36.10	0.00	6,407	195.44	0.08
36.20	0.00	6,378	195.44	0.08
36.30	0.00	6,350	195.43	0.08

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,322	195.43	0.08
36.50	0.00	6,294	195.42	0.08
36.60	0.00	6,267	195.41	0.08
36.70	0.00	6,240	195.41	0.07
36.80	0.00	6,213	195.40	0.07
36.90	0.00	6,187	195.40	0.07
37.00	0.00	6,161	195.39	0.07
37.10	0.00	6,136	195.39	0.07
37.20	0.00	6,111	195.38	0.07
37.30	0.00	6,086	195.38	0.07
37.40	0.00	6,061	195.37	0.07
37.50	0.00	6,037	195.37	0.07
37.60	0.00	6,013	195.37	0.07
37.70	0.00	5,990	195.36	0.06
37.80	0.00	5,966	195.36	0.06
37.90	0.00	5,944	195.35	0.06
38.00	0.00	5,921	195.35	0.06
38.10	0.00	5,899	195.34	0.06
38.20	0.00	5,877	195.34	0.06
38.30	0.00	5,856	195.33	0.06
38.40	0.00	5,835	195.33	0.06
38.50	0.00	5,814	195.33	0.06
38.60	0.00	5,793	195.32	0.06
38.70	0.00	5,773	195.32	0.06
38.80	0.00	5,754	195.31	0.05
38.90	0.00	5,734	195.31	0.05
39.00	0.00	5,715	195.31	0.05
39.10	0.00	5,697	195.30	0.05
39.20	0.00	5,678	195.30	0.05
39.30	0.00	5,660	195.30	0.05
39.40	0.00	5,643	195.29	0.05
39.50	0.00	5,625	195.29	0.05
39.60	0.00	5,609	195.29	0.05
39.70	0.00	5,592	195.28	0.05
39.80	0.00	5,576	195.28	0.04
39.90	0.00	5,560	195.28	0.04
40.00	0.00	5,544	195.27	0.04

Stage-Discharge for Pond B-37B: Basin #37B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.00	195.04	0.00	195.56	0.10
194.01	0.00	194.53	0.00	195.05	0.00	195.57	0.10
194.02	0.00	194.54	0.00	195.06	0.00	195.58	0.10
194.03	0.00	194.55	0.00	195.07	0.00	195.59	0.10
194.04	0.00	194.56	0.00	195.08	0.00	195.60	0.10
194.05	0.00	194.57	0.00	195.09	0.00	195.61	0.10
194.06	0.00	194.58	0.00	195.10	0.00	195.62	0.11
194.07	0.00	194.59	0.00	195.11	0.00	195.63	0.11
194.08	0.00	194.60	0.00	195.12	0.00	195.64	0.11
194.09	0.00	194.61	0.00	195.13	0.00	195.65	0.11
194.10	0.00	194.62	0.00	195.14	0.00	195.66	0.11
194.11	0.00	194.63	0.00	195.15	0.00	195.67	0.11
194.12	0.00	194.64	0.00	195.16	0.01	195.68	0.11
194.13	0.00	194.65	0.00	195.17	0.01	195.69	0.11
194.14	0.00	194.66	0.00	195.18	0.01	195.70	0.12
194.15	0.00	194.67	0.00	195.19	0.01	195.71	0.12
194.16	0.00	194.68	0.00	195.20	0.02	195.72	0.12
194.17	0.00	194.69	0.00	195.21	0.02	195.73	0.12
194.18	0.00	194.70	0.00	195.22	0.02	195.74	0.12
194.19	0.00	194.71	0.00	195.23	0.03	195.75	0.12
194.20	0.00	194.72	0.00	195.24	0.03	195.76	0.12
194.21	0.00	194.73	0.00	195.25	0.03	195.77	0.12
194.22	0.00	194.74	0.00	195.26	0.04	195.78	0.12
194.23	0.00	194.75	0.00	195.27	0.04	195.79	0.13
194.24	0.00	194.76	0.00	195.28	0.05	195.80	0.13
194.25	0.00	194.77	0.00	195.29	0.05	195.81	0.13
194.26	0.00	194.78	0.00	195.30	0.05	195.82	0.13
194.27	0.00	194.79	0.00	195.31	0.05	195.83	0.13
194.28	0.00	194.80	0.00	195.32	0.06	195.84	0.13
194.29	0.00	194.81	0.00	195.33	0.06	195.85	0.13
194.30	0.00	194.82	0.00	195.34	0.06	195.86	0.13
194.31	0.00	194.83	0.00	195.35	0.06	195.87	0.13
194.32	0.00	194.84	0.00	195.36	0.06	195.88	0.13
194.33	0.00	194.85	0.00	195.37	0.07	195.89	0.14
194.34	0.00	194.86	0.00	195.38	0.07	195.90	0.14
194.35	0.00	194.87	0.00	195.39	0.07	195.91	0.14
194.36	0.00	194.88	0.00	195.40	0.07	195.92	0.14
194.37	0.00	194.89	0.00	195.41	0.07	195.93	0.14
194.38	0.00	194.90	0.00	195.42	0.08	195.94	0.14
194.39	0.00	194.91	0.00	195.43	0.08	195.95	0.14
194.40	0.00	194.92	0.00	195.44	0.08	195.96	0.14
194.41	0.00	194.93	0.00	195.45	0.08	195.97	0.14
194.42	0.00	194.94	0.00	195.46	0.08	195.98	0.14
194.43	0.00	194.95	0.00	195.47	0.08	195.99	0.15
194.44	0.00	194.96	0.00	195.48	0.09	196.00	0.15
194.45	0.00	194.97	0.00	195.49	0.09	196.01	0.15
194.46	0.00	194.98	0.00	195.50	0.09	196.02	0.15
194.47	0.00	194.99	0.00	195.51	0.09	196.03	0.15
194.48	0.00	195.00	0.00	195.52	0.09	196.04	0.15
194.49	0.00	195.01	0.00	195.53	0.09	196.05	0.15
194.50	0.00	195.02	0.00	195.54	0.10	196.06	0.15
194.51	0.00	195.03	0.00	195.55	0.10	196.07	0.15

Stage-Discharge for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	0.15	196.60	0.19	197.12	4.60	197.64	12.35
196.09	0.15	196.61	0.19	197.13	4.74	197.65	12.36
196.10	0.16	196.62	0.20	197.14	4.87	197.66	12.37
196.11	0.16	196.63	0.20	197.15	5.01	197.67	12.38
196.12	0.16	196.64	0.21	197.16	5.14	197.68	12.40
196.13	0.16	196.65	0.23	197.17	5.28	197.69	12.41
196.14	0.16	196.66	0.27	197.18	5.42	197.70	12.42
196.15	0.16	196.67	0.30	197.19	5.56	197.71	12.44
196.16	0.16	196.68	0.35	197.20	5.70	197.72	12.45
196.17	0.16	196.69	0.39	197.21	5.84	197.73	12.46
196.18	0.16	196.70	0.44	197.22	5.99	197.74	12.47
196.19	0.16	196.71	0.50	197.23	6.13	197.75	12.49
196.20	0.16	196.72	0.55	197.24	6.28	197.76	12.50
196.21	0.16	196.73	0.61	197.25	6.42	197.77	12.51
196.22	0.17	196.74	0.68	197.26	6.57	197.78	12.52
196.23	0.17	196.75	0.74	197.27	6.72	197.79	12.54
196.24	0.17	196.76	0.81	197.28	6.87	197.80	12.55
196.25	0.17	196.77	0.89	197.29	7.02	197.81	12.56
196.26	0.17	196.78	0.96	197.30	7.17	197.82	12.57
196.27	0.17	196.79	1.04	197.31	7.32	197.83	12.59
196.28	0.17	196.80	1.12	197.32	7.48	197.84	12.60
196.29	0.17	196.81	1.20	197.33	7.63	197.85	12.61
196.30	0.17	196.82	1.28	197.34	7.79	197.86	12.63
196.31	0.17	196.83	1.37	197.35	7.94	197.87	12.64
196.32	0.17	196.84	1.46	197.36	8.10	197.88	12.65
196.33	0.17	196.85	1.55	197.37	8.26	197.89	12.66
196.34	0.17	196.86	1.64	197.38	8.42	197.90	12.68
196.35	0.18	196.87	1.73	197.39	8.58	197.91	12.69
196.36	0.18	196.88	1.83	197.40	8.74	197.92	12.70
196.37	0.18	196.89	1.92	197.41	8.90	197.93	12.71
196.38	0.18	196.90	2.02	197.42	9.07	197.94	12.73
196.39	0.18	196.91	2.13	197.43	9.23	197.95	12.74
196.40	0.18	196.92	2.23	197.44	9.39	197.96	12.87
196.41	0.18	196.93	2.33	197.45	9.56	197.97	13.09
196.42	0.18	196.94	2.44	197.46	9.73	197.98	13.38
196.43	0.18	196.95	2.55	197.47	9.89	197.99	13.73
196.44	0.18	196.96	2.66	197.48	10.06	198.00	14.11
196.45	0.18	196.97	2.77	197.49	10.23		
196.46	0.18	196.98	2.88	197.50	10.40		
196.47	0.18	196.99	2.99	197.51	10.57		
196.48	0.19	197.00	3.11	197.52	10.74		
196.49	0.19	197.01	3.23	197.53	10.92		
196.50	0.19	197.02	3.34	197.54	11.09		
196.51	0.19	197.03	3.46	197.55	11.26		
196.52	0.19	197.04	3.59	197.56	11.44		
196.53	0.19	197.05	3.71	197.57	11.61		
196.54	0.19	197.06	3.83	197.58	11.79		
196.55	0.19	197.07	3.96	197.59	11.97		
196.56	0.19	197.08	4.08	197.60	12.14		
196.57	0.19	197.09	4.21	197.61	12.31		
196.58	0.19	197.10	4.34	197.62	12.32		
196.59	0.19	197.11	4.47	197.63	12.33		

Stage-Area-Storage for Pond B-37B: Basin #37B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	3,709	0	194.52	4,237	2,066
194.01	3,719	37	194.53	4,247	2,108
194.02	3,729	74	194.54	4,257	2,151
194.03	3,739	112	194.55	4,267	2,193
194.04	3,750	149	194.56	4,277	2,236
194.05	3,760	187	194.57	4,288	2,279
194.06	3,770	224	194.58	4,298	2,322
194.07	3,780	262	194.59	4,308	2,365
194.08	3,790	300	194.60	4,318	2,408
194.09	3,800	338	194.61	4,328	2,451
194.10	3,810	376	194.62	4,338	2,495
194.11	3,821	414	194.63	4,348	2,538
194.12	3,831	452	194.64	4,359	2,582
194.13	3,841	491	194.65	4,369	2,625
194.14	3,851	529	194.66	4,379	2,669
194.15	3,861	568	194.67	4,389	2,713
194.16	3,871	606	194.68	4,399	2,757
194.17	3,882	645	194.69	4,409	2,801
194.18	3,892	684	194.70	4,419	2,845
194.19	3,902	723	194.71	4,430	2,889
194.20	3,912	762	194.72	4,440	2,934
194.21	3,922	801	194.73	4,450	2,978
194.22	3,932	841	194.74	4,460	3,023
194.23	3,942	880	194.75	4,470	3,067
194.24	3,953	919	194.76	4,480	3,112
194.25	3,963	959	194.77	4,491	3,157
194.26	3,973	999	194.78	4,501	3,202
194.27	3,983	1,038	194.79	4,511	3,247
194.28	3,993	1,078	194.80	4,521	3,292
194.29	4,003	1,118	194.81	4,531	3,337
194.30	4,014	1,158	194.82	4,541	3,383
194.31	4,024	1,199	194.83	4,551	3,428
194.32	4,034	1,239	194.84	4,562	3,474
194.33	4,044	1,279	194.85	4,572	3,519
194.34	4,054	1,320	194.86	4,582	3,565
194.35	4,064	1,360	194.87	4,592	3,611
194.36	4,074	1,401	194.88	4,602	3,657
194.37	4,085	1,442	194.89	4,612	3,703
194.38	4,095	1,483	194.90	4,623	3,749
194.39	4,105	1,524	194.91	4,633	3,795
194.40	4,115	1,565	194.92	4,643	3,842
194.41	4,125	1,606	194.93	4,653	3,888
194.42	4,135	1,647	194.94	4,663	3,935
194.43	4,145	1,689	194.95	4,673	3,982
194.44	4,156	1,730	194.96	4,683	4,028
194.45	4,166	1,772	194.97	4,694	4,075
194.46	4,176	1,814	194.98	4,704	4,122
194.47	4,186	1,855	194.99	4,714	4,169
194.48	4,196	1,897	195.00	4,724	4,217
194.49	4,206	1,939	195.01	4,735	4,264
194.50	4,217	1,981	195.02	4,745	4,311
194.51	4,227	2,024	195.03	4,756	4,359

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	4,767	4,406	195.56	5,324	7,030
195.05	4,778	4,454	195.57	5,335	7,083
195.06	4,788	4,502	195.58	5,346	7,137
195.07	4,799	4,550	195.59	5,356	7,190
195.08	4,810	4,598	195.60	5,367	7,244
195.09	4,820	4,646	195.61	5,378	7,298
195.10	4,831	4,694	195.62	5,389	7,351
195.11	4,842	4,743	195.63	5,399	7,405
195.12	4,853	4,791	195.64	5,410	7,459
195.13	4,863	4,840	195.65	5,421	7,514
195.14	4,874	4,888	195.66	5,432	7,568
195.15	4,885	4,937	195.67	5,442	7,622
195.16	4,896	4,986	195.68	5,453	7,677
195.17	4,906	5,035	195.69	5,464	7,731
195.18	4,917	5,084	195.70	5,474	7,786
195.19	4,928	5,133	195.71	5,485	7,841
195.20	4,938	5,183	195.72	5,496	7,896
195.21	4,949	5,232	195.73	5,507	7,951
195.22	4,960	5,282	195.74	5,517	8,006
195.23	4,971	5,331	195.75	5,528	8,061
195.24	4,981	5,381	195.76	5,539	8,116
195.25	4,992	5,431	195.77	5,549	8,172
195.26	5,003	5,481	195.78	5,560	8,227
195.27	5,013	5,531	195.79	5,571	8,283
195.28	5,024	5,581	195.80	5,582	8,339
195.29	5,035	5,632	195.81	5,592	8,395
195.30	5,046	5,682	195.82	5,603	8,451
195.31	5,056	5,732	195.83	5,614	8,507
195.32	5,067	5,783	195.84	5,624	8,563
195.33	5,078	5,834	195.85	5,635	8,619
195.34	5,088	5,885	195.86	5,646	8,676
195.35	5,099	5,936	195.87	5,657	8,732
195.36	5,110	5,987	195.88	5,667	8,789
195.37	5,121	6,038	195.89	5,678	8,845
195.38	5,131	6,089	195.90	5,689	8,902
195.39	5,142	6,140	195.91	5,700	8,959
195.40	5,153	6,192	195.92	5,710	9,016
195.41	5,164	6,243	195.93	5,721	9,073
195.42	5,174	6,295	195.94	5,732	9,131
195.43	5,185	6,347	195.95	5,742	9,188
195.44	5,196	6,399	195.96	5,753	9,246
195.45	5,206	6,451	195.97	5,764	9,303
195.46	5,217	6,503	195.98	5,775	9,361
195.47	5,228	6,555	195.99	5,785	9,419
195.48	5,239	6,608	196.00	5,796	9,477
195.49	5,249	6,660	196.01	5,807	9,535
195.50	5,260	6,713	196.02	5,819	9,593
195.51	5,271	6,765	196.03	5,830	9,651
195.52	5,281	6,818	196.04	5,841	9,709
195.53	5,292	6,871	196.05	5,852	9,768
195.54	5,303	6,924	196.06	5,864	9,826
195.55	5,314	6,977	196.07	5,875	9,885

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	5,886	9,944	196.60	6,473	13,157
196.09	5,898	10,003	196.61	6,484	13,222
196.10	5,909	10,062	196.62	6,495	13,287
196.11	5,920	10,121	196.63	6,507	13,352
196.12	5,931	10,180	196.64	6,518	13,417
196.13	5,943	10,240	196.65	6,529	13,482
196.14	5,954	10,299	196.66	6,540	13,548
196.15	5,965	10,359	196.67	6,552	13,613
196.16	5,976	10,418	196.68	6,563	13,679
196.17	5,988	10,478	196.69	6,574	13,744
196.18	5,999	10,538	196.70	6,586	13,810
196.19	6,010	10,598	196.71	6,597	13,876
196.20	6,022	10,658	196.72	6,608	13,942
196.21	6,033	10,719	196.73	6,619	14,008
196.22	6,044	10,779	196.74	6,631	14,074
196.23	6,055	10,839	196.75	6,642	14,141
196.24	6,067	10,900	196.76	6,653	14,207
196.25	6,078	10,961	196.77	6,665	14,274
196.26	6,089	11,022	196.78	6,676	14,341
196.27	6,101	11,083	196.79	6,687	14,407
196.28	6,112	11,144	196.80	6,698	14,474
196.29	6,123	11,205	196.81	6,710	14,541
196.30	6,134	11,266	196.82	6,721	14,608
196.31	6,146	11,327	196.83	6,732	14,676
196.32	6,157	11,389	196.84	6,744	14,743
196.33	6,168	11,451	196.85	6,755	14,811
196.34	6,180	11,512	196.86	6,766	14,878
196.35	6,191	11,574	196.87	6,777	14,946
196.36	6,202	11,636	196.88	6,789	15,014
196.37	6,213	11,698	196.89	6,800	15,082
196.38	6,225	11,760	196.90	6,811	15,150
196.39	6,236	11,823	196.91	6,822	15,218
196.40	6,247	11,885	196.92	6,834	15,286
196.41	6,258	11,948	196.93	6,845	15,355
196.42	6,270	12,010	196.94	6,856	15,423
196.43	6,281	12,073	196.95	6,868	15,492
196.44	6,292	12,136	196.96	6,879	15,560
196.45	6,304	12,199	196.97	6,890	15,629
196.46	6,315	12,262	196.98	6,901	15,698
196.47	6,326	12,325	196.99	6,913	15,767
196.48	6,337	12,389	197.00	6,924	15,837
196.49	6,349	12,452	197.01	6,936	15,906
196.50	6,360	12,516	197.02	6,948	15,975
196.51	6,371	12,579	197.03	6,960	16,045
196.52	6,383	12,643	197.04	6,971	16,114
196.53	6,394	12,707	197.05	6,983	16,184
196.54	6,405	12,771	197.06	6,995	16,254
196.55	6,416	12,835	197.07	7,007	16,324
196.56	6,428	12,899	197.08	7,019	16,394
196.57	6,439	12,963	197.09	7,031	16,464
196.58	6,450	13,028	197.10	7,042	16,535
196.59	6,462	13,092	197.11	7,054	16,605

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	7,066	16,676	197.64	7,682	20,510
197.13	7,078	16,747	197.65	7,694	20,587
197.14	7,090	16,817	197.66	7,705	20,664
197.15	7,102	16,888	197.67	7,717	20,741
197.16	7,113	16,959	197.68	7,729	20,819
197.17	7,125	17,031	197.69	7,741	20,896
197.18	7,137	17,102	197.70	7,753	20,973
197.19	7,149	17,173	197.71	7,765	21,051
197.20	7,161	17,245	197.72	7,776	21,129
197.21	7,173	17,317	197.73	7,788	21,206
197.22	7,184	17,388	197.74	7,800	21,284
197.23	7,196	17,460	197.75	7,812	21,363
197.24	7,208	17,532	197.76	7,824	21,441
197.25	7,220	17,605	197.77	7,836	21,519
197.26	7,232	17,677	197.78	7,848	21,597
197.27	7,244	17,749	197.79	7,859	21,676
197.28	7,256	17,822	197.80	7,871	21,755
197.29	7,267	17,894	197.81	7,883	21,833
197.30	7,279	17,967	197.82	7,895	21,912
197.31	7,291	18,040	197.83	7,907	21,991
197.32	7,303	18,113	197.84	7,919	22,070
197.33	7,315	18,186	197.85	7,930	22,150
197.34	7,327	18,259	197.86	7,942	22,229
197.35	7,338	18,332	197.87	7,954	22,308
197.36	7,350	18,406	197.88	7,966	22,388
197.37	7,362	18,479	197.89	7,978	22,468
197.38	7,374	18,553	197.90	7,990	22,548
197.39	7,386	18,627	197.91	8,001	22,628
197.40	7,398	18,701	197.92	8,013	22,708
197.41	7,409	18,775	197.93	8,025	22,788
197.42	7,421	18,849	197.94	8,037	22,868
197.43	7,433	18,923	197.95	8,049	22,949
197.44	7,445	18,998	197.96	8,061	23,029
197.45	7,457	19,072	197.97	8,072	23,110
197.46	7,469	19,147	197.98	8,084	23,191
197.47	7,480	19,222	197.99	8,096	23,271
197.48	7,492	19,296	198.00	8,108	23,353
197.49	7,504	19,371			
197.50	7,516	19,447			
197.51	7,528	19,522			
197.52	7,540	19,597			
197.53	7,552	19,673			
197.54	7,563	19,748			
197.55	7,575	19,824			
197.56	7,587	19,900			
197.57	7,599	19,976			
197.58	7,611	20,052			
197.59	7,623	20,128			
197.60	7,634	20,204			
197.61	7,646	20,280			
197.62	7,658	20,357			
197.63	7,670	20,434			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 7.09 cfs @ 12.17 hrs, Volume= 0.575 af
 Outflow = 2.57 cfs @ 12.42 hrs, Volume= 0.486 af, Atten= 64%, Lag= 15.1 min
 Primary = 2.57 cfs @ 12.42 hrs, Volume= 0.486 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 207.01' @ 12.42 hrs Surf.Area= 6,907 sf Storage= 12,060 cf

Plug-Flow detention time= 417.6 min calculated for 0.486 af (84% of inflow)
 Center-of-Mass det. time= 346.5 min (1,142.9 - 796.5)

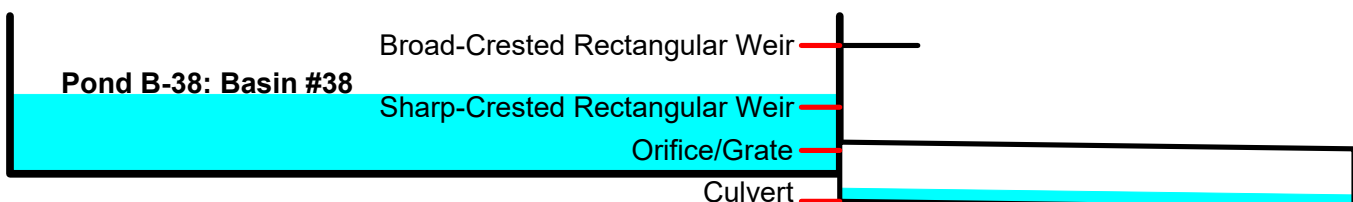
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	27,741 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	5,096	0	0
206.00	5,966	5,531	5,531
207.00	6,893	6,430	11,961
208.00	7,876	7,385	19,345
209.00	8,916	8,396	27,741

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.59'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.69'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	208.25'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

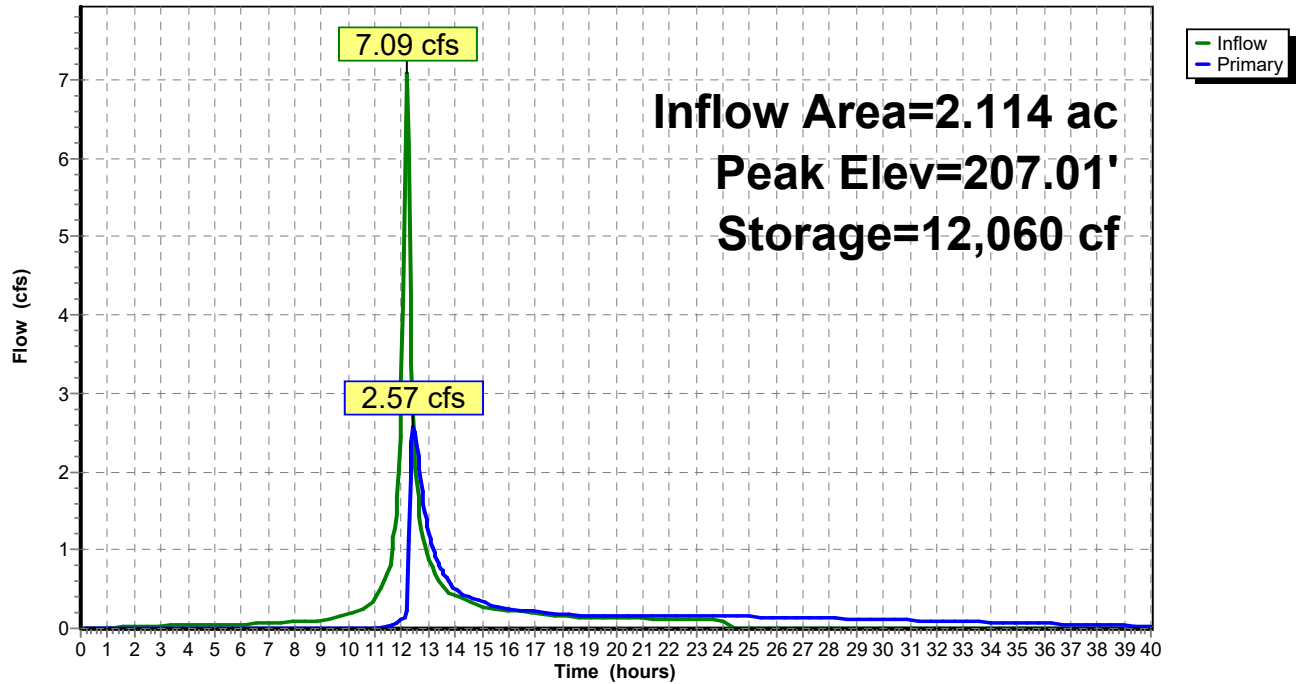
Primary OutFlow Max=2.54 cfs @ 12.42 hrs HW=207.01' (Free Discharge)

1=Culvert (Passes 2.54 cfs of 11.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.53 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.36 cfs @ 1.86 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.00	0	205.00	0.00
0.60	0.00	0	205.00	0.00
0.70	0.00	0	205.00	0.00
0.80	0.00	0	205.00	0.00
0.90	0.00	0	205.00	0.00
1.00	0.00	1	205.00	0.00
1.10	0.00	2	205.00	0.00
1.20	0.01	4	205.00	0.00
1.30	0.01	6	205.00	0.00
1.40	0.01	10	205.00	0.00
1.50	0.01	14	205.00	0.00
1.60	0.01	18	205.00	0.00
1.70	0.01	23	205.00	0.00
1.80	0.02	29	205.01	0.00
1.90	0.02	35	205.01	0.00
2.00	0.02	42	205.01	0.00
2.10	0.02	49	205.01	0.00
2.20	0.02	56	205.01	0.00
2.30	0.02	64	205.01	0.00
2.40	0.02	73	205.01	0.00
2.50	0.03	82	205.02	0.00
2.60	0.03	91	205.02	0.00
2.70	0.03	101	205.02	0.00
2.80	0.03	111	205.02	0.00
2.90	0.03	121	205.02	0.00
3.00	0.03	132	205.03	0.00
3.10	0.03	143	205.03	0.00
3.20	0.03	155	205.03	0.00
3.30	0.03	167	205.03	0.00
3.40	0.03	179	205.03	0.00
3.50	0.04	191	205.04	0.00
3.60	0.04	204	205.04	0.00
3.70	0.04	217	205.04	0.00
3.80	0.04	231	205.05	0.00
3.90	0.04	244	205.05	0.00
4.00	0.04	258	205.05	0.00
4.10	0.04	272	205.05	0.00
4.20	0.04	287	205.06	0.00
4.30	0.04	302	205.06	0.00
4.40	0.04	317	205.06	0.00
4.50	0.04	332	205.06	0.00
4.60	0.04	348	205.07	0.00
4.70	0.04	363	205.07	0.00
4.80	0.04	379	205.07	0.00
4.90	0.05	396	205.08	0.00
5.00	0.05	412	205.08	0.00
5.10	0.05	429	205.08	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	446	205.09	0.00
5.30	0.05	463	205.09	0.00
5.40	0.05	480	205.09	0.00
5.50	0.05	498	205.10	0.00
5.60	0.05	516	205.10	0.00
5.70	0.05	534	205.10	0.00
5.80	0.05	552	205.11	0.00
5.90	0.05	571	205.11	0.00
6.00	0.05	589	205.11	0.00
6.10	0.05	608	205.12	0.00
6.20	0.05	628	205.12	0.00
6.30	0.06	647	205.13	0.00
6.40	0.06	668	205.13	0.00
6.50	0.06	689	205.13	0.00
6.60	0.06	710	205.14	0.00
6.70	0.06	732	205.14	0.00
6.80	0.06	755	205.15	0.00
6.90	0.07	778	205.15	0.00
7.00	0.07	802	205.16	0.00
7.10	0.07	826	205.16	0.00
7.20	0.07	851	205.16	0.00
7.30	0.07	877	205.17	0.00
7.40	0.07	903	205.17	0.00
7.50	0.07	929	205.18	0.00
7.60	0.08	956	205.18	0.00
7.70	0.08	984	205.19	0.00
7.80	0.08	1,013	205.20	0.00
7.90	0.08	1,041	205.20	0.00
8.00	0.08	1,071	205.21	0.00
8.10	0.08	1,101	205.21	0.00
8.20	0.09	1,132	205.22	0.00
8.30	0.09	1,163	205.22	0.00
8.40	0.09	1,195	205.23	0.00
8.50	0.09	1,227	205.24	0.00
8.60	0.09	1,260	205.24	0.00
8.70	0.09	1,294	205.25	0.00
8.80	0.10	1,328	205.25	0.00
8.90	0.10	1,362	205.26	0.00
9.00	0.10	1,398	205.27	0.00
9.10	0.10	1,435	205.28	0.00
9.20	0.11	1,474	205.28	0.00
9.30	0.12	1,515	205.29	0.00
9.40	0.13	1,559	205.30	0.00
9.50	0.13	1,606	205.31	0.00
9.60	0.14	1,656	205.32	0.00
9.70	0.15	1,709	205.33	0.00
9.80	0.16	1,766	205.34	0.00
9.90	0.17	1,825	205.35	0.00
10.00	0.18	1,888	205.36	0.00
10.10	0.19	1,955	205.37	0.00
10.20	0.20	2,025	205.38	0.00
10.30	0.21	2,099	205.40	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,176	205.41	0.00
10.50	0.23	2,258	205.43	0.00
10.60	0.25	2,344	205.44	0.00
10.70	0.28	2,438	205.46	0.00
10.80	0.31	2,543	205.48	0.00
10.90	0.34	2,661	205.50	0.00
11.00	0.38	2,792	205.52	0.00
11.10	0.43	2,937	205.55	0.00
11.20	0.49	3,101	205.58	0.00
11.30	0.56	3,290	205.61	0.00
11.40	0.63	3,503	205.65	0.01
11.50	0.71	3,740	205.69	0.02
11.60	0.87	4,010	205.74	0.03
11.70	1.17	4,364	205.80	0.05
11.80	1.45	4,808	205.88	0.07
11.90	2.01	5,393	205.98	0.09
12.00	3.14	6,260	206.12	0.11
12.10	5.52	7,736	206.36	0.13
12.20	6.88	10,040	206.72	0.22
12.30	4.24	11,642	206.95	1.93
12.40	2.76	12,047	207.01	2.55
12.50	2.05	11,989	207.00	2.46
12.60	1.67	11,821	206.98	2.20
12.70	1.26	11,608	206.95	1.88
12.80	1.09	11,404	206.92	1.60
12.90	0.99	11,242	206.89	1.39
13.00	0.89	11,112	206.88	1.22
13.10	0.80	11,002	206.86	1.09
13.20	0.72	10,904	206.85	0.97
13.30	0.66	10,819	206.83	0.88
13.40	0.61	10,745	206.82	0.80
13.50	0.56	10,679	206.81	0.73
13.60	0.50	10,619	206.80	0.67
13.70	0.46	10,562	206.79	0.61
13.80	0.44	10,512	206.79	0.57
13.90	0.43	10,471	206.78	0.53
14.00	0.41	10,436	206.78	0.50
14.10	0.40	10,407	206.77	0.48
14.20	0.39	10,382	206.77	0.45
14.30	0.38	10,359	206.76	0.43
14.40	0.36	10,339	206.76	0.42
14.50	0.35	10,320	206.76	0.40
14.60	0.34	10,301	206.76	0.39
14.70	0.32	10,281	206.75	0.38
14.80	0.31	10,262	206.75	0.36
14.90	0.30	10,242	206.75	0.35
15.00	0.28	10,222	206.74	0.34
15.10	0.27	10,203	206.74	0.32
15.20	0.26	10,183	206.74	0.31
15.30	0.25	10,165	206.73	0.30
15.40	0.25	10,149	206.73	0.29
15.50	0.25	10,136	206.73	0.28

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.24	10,124	206.73	0.27
15.70	0.24	10,114	206.73	0.27
15.80	0.23	10,104	206.73	0.26
15.90	0.23	10,096	206.72	0.25
16.00	0.23	10,088	206.72	0.25
16.10	0.22	10,081	206.72	0.24
16.20	0.22	10,074	206.72	0.24
16.30	0.22	10,068	206.72	0.23
16.40	0.21	10,061	206.72	0.23
16.50	0.21	10,054	206.72	0.23
16.60	0.21	10,047	206.72	0.23
16.70	0.20	10,039	206.72	0.22
16.80	0.20	10,032	206.71	0.22
16.90	0.20	10,023	206.71	0.22
17.00	0.19	10,015	206.71	0.22
17.10	0.19	10,006	206.71	0.21
17.20	0.19	9,998	206.71	0.21
17.30	0.18	9,989	206.71	0.21
17.40	0.18	9,980	206.71	0.20
17.50	0.17	9,971	206.71	0.20
17.60	0.17	9,961	206.70	0.20
17.70	0.17	9,952	206.70	0.19
17.80	0.16	9,942	206.70	0.19
17.90	0.16	9,933	206.70	0.19
18.00	0.16	9,923	206.70	0.18
18.10	0.15	9,914	206.70	0.18
18.20	0.15	9,904	206.70	0.18
18.30	0.15	9,895	206.69	0.17
18.40	0.15	9,886	206.69	0.17
18.50	0.15	9,878	206.69	0.17
18.60	0.15	9,871	206.69	0.16
18.70	0.14	9,864	206.69	0.16
18.80	0.14	9,857	206.69	0.16
18.90	0.14	9,850	206.69	0.16
19.00	0.14	9,842	206.69	0.16
19.10	0.14	9,834	206.68	0.16
19.20	0.14	9,826	206.68	0.16
19.30	0.14	9,818	206.68	0.16
19.40	0.14	9,809	206.68	0.16
19.50	0.14	9,800	206.68	0.16
19.60	0.14	9,791	206.68	0.16
19.70	0.14	9,781	206.68	0.16
19.80	0.14	9,771	206.68	0.16
19.90	0.13	9,761	206.67	0.16
20.00	0.13	9,751	206.67	0.16
20.10	0.13	9,740	206.67	0.16
20.20	0.13	9,730	206.67	0.16
20.30	0.13	9,718	206.67	0.16
20.40	0.13	9,707	206.67	0.16
20.50	0.13	9,695	206.66	0.16
20.60	0.13	9,683	206.66	0.16
20.70	0.13	9,671	206.66	0.16

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	9,659	206.66	0.16
20.90	0.13	9,646	206.66	0.16
21.00	0.12	9,633	206.65	0.16
21.10	0.12	9,620	206.65	0.16
21.20	0.12	9,606	206.65	0.16
21.30	0.12	9,592	206.65	0.16
21.40	0.12	9,578	206.65	0.16
21.50	0.12	9,564	206.64	0.16
21.60	0.12	9,549	206.64	0.16
21.70	0.12	9,535	206.64	0.16
21.80	0.12	9,519	206.64	0.16
21.90	0.12	9,504	206.63	0.16
22.00	0.12	9,489	206.63	0.16
22.10	0.11	9,473	206.63	0.16
22.20	0.11	9,457	206.63	0.16
22.30	0.11	9,440	206.62	0.16
22.40	0.11	9,424	206.62	0.16
22.50	0.11	9,407	206.62	0.16
22.60	0.11	9,390	206.62	0.16
22.70	0.11	9,373	206.61	0.16
22.80	0.11	9,355	206.61	0.16
22.90	0.11	9,337	206.61	0.16
23.00	0.11	9,319	206.61	0.16
23.10	0.11	9,301	206.60	0.16
23.20	0.10	9,282	206.60	0.16
23.30	0.10	9,264	206.60	0.16
23.40	0.10	9,245	206.59	0.16
23.50	0.10	9,225	206.59	0.16
23.60	0.10	9,206	206.59	0.16
23.70	0.10	9,186	206.59	0.15
23.80	0.10	9,166	206.58	0.15
23.90	0.10	9,146	206.58	0.15
24.00	0.10	9,126	206.58	0.15
24.10	0.09	9,107	206.57	0.15
24.20	0.02	9,071	206.57	0.15
24.30	0.01	9,021	206.56	0.15
24.40	0.00	8,967	206.55	0.15
24.50	0.00	8,913	206.54	0.15
24.60	0.00	8,858	206.54	0.15
24.70	0.00	8,804	206.53	0.15
24.80	0.00	8,751	206.52	0.15
24.90	0.00	8,697	206.51	0.15
25.00	0.00	8,644	206.50	0.15
25.10	0.00	8,591	206.49	0.15
25.20	0.00	8,538	206.49	0.15
25.30	0.00	8,486	206.48	0.15
25.40	0.00	8,434	206.47	0.14
25.50	0.00	8,382	206.46	0.14
25.60	0.00	8,330	206.45	0.14
25.70	0.00	8,279	206.45	0.14
25.80	0.00	8,228	206.44	0.14
25.90	0.00	8,177	206.43	0.14

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,126	206.42	0.14
26.10	0.00	8,076	206.41	0.14
26.20	0.00	8,026	206.41	0.14
26.30	0.00	7,976	206.40	0.14
26.40	0.00	7,927	206.39	0.14
26.50	0.00	7,878	206.38	0.14
26.60	0.00	7,829	206.37	0.14
26.70	0.00	7,780	206.37	0.13
26.80	0.00	7,732	206.36	0.13
26.90	0.00	7,684	206.35	0.13
27.00	0.00	7,636	206.34	0.13
27.10	0.00	7,589	206.34	0.13
27.20	0.00	7,542	206.33	0.13
27.30	0.00	7,495	206.32	0.13
27.40	0.00	7,448	206.31	0.13
27.50	0.00	7,402	206.31	0.13
27.60	0.00	7,356	206.30	0.13
27.70	0.00	7,310	206.29	0.13
27.80	0.00	7,264	206.28	0.13
27.90	0.00	7,219	206.28	0.13
28.00	0.00	7,174	206.27	0.12
28.10	0.00	7,129	206.26	0.12
28.20	0.00	7,085	206.26	0.12
28.30	0.00	7,041	206.25	0.12
28.40	0.00	6,997	206.24	0.12
28.50	0.00	6,953	206.23	0.12
28.60	0.00	6,910	206.23	0.12
28.70	0.00	6,867	206.22	0.12
28.80	0.00	6,824	206.21	0.12
28.90	0.00	6,782	206.21	0.12
29.00	0.00	6,740	206.20	0.12
29.10	0.00	6,698	206.19	0.12
29.20	0.00	6,656	206.19	0.12
29.30	0.00	6,615	206.18	0.11
29.40	0.00	6,574	206.17	0.11
29.50	0.00	6,533	206.17	0.11
29.60	0.00	6,493	206.16	0.11
29.70	0.00	6,453	206.15	0.11
29.80	0.00	6,413	206.15	0.11
29.90	0.00	6,373	206.14	0.11
30.00	0.00	6,334	206.13	0.11
30.10	0.00	6,295	206.13	0.11
30.20	0.00	6,256	206.12	0.11
30.30	0.00	6,218	206.11	0.11
30.40	0.00	6,180	206.11	0.11
30.50	0.00	6,142	206.10	0.10
30.60	0.00	6,104	206.10	0.10
30.70	0.00	6,067	206.09	0.10
30.80	0.00	6,030	206.08	0.10
30.90	0.00	5,993	206.08	0.10
31.00	0.00	5,957	206.07	0.10
31.10	0.00	5,921	206.07	0.10

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,885	206.06	0.10
31.30	0.00	5,850	206.05	0.10
31.40	0.00	5,814	206.05	0.10
31.50	0.00	5,779	206.04	0.10
31.60	0.00	5,745	206.04	0.10
31.70	0.00	5,710	206.03	0.10
31.80	0.00	5,676	206.02	0.09
31.90	0.00	5,642	206.02	0.09
32.00	0.00	5,609	206.01	0.09
32.10	0.00	5,576	206.01	0.09
32.20	0.00	5,543	206.00	0.09
32.30	0.00	5,510	206.00	0.09
32.40	0.00	5,478	205.99	0.09
32.50	0.00	5,446	205.99	0.09
32.60	0.00	5,414	205.98	0.09
32.70	0.00	5,383	205.98	0.09
32.80	0.00	5,352	205.97	0.09
32.90	0.00	5,321	205.96	0.09
33.00	0.00	5,290	205.96	0.08
33.10	0.00	5,260	205.95	0.08
33.20	0.00	5,230	205.95	0.08
33.30	0.00	5,200	205.94	0.08
33.40	0.00	5,171	205.94	0.08
33.50	0.00	5,142	205.93	0.08
33.60	0.00	5,113	205.93	0.08
33.70	0.00	5,084	205.92	0.08
33.80	0.00	5,056	205.92	0.08
33.90	0.00	5,028	205.92	0.08
34.00	0.00	5,001	205.91	0.08
34.10	0.00	4,973	205.91	0.08
34.20	0.00	4,946	205.90	0.07
34.30	0.00	4,920	205.90	0.07
34.40	0.00	4,893	205.89	0.07
34.50	0.00	4,867	205.89	0.07
34.60	0.00	4,841	205.88	0.07
34.70	0.00	4,816	205.88	0.07
34.80	0.00	4,790	205.87	0.07
34.90	0.00	4,765	205.87	0.07
35.00	0.00	4,741	205.87	0.07
35.10	0.00	4,717	205.86	0.07
35.20	0.00	4,693	205.86	0.07
35.30	0.00	4,669	205.85	0.07
35.40	0.00	4,645	205.85	0.06
35.50	0.00	4,622	205.85	0.06
35.60	0.00	4,599	205.84	0.06
35.70	0.00	4,577	205.84	0.06
35.80	0.00	4,555	205.83	0.06
35.90	0.00	4,533	205.83	0.06
36.00	0.00	4,511	205.83	0.06
36.10	0.00	4,490	205.82	0.06
36.20	0.00	4,469	205.82	0.06
36.30	0.00	4,448	205.82	0.06

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,428	205.81	0.06
36.50	0.00	4,407	205.81	0.06
36.60	0.00	4,388	205.81	0.05
36.70	0.00	4,368	205.80	0.05
36.80	0.00	4,349	205.80	0.05
36.90	0.00	4,330	205.80	0.05
37.00	0.00	4,311	205.79	0.05
37.10	0.00	4,293	205.79	0.05
37.20	0.00	4,275	205.79	0.05
37.30	0.00	4,257	205.78	0.05
37.40	0.00	4,240	205.78	0.05
37.50	0.00	4,223	205.78	0.05
37.60	0.00	4,206	205.77	0.05
37.70	0.00	4,190	205.77	0.05
37.80	0.00	4,174	205.77	0.04
37.90	0.00	4,158	205.77	0.04
38.00	0.00	4,143	205.76	0.04
38.10	0.00	4,127	205.76	0.04
38.20	0.00	4,112	205.76	0.04
38.30	0.00	4,098	205.76	0.04
38.40	0.00	4,084	205.75	0.04
38.50	0.00	4,070	205.75	0.04
38.60	0.00	4,056	205.75	0.04
38.70	0.00	4,043	205.75	0.04
38.80	0.00	4,029	205.74	0.04
38.90	0.00	4,017	205.74	0.04
39.00	0.00	4,004	205.74	0.03
39.10	0.00	3,992	205.74	0.03
39.20	0.00	3,980	205.73	0.03
39.30	0.00	3,968	205.73	0.03
39.40	0.00	3,957	205.73	0.03
39.50	0.00	3,946	205.73	0.03
39.60	0.00	3,935	205.73	0.03
39.70	0.00	3,924	205.73	0.03
39.80	0.00	3,914	205.72	0.03
39.90	0.00	3,904	205.72	0.03
40.00	0.00	3,894	205.72	0.03

Stage-Discharge for Pond B-38: Basin #38

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.00	206.04	0.10	206.56	0.15
205.01	0.00	205.53	0.00	206.05	0.10	206.57	0.15
205.02	0.00	205.54	0.00	206.06	0.10	206.58	0.15
205.03	0.00	205.55	0.00	206.07	0.10	206.59	0.16
205.04	0.00	205.56	0.00	206.08	0.10	206.60	0.16
205.05	0.00	205.57	0.00	206.09	0.10	206.61	0.16
205.06	0.00	205.58	0.00	206.10	0.10	206.62	0.16
205.07	0.00	205.59	0.00	206.11	0.11	206.63	0.16
205.08	0.00	205.60	0.00	206.12	0.11	206.64	0.16
205.09	0.00	205.61	0.00	206.13	0.11	206.65	0.16
205.10	0.00	205.62	0.00	206.14	0.11	206.66	0.16
205.11	0.00	205.63	0.00	206.15	0.11	206.67	0.16
205.12	0.00	205.64	0.00	206.16	0.11	206.68	0.16
205.13	0.00	205.65	0.01	206.17	0.11	206.69	0.16
205.14	0.00	205.66	0.01	206.18	0.11	206.70	0.18
205.15	0.00	205.67	0.01	206.19	0.12	206.71	0.20
205.16	0.00	205.68	0.01	206.20	0.12	206.72	0.23
205.17	0.00	205.69	0.02	206.21	0.12	206.73	0.27
205.18	0.00	205.70	0.02	206.22	0.12	206.74	0.31
205.19	0.00	205.71	0.02	206.23	0.12	206.75	0.36
205.20	0.00	205.72	0.03	206.24	0.12	206.76	0.41
205.21	0.00	205.73	0.03	206.25	0.12	206.77	0.47
205.22	0.00	205.74	0.03	206.26	0.12	206.78	0.52
205.23	0.00	205.75	0.04	206.27	0.12	206.79	0.58
205.24	0.00	205.76	0.04	206.28	0.13	206.80	0.65
205.25	0.00	205.77	0.05	206.29	0.13	206.81	0.71
205.26	0.00	205.78	0.05	206.30	0.13	206.82	0.78
205.27	0.00	205.79	0.05	206.31	0.13	206.83	0.86
205.28	0.00	205.80	0.05	206.32	0.13	206.84	0.93
205.29	0.00	205.81	0.06	206.33	0.13	206.85	1.01
205.30	0.00	205.82	0.06	206.34	0.13	206.86	1.09
205.31	0.00	205.83	0.06	206.35	0.13	206.87	1.17
205.32	0.00	205.84	0.06	206.36	0.13	206.88	1.25
205.33	0.00	205.85	0.06	206.37	0.13	206.89	1.34
205.34	0.00	205.86	0.07	206.38	0.14	206.90	1.43
205.35	0.00	205.87	0.07	206.39	0.14	206.91	1.52
205.36	0.00	205.88	0.07	206.40	0.14	206.92	1.61
205.37	0.00	205.89	0.07	206.41	0.14	206.93	1.70
205.38	0.00	205.90	0.07	206.42	0.14	206.94	1.80
205.39	0.00	205.91	0.08	206.43	0.14	206.95	1.90
205.40	0.00	205.92	0.08	206.44	0.14	206.96	1.99
205.41	0.00	205.93	0.08	206.45	0.14	206.97	2.10
205.42	0.00	205.94	0.08	206.46	0.14	206.98	2.20
205.43	0.00	205.95	0.08	206.47	0.14	206.99	2.30
205.44	0.00	205.96	0.08	206.48	0.15	207.00	2.41
205.45	0.00	205.97	0.09	206.49	0.15	207.01	2.52
205.46	0.00	205.98	0.09	206.50	0.15	207.02	2.63
205.47	0.00	205.99	0.09	206.51	0.15	207.03	2.74
205.48	0.00	206.00	0.09	206.52	0.15	207.04	2.85
205.49	0.00	206.01	0.09	206.53	0.15	207.05	2.97
205.50	0.00	206.02	0.09	206.54	0.15	207.06	3.08
205.51	0.00	206.03	0.10	206.55	0.15	207.07	3.20

Stage-Discharge for Pond B-38: Basin #38 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	11.06	208.12	14.91	208.64	47.04
207.09	3.44	207.61	11.24	208.13	14.93	208.65	48.37
207.10	3.56	207.62	11.41	208.14	14.96	208.66	49.76
207.11	3.68	207.63	11.59	208.15	14.98	208.67	51.18
207.12	3.80	207.64	11.77	208.16	15.01	208.68	52.62
207.13	3.93	207.65	11.94	208.17	15.03	208.69	54.08
207.14	4.06	207.66	12.12	208.18	15.05	208.70	55.58
207.15	4.18	207.67	12.30	208.19	15.08	208.71	57.09
207.16	4.31	207.68	12.48	208.20	15.10	208.72	58.64
207.17	4.44	207.69	12.66	208.21	15.13	208.73	60.21
207.18	4.58	207.70	12.84	208.22	15.15	208.74	61.81
207.19	4.71	207.71	13.02	208.23	15.17	208.75	63.43
207.20	4.84	207.72	13.20	208.24	15.20	208.76	65.08
207.21	4.98	207.73	13.39	208.25	15.22	208.77	66.76
207.22	5.12	207.74	13.57	208.26	15.36	208.78	68.46
207.23	5.25	207.75	13.75	208.27	15.60	208.79	70.19
207.24	5.39	207.76	13.94	208.28	15.90	208.80	71.95
207.25	5.53	207.77	14.03	208.29	16.25	208.81	73.73
207.26	5.67	207.78	14.06	208.30	16.65	208.82	75.54
207.27	5.82	207.79	14.08	208.31	17.09	208.83	77.38
207.28	5.96	207.80	14.11	208.32	17.56	208.84	79.24
207.29	6.10	207.81	14.14	208.33	18.07	208.85	81.14
207.30	6.25	207.82	14.16	208.34	18.61	208.86	82.78
207.31	6.40	207.83	14.19	208.35	19.17	208.87	84.45
207.32	6.54	207.84	14.21	208.36	19.77	208.88	86.12
207.33	6.69	207.85	14.24	208.37	20.40	208.89	87.81
207.34	6.84	207.86	14.26	208.38	21.05	208.90	89.51
207.35	6.99	207.87	14.29	208.39	21.72	208.91	91.23
207.36	7.14	207.88	14.31	208.40	22.42	208.92	92.96
207.37	7.30	207.89	14.34	208.41	23.14	208.93	94.70
207.38	7.45	207.90	14.36	208.42	23.89	208.94	96.45
207.39	7.61	207.91	14.39	208.43	24.66	208.95	98.22
207.40	7.76	207.92	14.41	208.44	25.44	208.96	100.00
207.41	7.92	207.93	14.44	208.45	26.25	208.97	101.79
207.42	8.08	207.94	14.46	208.46	27.12	208.98	103.60
207.43	8.23	207.95	14.49	208.47	28.02	208.99	105.42
207.44	8.39	207.96	14.51	208.48	28.94	209.00	107.25
207.45	8.55	207.97	14.54	208.49	29.89		
207.46	8.72	207.98	14.56	208.50	30.86		
207.47	8.88	207.99	14.59	208.51	31.85		
207.48	9.04	208.00	14.61	208.52	32.88		
207.49	9.20	208.01	14.64	208.53	33.92		
207.50	9.37	208.02	14.66	208.54	34.99		
207.51	9.54	208.03	14.69	208.55	36.09		
207.52	9.70	208.04	14.71	208.56	37.21		
207.53	9.87	208.05	14.74	208.57	38.35		
207.54	10.04	208.06	14.76	208.58	39.52		
207.55	10.21	208.07	14.79	208.59	40.71		
207.56	10.38	208.08	14.81	208.60	41.93		
207.57	10.55	208.09	14.84	208.61	43.17		
207.58	10.72	208.10	14.86	208.62	44.43		
207.59	10.89	208.11	14.88	208.63	45.72		

Stage-Area-Storage for Pond B-38: Basin #38

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	5,096	0	205.52	5,548	2,768
205.01	5,105	51	205.53	5,557	2,823
205.02	5,113	102	205.54	5,566	2,879
205.03	5,122	153	205.55	5,575	2,934
205.04	5,131	205	205.56	5,583	2,990
205.05	5,140	256	205.57	5,592	3,046
205.06	5,148	307	205.58	5,601	3,102
205.07	5,157	359	205.59	5,609	3,158
205.08	5,166	410	205.60	5,618	3,214
205.09	5,174	462	205.61	5,627	3,270
205.10	5,183	514	205.62	5,635	3,327
205.11	5,192	566	205.63	5,644	3,383
205.12	5,200	618	205.64	5,653	3,440
205.13	5,209	670	205.65	5,662	3,496
205.14	5,218	722	205.66	5,670	3,553
205.15	5,227	774	205.67	5,679	3,610
205.16	5,235	826	205.68	5,688	3,666
205.17	5,244	879	205.69	5,696	3,723
205.18	5,253	931	205.70	5,705	3,780
205.19	5,261	984	205.71	5,714	3,837
205.20	5,270	1,037	205.72	5,722	3,895
205.21	5,279	1,089	205.73	5,731	3,952
205.22	5,287	1,142	205.74	5,740	4,009
205.23	5,296	1,195	205.75	5,749	4,067
205.24	5,305	1,248	205.76	5,757	4,124
205.25	5,314	1,301	205.77	5,766	4,182
205.26	5,322	1,354	205.78	5,775	4,240
205.27	5,331	1,408	205.79	5,783	4,297
205.28	5,340	1,461	205.80	5,792	4,355
205.29	5,348	1,514	205.81	5,801	4,413
205.30	5,357	1,568	205.82	5,809	4,471
205.31	5,366	1,622	205.83	5,818	4,529
205.32	5,374	1,675	205.84	5,827	4,588
205.33	5,383	1,729	205.85	5,835	4,646
205.34	5,392	1,783	205.86	5,844	4,704
205.35	5,400	1,837	205.87	5,853	4,763
205.36	5,409	1,891	205.88	5,862	4,821
205.37	5,418	1,945	205.89	5,870	4,880
205.38	5,427	1,999	205.90	5,879	4,939
205.39	5,435	2,054	205.91	5,888	4,998
205.40	5,444	2,108	205.92	5,896	5,057
205.41	5,453	2,162	205.93	5,905	5,116
205.42	5,461	2,217	205.94	5,914	5,175
205.43	5,470	2,272	205.95	5,922	5,234
205.44	5,479	2,326	205.96	5,931	5,293
205.45	5,487	2,381	205.97	5,940	5,352
205.46	5,496	2,436	205.98	5,949	5,412
205.47	5,505	2,491	205.99	5,957	5,471
205.48	5,514	2,546	206.00	5,966	5,531
205.49	5,522	2,601	206.01	5,975	5,591
205.50	5,531	2,657	206.02	5,985	5,651
205.51	5,540	2,712	206.03	5,994	5,710

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	6,003	5,770	206.56	6,485	9,017
206.05	6,012	5,830	206.57	6,494	9,082
206.06	6,022	5,891	206.58	6,504	9,147
206.07	6,031	5,951	206.59	6,513	9,212
206.08	6,040	6,011	206.60	6,522	9,277
206.09	6,049	6,072	206.61	6,531	9,343
206.10	6,059	6,132	206.62	6,541	9,408
206.11	6,068	6,193	206.63	6,550	9,474
206.12	6,077	6,254	206.64	6,559	9,539
206.13	6,087	6,314	206.65	6,569	9,605
206.14	6,096	6,375	206.66	6,578	9,670
206.15	6,105	6,436	206.67	6,587	9,736
206.16	6,114	6,497	206.68	6,596	9,802
206.17	6,124	6,559	206.69	6,606	9,868
206.18	6,133	6,620	206.70	6,615	9,934
206.19	6,142	6,681	206.71	6,624	10,001
206.20	6,151	6,743	206.72	6,633	10,067
206.21	6,161	6,804	206.73	6,643	10,133
206.22	6,170	6,866	206.74	6,652	10,200
206.23	6,179	6,928	206.75	6,661	10,266
206.24	6,188	6,990	206.76	6,671	10,333
206.25	6,198	7,051	206.77	6,680	10,400
206.26	6,207	7,113	206.78	6,689	10,466
206.27	6,216	7,176	206.79	6,698	10,533
206.28	6,226	7,238	206.80	6,708	10,600
206.29	6,235	7,300	206.81	6,717	10,668
206.30	6,244	7,363	206.82	6,726	10,735
206.31	6,253	7,425	206.83	6,735	10,802
206.32	6,263	7,488	206.84	6,745	10,869
206.33	6,272	7,550	206.85	6,754	10,937
206.34	6,281	7,613	206.86	6,763	11,005
206.35	6,290	7,676	206.87	6,772	11,072
206.36	6,300	7,739	206.88	6,782	11,140
206.37	6,309	7,802	206.89	6,791	11,208
206.38	6,318	7,865	206.90	6,800	11,276
206.39	6,328	7,928	206.91	6,810	11,344
206.40	6,337	7,992	206.92	6,819	11,412
206.41	6,346	8,055	206.93	6,828	11,480
206.42	6,355	8,118	206.94	6,837	11,549
206.43	6,365	8,182	206.95	6,847	11,617
206.44	6,374	8,246	206.96	6,856	11,686
206.45	6,383	8,310	206.97	6,865	11,754
206.46	6,392	8,373	206.98	6,874	11,823
206.47	6,402	8,437	206.99	6,884	11,892
206.48	6,411	8,501	207.00	6,893	11,961
206.49	6,420	8,566	207.01	6,903	12,029
206.50	6,430	8,630	207.02	6,913	12,099
206.51	6,439	8,694	207.03	6,922	12,168
206.52	6,448	8,759	207.04	6,932	12,237
206.53	6,457	8,823	207.05	6,942	12,306
206.54	6,467	8,888	207.06	6,952	12,376
206.55	6,476	8,953	207.07	6,962	12,445

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	6,972	12,515	207.60	7,483	16,273
207.09	6,981	12,585	207.61	7,493	16,348
207.10	6,991	12,655	207.62	7,502	16,423
207.11	7,001	12,725	207.63	7,512	16,498
207.12	7,011	12,795	207.64	7,522	16,573
207.13	7,021	12,865	207.65	7,532	16,649
207.14	7,031	12,935	207.66	7,542	16,724
207.15	7,040	13,006	207.67	7,552	16,799
207.16	7,050	13,076	207.68	7,561	16,875
207.17	7,060	13,147	207.69	7,571	16,951
207.18	7,070	13,217	207.70	7,581	17,026
207.19	7,080	13,288	207.71	7,591	17,102
207.20	7,090	13,359	207.72	7,601	17,178
207.21	7,099	13,430	207.73	7,611	17,254
207.22	7,109	13,501	207.74	7,620	17,330
207.23	7,119	13,572	207.75	7,630	17,407
207.24	7,129	13,643	207.76	7,640	17,483
207.25	7,139	13,714	207.77	7,650	17,560
207.26	7,149	13,786	207.78	7,660	17,636
207.27	7,158	13,857	207.79	7,670	17,713
207.28	7,168	13,929	207.80	7,679	17,789
207.29	7,178	14,001	207.81	7,689	17,866
207.30	7,188	14,073	207.82	7,699	17,943
207.31	7,198	14,145	207.83	7,709	18,020
207.32	7,208	14,217	207.84	7,719	18,097
207.33	7,217	14,289	207.85	7,729	18,175
207.34	7,227	14,361	207.86	7,738	18,252
207.35	7,237	14,433	207.87	7,748	18,329
207.36	7,247	14,506	207.88	7,758	18,407
207.37	7,257	14,578	207.89	7,768	18,485
207.38	7,267	14,651	207.90	7,778	18,562
207.39	7,276	14,724	207.91	7,788	18,640
207.40	7,286	14,796	207.92	7,797	18,718
207.41	7,296	14,869	207.93	7,807	18,796
207.42	7,306	14,942	207.94	7,817	18,874
207.43	7,316	15,015	207.95	7,827	18,952
207.44	7,326	15,089	207.96	7,837	19,031
207.45	7,335	15,162	207.97	7,847	19,109
207.46	7,345	15,235	207.98	7,856	19,188
207.47	7,355	15,309	207.99	7,866	19,266
207.48	7,365	15,382	208.00	7,876	19,345
207.49	7,375	15,456	208.01	7,886	19,424
207.50	7,385	15,530	208.02	7,897	19,503
207.51	7,394	15,604	208.03	7,907	19,582
207.52	7,404	15,678	208.04	7,918	19,661
207.53	7,414	15,752	208.05	7,928	19,740
207.54	7,424	15,826	208.06	7,938	19,819
207.55	7,434	15,900	208.07	7,949	19,899
207.56	7,443	15,975	208.08	7,959	19,978
207.57	7,453	16,049	208.09	7,970	20,058
207.58	7,463	16,124	208.10	7,980	20,138
207.59	7,473	16,198	208.11	7,990	20,218

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	8,001	20,298	208.64	8,542	24,599
208.13	8,011	20,378	208.65	8,552	24,684
208.14	8,022	20,458	208.66	8,562	24,770
208.15	8,032	20,538	208.67	8,573	24,855
208.16	8,042	20,618	208.68	8,583	24,941
208.17	8,053	20,699	208.69	8,594	25,027
208.18	8,063	20,780	208.70	8,604	25,113
208.19	8,074	20,860	208.71	8,614	25,199
208.20	8,084	20,941	208.72	8,625	25,285
208.21	8,094	21,022	208.73	8,635	25,372
208.22	8,105	21,103	208.74	8,646	25,458
208.23	8,115	21,184	208.75	8,656	25,545
208.24	8,126	21,265	208.76	8,666	25,631
208.25	8,136	21,347	208.77	8,677	25,718
208.26	8,146	21,428	208.78	8,687	25,805
208.27	8,157	21,509	208.79	8,698	25,892
208.28	8,167	21,591	208.80	8,708	25,979
208.29	8,178	21,673	208.81	8,718	26,066
208.30	8,188	21,755	208.82	8,729	26,153
208.31	8,198	21,837	208.83	8,739	26,240
208.32	8,209	21,919	208.84	8,750	26,328
208.33	8,219	22,001	208.85	8,760	26,415
208.34	8,230	22,083	208.86	8,770	26,503
208.35	8,240	22,165	208.87	8,781	26,591
208.36	8,250	22,248	208.88	8,791	26,679
208.37	8,261	22,330	208.89	8,802	26,767
208.38	8,271	22,413	208.90	8,812	26,855
208.39	8,282	22,496	208.91	8,822	26,943
208.40	8,292	22,579	208.92	8,833	27,031
208.41	8,302	22,662	208.93	8,843	27,119
208.42	8,313	22,745	208.94	8,854	27,208
208.43	8,323	22,828	208.95	8,864	27,296
208.44	8,334	22,911	208.96	8,874	27,385
208.45	8,344	22,994	208.97	8,885	27,474
208.46	8,354	23,078	208.98	8,895	27,563
208.47	8,365	23,162	208.99	8,906	27,652
208.48	8,375	23,245	209.00	8,916	27,741
208.49	8,386	23,329			
208.50	8,396	23,413			
208.51	8,406	23,497			
208.52	8,417	23,581			
208.53	8,427	23,665			
208.54	8,438	23,750			
208.55	8,448	23,834			
208.56	8,458	23,919			
208.57	8,469	24,003			
208.58	8,479	24,088			
208.59	8,490	24,173			
208.60	8,500	24,258			
208.61	8,510	24,343			
208.62	8,521	24,428			
208.63	8,531	24,513			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 3.42" for Current 10 yr event
 Inflow = 6.56 cfs @ 12.17 hrs, Volume= 0.537 af
 Outflow = 4.51 cfs @ 12.28 hrs, Volume= 0.462 af, Atten= 31%, Lag= 6.3 min
 Primary = 4.51 cfs @ 12.28 hrs, Volume= 0.462 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.46' @ 12.28 hrs Surf.Area= 4,164 sf Storage= 8,687 cf

Plug-Flow detention time= 172.4 min calculated for 0.462 af (86% of inflow)
 Center-of-Mass det. time= 105.9 min (896.0 - 790.1)

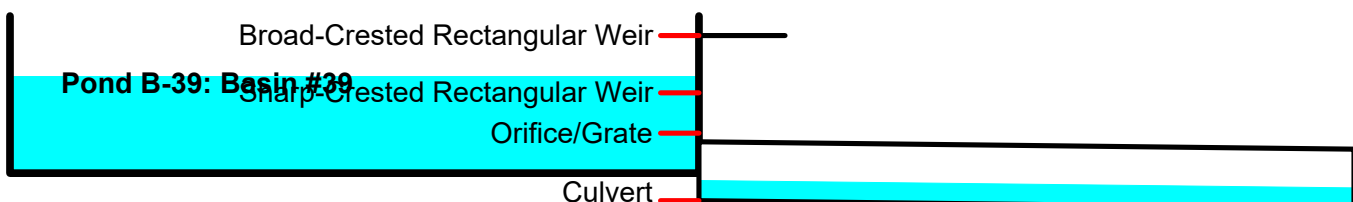
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	15,753 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	2,928	0	0
202.00	3,408	3,168	3,168
203.00	3,917	3,663	6,831
204.00	4,454	4,186	11,016
205.00	5,019	4,737	15,753

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.02'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.04'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

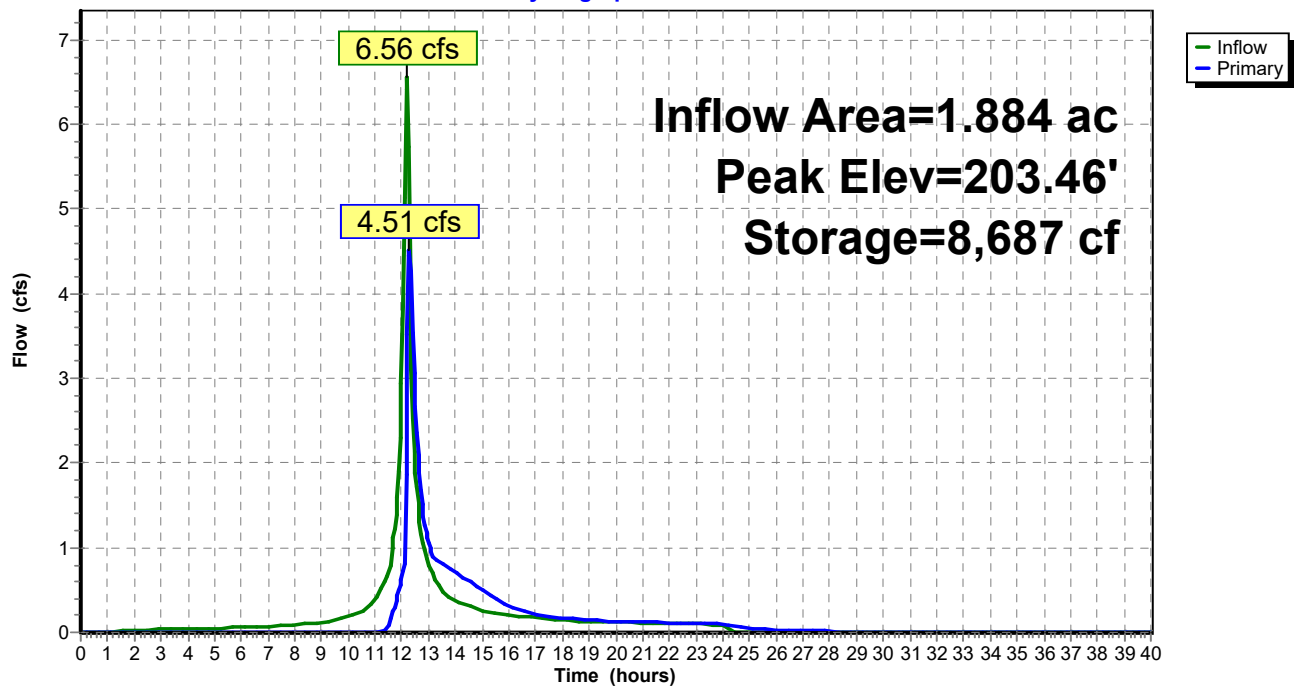
Primary OutFlow Max=4.45 cfs @ 12.28 hrs HW=203.46' (Free Discharge)

1=Culvert (Passes 4.45 cfs of 13.00 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.03 cfs @ 5.24 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 3.43 cfs @ 2.11 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	0	201.00	0.00
1.00	0.00	1	201.00	0.00
1.10	0.00	2	201.00	0.00
1.20	0.01	4	201.00	0.00
1.30	0.01	7	201.00	0.00
1.40	0.01	10	201.00	0.00
1.50	0.01	14	201.00	0.00
1.60	0.01	19	201.01	0.00
1.70	0.02	25	201.01	0.00
1.80	0.02	30	201.01	0.00
1.90	0.02	37	201.01	0.00
2.00	0.02	44	201.01	0.00
2.10	0.02	52	201.02	0.00
2.20	0.02	60	201.02	0.00
2.30	0.02	68	201.02	0.00
2.40	0.03	77	201.03	0.00
2.50	0.03	87	201.03	0.00
2.60	0.03	96	201.03	0.00
2.70	0.03	107	201.04	0.00
2.80	0.03	117	201.04	0.00
2.90	0.03	129	201.04	0.00
3.00	0.03	140	201.05	0.00
3.10	0.03	152	201.05	0.00
3.20	0.03	164	201.06	0.00
3.30	0.04	177	201.06	0.00
3.40	0.04	189	201.06	0.00
3.50	0.04	203	201.07	0.00
3.60	0.04	216	201.07	0.00
3.70	0.04	230	201.08	0.00
3.80	0.04	244	201.08	0.00
3.90	0.04	259	201.09	0.00
4.00	0.04	274	201.09	0.00
4.10	0.04	289	201.10	0.00
4.20	0.04	304	201.10	0.00
4.30	0.04	320	201.11	0.00
4.40	0.04	336	201.11	0.00
4.50	0.05	352	201.12	0.00
4.60	0.05	368	201.12	0.00
4.70	0.05	385	201.13	0.00
4.80	0.05	402	201.14	0.00
4.90	0.05	419	201.14	0.00
5.00	0.05	437	201.15	0.00
5.10	0.05	454	201.15	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	472	201.16	0.00
5.30	0.05	491	201.17	0.00
5.40	0.05	509	201.17	0.00
5.50	0.05	528	201.18	0.00
5.60	0.05	547	201.18	0.00
5.70	0.05	566	201.19	0.00
5.80	0.05	585	201.20	0.00
5.90	0.05	605	201.20	0.00
6.00	0.06	625	201.21	0.00
6.10	0.06	645	201.22	0.00
6.20	0.06	665	201.22	0.00
6.30	0.06	686	201.23	0.00
6.40	0.06	708	201.24	0.00
6.50	0.06	730	201.24	0.00
6.60	0.06	753	201.25	0.00
6.70	0.07	776	201.26	0.00
6.80	0.07	800	201.27	0.00
6.90	0.07	824	201.28	0.00
7.00	0.07	850	201.28	0.00
7.10	0.07	875	201.29	0.00
7.20	0.07	902	201.30	0.00
7.30	0.08	929	201.31	0.00
7.40	0.08	956	201.32	0.00
7.50	0.08	985	201.33	0.00
7.60	0.08	1,013	201.34	0.00
7.70	0.08	1,043	201.35	0.00
7.80	0.08	1,073	201.36	0.00
7.90	0.09	1,103	201.37	0.00
8.00	0.09	1,135	201.38	0.00
8.10	0.09	1,167	201.39	0.00
8.20	0.09	1,199	201.40	0.00
8.30	0.09	1,232	201.41	0.00
8.40	0.09	1,266	201.42	0.00
8.50	0.10	1,300	201.43	0.00
8.60	0.10	1,335	201.44	0.00
8.70	0.10	1,371	201.45	0.00
8.80	0.10	1,407	201.46	0.00
8.90	0.10	1,444	201.47	0.00
9.00	0.11	1,481	201.49	0.00
9.10	0.11	1,520	201.50	0.00
9.20	0.12	1,561	201.51	0.00
9.30	0.12	1,604	201.53	0.00
9.40	0.13	1,650	201.54	0.00
9.50	0.14	1,699	201.55	0.00
9.60	0.15	1,750	201.57	0.00
9.70	0.16	1,805	201.59	0.00
9.80	0.16	1,863	201.61	0.00
9.90	0.17	1,924	201.63	0.00
10.00	0.18	1,988	201.64	0.00
10.10	0.19	2,056	201.67	0.00
10.20	0.20	2,127	201.69	0.00
10.30	0.21	2,201	201.71	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,279	201.73	0.00
10.50	0.23	2,361	201.76	0.00
10.60	0.25	2,447	201.79	0.00
10.70	0.27	2,541	201.81	0.00
10.80	0.31	2,645	201.84	0.00
10.90	0.34	2,762	201.88	0.00
11.00	0.38	2,891	201.92	0.00
11.10	0.42	3,033	201.96	0.00
11.20	0.48	3,194	202.01	0.00
11.30	0.54	3,377	202.06	0.01
11.40	0.61	3,579	202.12	0.03
11.50	0.68	3,795	202.18	0.08
11.60	0.84	4,025	202.25	0.14
11.70	1.12	4,312	202.33	0.24
11.80	1.38	4,648	202.42	0.36
11.90	1.90	5,076	202.54	0.49
12.00	2.94	5,724	202.71	0.63
12.10	5.14	6,885	203.01	0.82
12.20	6.36	8,348	203.38	3.52
12.30	3.90	8,673	203.46	4.47
12.40	2.53	8,357	203.38	3.55
12.50	1.87	8,026	203.30	2.66
12.60	1.52	7,788	203.24	2.09
12.70	1.15	7,589	203.19	1.67
12.80	1.00	7,428	203.15	1.37
12.90	0.90	7,311	203.12	1.18
13.00	0.81	7,219	203.10	1.05
13.10	0.73	7,136	203.08	0.95
13.20	0.65	7,055	203.06	0.88
13.30	0.60	6,973	203.04	0.83
13.40	0.55	6,884	203.01	0.82
13.50	0.51	6,783	202.99	0.80
13.60	0.46	6,671	202.96	0.78
13.70	0.42	6,550	202.93	0.77
13.80	0.40	6,426	202.90	0.75
13.90	0.39	6,302	202.86	0.73
14.00	0.38	6,181	202.83	0.71
14.10	0.36	6,063	202.80	0.69
14.20	0.35	5,948	202.77	0.67
14.30	0.34	5,835	202.74	0.65
14.40	0.33	5,726	202.71	0.63
14.50	0.32	5,620	202.68	0.61
14.60	0.31	5,516	202.66	0.59
14.70	0.29	5,416	202.63	0.57
14.80	0.28	5,319	202.60	0.55
14.90	0.27	5,225	202.58	0.52
15.00	0.26	5,135	202.55	0.50
15.10	0.24	5,047	202.53	0.48
15.20	0.23	4,964	202.51	0.46
15.30	0.23	4,884	202.49	0.44
15.40	0.23	4,811	202.47	0.42
15.50	0.22	4,745	202.45	0.40

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.22	4,685	202.43	0.38
15.70	0.22	4,631	202.42	0.36
15.80	0.21	4,583	202.40	0.34
15.90	0.21	4,539	202.39	0.32
16.00	0.21	4,500	202.38	0.31
16.10	0.20	4,465	202.37	0.30
16.20	0.20	4,433	202.36	0.28
16.30	0.20	4,404	202.35	0.27
16.40	0.19	4,378	202.35	0.26
16.50	0.19	4,354	202.34	0.25
16.60	0.19	4,331	202.33	0.25
16.70	0.18	4,311	202.33	0.24
16.80	0.18	4,292	202.32	0.23
16.90	0.18	4,274	202.32	0.23
17.00	0.17	4,257	202.31	0.22
17.10	0.17	4,241	202.31	0.21
17.20	0.17	4,226	202.30	0.21
17.30	0.16	4,212	202.30	0.20
17.40	0.16	4,198	202.30	0.20
17.50	0.16	4,185	202.29	0.19
17.60	0.15	4,172	202.29	0.19
17.70	0.15	4,160	202.28	0.19
17.80	0.15	4,148	202.28	0.18
17.90	0.15	4,136	202.28	0.18
18.00	0.14	4,125	202.28	0.17
18.10	0.14	4,113	202.27	0.17
18.20	0.14	4,102	202.27	0.17
18.30	0.13	4,092	202.27	0.16
18.40	0.13	4,082	202.26	0.16
18.50	0.13	4,073	202.26	0.16
18.60	0.13	4,065	202.26	0.15
18.70	0.13	4,057	202.26	0.15
18.80	0.13	4,050	202.25	0.15
18.90	0.13	4,043	202.25	0.15
19.00	0.13	4,037	202.25	0.14
19.10	0.13	4,032	202.25	0.14
19.20	0.13	4,026	202.25	0.14
19.30	0.13	4,021	202.25	0.14
19.40	0.13	4,017	202.24	0.14
19.50	0.12	4,012	202.24	0.14
19.60	0.12	4,008	202.24	0.14
19.70	0.12	4,004	202.24	0.13
19.80	0.12	4,000	202.24	0.13
19.90	0.12	3,996	202.24	0.13
20.00	0.12	3,993	202.24	0.13
20.10	0.12	3,989	202.24	0.13
20.20	0.12	3,986	202.24	0.13
20.30	0.12	3,982	202.23	0.13
20.40	0.12	3,979	202.23	0.13
20.50	0.12	3,976	202.23	0.13
20.60	0.12	3,972	202.23	0.12
20.70	0.12	3,969	202.23	0.12

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	3,966	202.23	0.12
20.90	0.11	3,963	202.23	0.12
21.00	0.11	3,960	202.23	0.12
21.10	0.11	3,957	202.23	0.12
21.20	0.11	3,954	202.23	0.12
21.30	0.11	3,951	202.23	0.12
21.40	0.11	3,948	202.23	0.12
21.50	0.11	3,945	202.22	0.12
21.60	0.11	3,942	202.22	0.12
21.70	0.11	3,939	202.22	0.11
21.80	0.11	3,936	202.22	0.11
21.90	0.11	3,933	202.22	0.11
22.00	0.10	3,930	202.22	0.11
22.10	0.10	3,927	202.22	0.11
22.20	0.10	3,925	202.22	0.11
22.30	0.10	3,922	202.22	0.11
22.40	0.10	3,919	202.22	0.11
22.50	0.10	3,916	202.22	0.11
22.60	0.10	3,913	202.22	0.11
22.70	0.10	3,910	202.21	0.11
22.80	0.10	3,907	202.21	0.11
22.90	0.10	3,905	202.21	0.10
23.00	0.10	3,902	202.21	0.10
23.10	0.10	3,899	202.21	0.10
23.20	0.09	3,896	202.21	0.10
23.30	0.09	3,893	202.21	0.10
23.40	0.09	3,890	202.21	0.10
23.50	0.09	3,887	202.21	0.10
23.60	0.09	3,885	202.21	0.10
23.70	0.09	3,882	202.21	0.10
23.80	0.09	3,879	202.21	0.10
23.90	0.09	3,876	202.20	0.10
24.00	0.09	3,874	202.20	0.10
24.10	0.08	3,872	202.20	0.10
24.20	0.02	3,856	202.20	0.09
24.30	0.01	3,829	202.19	0.08
24.40	0.00	3,801	202.18	0.08
24.50	0.00	3,774	202.18	0.07
24.60	0.00	3,750	202.17	0.06
24.70	0.00	3,727	202.16	0.06
24.80	0.00	3,707	202.16	0.05
24.90	0.00	3,688	202.15	0.05
25.00	0.00	3,670	202.15	0.05
25.10	0.00	3,654	202.14	0.04
25.20	0.00	3,638	202.14	0.04
25.30	0.00	3,624	202.13	0.04
25.40	0.00	3,610	202.13	0.04
25.50	0.00	3,598	202.12	0.03
25.60	0.00	3,586	202.12	0.03
25.70	0.00	3,575	202.12	0.03
25.80	0.00	3,565	202.12	0.03
25.90	0.00	3,555	202.11	0.03

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,546	202.11	0.03
26.10	0.00	3,537	202.11	0.02
26.20	0.00	3,529	202.10	0.02
26.30	0.00	3,520	202.10	0.02
26.40	0.00	3,513	202.10	0.02
26.50	0.00	3,505	202.10	0.02
26.60	0.00	3,499	202.10	0.02
26.70	0.00	3,492	202.09	0.02
26.80	0.00	3,486	202.09	0.02
26.90	0.00	3,480	202.09	0.02
27.00	0.00	3,474	202.09	0.02
27.10	0.00	3,468	202.09	0.01
27.20	0.00	3,463	202.09	0.01
27.30	0.00	3,458	202.08	0.01
27.40	0.00	3,454	202.08	0.01
27.50	0.00	3,449	202.08	0.01
27.60	0.00	3,445	202.08	0.01
27.70	0.00	3,441	202.08	0.01
27.80	0.00	3,437	202.08	0.01
27.90	0.00	3,433	202.08	0.01
28.00	0.00	3,429	202.08	0.01
28.10	0.00	3,426	202.08	0.01
28.20	0.00	3,422	202.07	0.01
28.30	0.00	3,419	202.07	0.01
28.40	0.00	3,415	202.07	0.01
28.50	0.00	3,412	202.07	0.01
28.60	0.00	3,409	202.07	0.01
28.70	0.00	3,406	202.07	0.01
28.80	0.00	3,403	202.07	0.01
28.90	0.00	3,400	202.07	0.01
29.00	0.00	3,397	202.07	0.01
29.10	0.00	3,394	202.07	0.01
29.20	0.00	3,392	202.07	0.01
29.30	0.00	3,389	202.06	0.01
29.40	0.00	3,386	202.06	0.01
29.50	0.00	3,384	202.06	0.01
29.60	0.00	3,381	202.06	0.01
29.70	0.00	3,379	202.06	0.01
29.80	0.00	3,377	202.06	0.01
29.90	0.00	3,374	202.06	0.01
30.00	0.00	3,372	202.06	0.01
30.10	0.00	3,370	202.06	0.01
30.20	0.00	3,368	202.06	0.01
30.30	0.00	3,366	202.06	0.01
30.40	0.00	3,364	202.06	0.01
30.50	0.00	3,362	202.06	0.01
30.60	0.00	3,360	202.06	0.01
30.70	0.00	3,358	202.06	0.01
30.80	0.00	3,356	202.05	0.00
30.90	0.00	3,354	202.05	0.00
31.00	0.00	3,353	202.05	0.00
31.10	0.00	3,351	202.05	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,349	202.05	0.00
31.30	0.00	3,348	202.05	0.00
31.40	0.00	3,346	202.05	0.00
31.50	0.00	3,345	202.05	0.00
31.60	0.00	3,343	202.05	0.00
31.70	0.00	3,342	202.05	0.00
31.80	0.00	3,340	202.05	0.00
31.90	0.00	3,339	202.05	0.00
32.00	0.00	3,338	202.05	0.00
32.10	0.00	3,336	202.05	0.00
32.20	0.00	3,335	202.05	0.00
32.30	0.00	3,334	202.05	0.00
32.40	0.00	3,333	202.05	0.00
32.50	0.00	3,332	202.05	0.00
32.60	0.00	3,330	202.05	0.00
32.70	0.00	3,329	202.05	0.00
32.80	0.00	3,328	202.05	0.00
32.90	0.00	3,327	202.05	0.00
33.00	0.00	3,326	202.05	0.00
33.10	0.00	3,325	202.05	0.00
33.20	0.00	3,324	202.05	0.00
33.30	0.00	3,323	202.05	0.00
33.40	0.00	3,322	202.05	0.00
33.50	0.00	3,321	202.04	0.00
33.60	0.00	3,321	202.04	0.00
33.70	0.00	3,320	202.04	0.00
33.80	0.00	3,319	202.04	0.00
33.90	0.00	3,318	202.04	0.00
34.00	0.00	3,317	202.04	0.00
34.10	0.00	3,317	202.04	0.00
34.20	0.00	3,316	202.04	0.00
34.30	0.00	3,315	202.04	0.00
34.40	0.00	3,314	202.04	0.00
34.50	0.00	3,314	202.04	0.00
34.60	0.00	3,313	202.04	0.00
34.70	0.00	3,312	202.04	0.00
34.80	0.00	3,312	202.04	0.00
34.90	0.00	3,311	202.04	0.00
35.00	0.00	3,310	202.04	0.00
35.10	0.00	3,310	202.04	0.00
35.20	0.00	3,309	202.04	0.00
35.30	0.00	3,309	202.04	0.00
35.40	0.00	3,308	202.04	0.00
35.50	0.00	3,308	202.04	0.00
35.60	0.00	3,307	202.04	0.00
35.70	0.00	3,307	202.04	0.00
35.80	0.00	3,306	202.04	0.00
35.90	0.00	3,306	202.04	0.00
36.00	0.00	3,305	202.04	0.00
36.10	0.00	3,305	202.04	0.00
36.20	0.00	3,304	202.04	0.00
36.30	0.00	3,304	202.04	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,303	202.04	0.00
36.50	0.00	3,303	202.04	0.00
36.60	0.00	3,302	202.04	0.00
36.70	0.00	3,302	202.04	0.00
36.80	0.00	3,302	202.04	0.00
36.90	0.00	3,301	202.04	0.00
37.00	0.00	3,301	202.04	0.00
37.10	0.00	3,300	202.04	0.00
37.20	0.00	3,300	202.04	0.00
37.30	0.00	3,299	202.04	0.00
37.40	0.00	3,299	202.04	0.00
37.50	0.00	3,299	202.04	0.00
37.60	0.00	3,298	202.04	0.00
37.70	0.00	3,298	202.04	0.00
37.80	0.00	3,297	202.04	0.00
37.90	0.00	3,297	202.04	0.00
38.00	0.00	3,296	202.04	0.00
38.10	0.00	3,296	202.04	0.00
38.20	0.00	3,296	202.04	0.00
38.30	0.00	3,295	202.04	0.00
38.40	0.00	3,295	202.04	0.00
38.50	0.00	3,295	202.04	0.00
38.60	0.00	3,294	202.04	0.00
38.70	0.00	3,294	202.04	0.00
38.80	0.00	3,293	202.04	0.00
38.90	0.00	3,293	202.04	0.00
39.00	0.00	3,293	202.04	0.00
39.10	0.00	3,292	202.04	0.00
39.20	0.00	3,292	202.04	0.00
39.30	0.00	3,291	202.04	0.00
39.40	0.00	3,291	202.04	0.00
39.50	0.00	3,291	202.04	0.00
39.60	0.00	3,290	202.04	0.00
39.70	0.00	3,290	202.04	0.00
39.80	0.00	3,290	202.04	0.00
39.90	0.00	3,289	202.04	0.00
40.00	0.00	3,289	202.04	0.00

Stage-Discharge for Pond B-39: Basin #39

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.00	202.04	0.00	202.56	0.51
201.01	0.00	201.53	0.00	202.05	0.00	202.57	0.52
201.02	0.00	201.54	0.00	202.06	0.01	202.58	0.53
201.03	0.00	201.55	0.00	202.07	0.01	202.59	0.53
201.04	0.00	201.56	0.00	202.08	0.01	202.60	0.54
201.05	0.00	201.57	0.00	202.09	0.02	202.61	0.55
201.06	0.00	201.58	0.00	202.10	0.02	202.62	0.56
201.07	0.00	201.59	0.00	202.11	0.02	202.63	0.57
201.08	0.00	201.60	0.00	202.12	0.03	202.64	0.58
201.09	0.00	201.61	0.00	202.13	0.04	202.65	0.58
201.10	0.00	201.62	0.00	202.14	0.04	202.66	0.59
201.11	0.00	201.63	0.00	202.15	0.05	202.67	0.60
201.12	0.00	201.64	0.00	202.16	0.06	202.68	0.61
201.13	0.00	201.65	0.00	202.17	0.07	202.69	0.61
201.14	0.00	201.66	0.00	202.18	0.07	202.70	0.62
201.15	0.00	201.67	0.00	202.19	0.08	202.71	0.63
201.16	0.00	201.68	0.00	202.20	0.09	202.72	0.63
201.17	0.00	201.69	0.00	202.21	0.10	202.73	0.64
201.18	0.00	201.70	0.00	202.22	0.11	202.74	0.65
201.19	0.00	201.71	0.00	202.23	0.12	202.75	0.66
201.20	0.00	201.72	0.00	202.24	0.13	202.76	0.66
201.21	0.00	201.73	0.00	202.25	0.14	202.77	0.67
201.22	0.00	201.74	0.00	202.26	0.16	202.78	0.68
201.23	0.00	201.75	0.00	202.27	0.17	202.79	0.68
201.24	0.00	201.76	0.00	202.28	0.18	202.80	0.69
201.25	0.00	201.77	0.00	202.29	0.19	202.81	0.69
201.26	0.00	201.78	0.00	202.30	0.20	202.82	0.70
201.27	0.00	201.79	0.00	202.31	0.22	202.83	0.71
201.28	0.00	201.80	0.00	202.32	0.23	202.84	0.71
201.29	0.00	201.81	0.00	202.33	0.24	202.85	0.72
201.30	0.00	201.82	0.00	202.34	0.26	202.86	0.73
201.31	0.00	201.83	0.00	202.35	0.27	202.87	0.73
201.32	0.00	201.84	0.00	202.36	0.28	202.88	0.74
201.33	0.00	201.85	0.00	202.37	0.30	202.89	0.74
201.34	0.00	201.86	0.00	202.38	0.31	202.90	0.75
201.35	0.00	201.87	0.00	202.39	0.32	202.91	0.76
201.36	0.00	201.88	0.00	202.40	0.34	202.92	0.76
201.37	0.00	201.89	0.00	202.41	0.35	202.93	0.77
201.38	0.00	201.90	0.00	202.42	0.36	202.94	0.77
201.39	0.00	201.91	0.00	202.43	0.38	202.95	0.78
201.40	0.00	201.92	0.00	202.44	0.39	202.96	0.79
201.41	0.00	201.93	0.00	202.45	0.40	202.97	0.79
201.42	0.00	201.94	0.00	202.46	0.41	202.98	0.80
201.43	0.00	201.95	0.00	202.47	0.43	202.99	0.80
201.44	0.00	201.96	0.00	202.48	0.44	203.00	0.81
201.45	0.00	201.97	0.00	202.49	0.45	203.01	0.81
201.46	0.00	201.98	0.00	202.50	0.46	203.02	0.82
201.47	0.00	201.99	0.00	202.51	0.47	203.03	0.82
201.48	0.00	202.00	0.00	202.52	0.47	203.04	0.83
201.49	0.00	202.01	0.00	202.53	0.48	203.05	0.85
201.50	0.00	202.02	0.00	202.54	0.49	203.06	0.88
201.51	0.00	202.03	0.00	202.55	0.50	203.07	0.91

Stage-Discharge for Pond B-39: Basin #39 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.96	203.60	6.42	204.12	14.91	204.64	22.29
203.09	1.00	203.61	6.56	204.13	14.93	204.65	22.99
203.10	1.05	203.62	6.71	204.14	14.96	204.66	23.71
203.11	1.11	203.63	6.86	204.15	14.98	204.67	24.46
203.12	1.17	203.64	7.00	204.16	15.01	204.68	25.22
203.13	1.23	203.65	7.15	204.17	15.03	204.69	26.01
203.14	1.29	203.66	7.30	204.18	15.05	204.70	26.82
203.15	1.36	203.67	7.45	204.19	15.08	204.71	27.69
203.16	1.43	203.68	7.61	204.20	15.10	204.72	28.58
203.17	1.51	203.69	7.76	204.21	15.13	204.73	29.50
203.18	1.58	203.70	7.91	204.22	15.15	204.74	30.45
203.19	1.66	203.71	8.07	204.23	15.17	204.75	31.42
203.20	1.74	203.72	8.22	204.24	15.20	204.76	32.42
203.21	1.83	203.73	8.38	204.25	15.22	204.77	33.44
203.22	1.91	203.74	8.54	204.26	15.24	204.78	34.48
203.23	2.00	203.75	8.70	204.27	15.27	204.79	35.55
203.24	2.09	203.76	8.86	204.28	15.29	204.80	36.65
203.25	2.18	203.77	9.02	204.29	15.32	204.81	37.76
203.26	2.28	203.78	9.18	204.30	15.34	204.82	38.91
203.27	2.37	203.79	9.34	204.31	15.36	204.83	40.08
203.28	2.47	203.80	9.51	204.32	15.39	204.84	41.27
203.29	2.57	203.81	9.67	204.33	15.41	204.85	42.48
203.30	2.67	203.82	9.84	204.34	15.43	204.86	43.72
203.31	2.77	203.83	10.00	204.35	15.46	204.87	44.99
203.32	2.88	203.84	10.17	204.36	15.48	204.88	46.28
203.33	2.99	203.85	10.34	204.37	15.50	204.89	47.59
203.34	3.09	203.86	10.51	204.38	15.53	204.90	48.93
203.35	3.21	203.87	10.68	204.39	15.55	204.91	50.31
203.36	3.32	203.88	10.85	204.40	15.57	204.92	51.73
203.37	3.43	203.89	11.02	204.41	15.60	204.93	53.17
203.38	3.55	203.90	11.19	204.42	15.62	204.94	54.63
203.39	3.66	203.91	11.36	204.43	15.64	204.95	56.12
203.40	3.78	203.92	11.54	204.44	15.67	204.96	57.64
203.41	3.90	203.93	11.71	204.45	15.69	204.97	59.19
203.42	4.02	203.94	11.89	204.46	15.71	204.98	60.76
203.43	4.14	203.95	12.06	204.47	15.74	204.99	62.35
203.44	4.27	203.96	12.24	204.48	15.76	205.00	63.98
203.45	4.39	203.97	12.42	204.49	15.78		
203.46	4.52	203.98	12.60	204.50	15.80		
203.47	4.64	203.99	12.78	204.51	15.94		
203.48	4.77	204.00	12.96	204.52	16.18		
203.49	4.90	204.01	13.14	204.53	16.48		
203.50	5.04	204.02	13.32	204.54	16.83		
203.51	5.17	204.03	13.50	204.55	17.23		
203.52	5.30	204.04	13.68	204.56	17.67		
203.53	5.44	204.05	13.87	204.57	18.14		
203.54	5.57	204.06	14.05	204.58	18.64		
203.55	5.71	204.07	14.24	204.59	19.18		
203.56	5.85	204.08	14.42	204.60	19.75		
203.57	5.99	204.09	14.61	204.61	20.35		
203.58	6.13	204.10	14.80	204.62	20.97		
203.59	6.27	204.11	14.88	204.63	21.62		

Stage-Area-Storage for Pond B-39: Basin #39

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	2,928	0	201.52	3,178	1,587
201.01	2,933	29	201.53	3,182	1,619
201.02	2,938	59	201.54	3,187	1,651
201.03	2,942	88	201.55	3,192	1,683
201.04	2,947	118	201.56	3,197	1,715
201.05	2,952	147	201.57	3,202	1,747
201.06	2,957	177	201.58	3,206	1,779
201.07	2,962	206	201.59	3,211	1,811
201.08	2,966	236	201.60	3,216	1,843
201.09	2,971	265	201.61	3,221	1,875
201.10	2,976	295	201.62	3,226	1,908
201.11	2,981	325	201.63	3,230	1,940
201.12	2,986	355	201.64	3,235	1,972
201.13	2,990	385	201.65	3,240	2,005
201.14	2,995	415	201.66	3,245	2,037
201.15	3,000	445	201.67	3,250	2,069
201.16	3,005	475	201.68	3,254	2,102
201.17	3,010	505	201.69	3,259	2,135
201.18	3,014	535	201.70	3,264	2,167
201.19	3,019	565	201.71	3,269	2,200
201.20	3,024	595	201.72	3,274	2,233
201.21	3,029	625	201.73	3,278	2,265
201.22	3,034	656	201.74	3,283	2,298
201.23	3,038	686	201.75	3,288	2,331
201.24	3,043	717	201.76	3,293	2,364
201.25	3,048	747	201.77	3,298	2,397
201.26	3,053	778	201.78	3,302	2,430
201.27	3,058	808	201.79	3,307	2,463
201.28	3,062	839	201.80	3,312	2,496
201.29	3,067	869	201.81	3,317	2,529
201.30	3,072	900	201.82	3,322	2,562
201.31	3,077	931	201.83	3,326	2,596
201.32	3,082	962	201.84	3,331	2,629
201.33	3,086	992	201.85	3,336	2,662
201.34	3,091	1,023	201.86	3,341	2,696
201.35	3,096	1,054	201.87	3,346	2,729
201.36	3,101	1,085	201.88	3,350	2,762
201.37	3,106	1,116	201.89	3,355	2,796
201.38	3,110	1,147	201.90	3,360	2,830
201.39	3,115	1,178	201.91	3,365	2,863
201.40	3,120	1,210	201.92	3,370	2,897
201.41	3,125	1,241	201.93	3,374	2,931
201.42	3,130	1,272	201.94	3,379	2,964
201.43	3,134	1,303	201.95	3,384	2,998
201.44	3,139	1,335	201.96	3,389	3,032
201.45	3,144	1,366	201.97	3,394	3,066
201.46	3,149	1,398	201.98	3,398	3,100
201.47	3,154	1,429	201.99	3,403	3,134
201.48	3,158	1,461	202.00	3,408	3,168
201.49	3,163	1,492	202.01	3,413	3,202
201.50	3,168	1,524	202.02	3,418	3,236
201.51	3,173	1,556	202.03	3,423	3,270

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	3,428	3,305	202.56	3,693	5,156
202.05	3,433	3,339	202.57	3,698	5,193
202.06	3,439	3,373	202.58	3,703	5,230
202.07	3,444	3,408	202.59	3,708	5,267
202.08	3,449	3,442	202.60	3,713	5,304
202.09	3,454	3,477	202.61	3,718	5,342
202.10	3,459	3,511	202.62	3,724	5,379
202.11	3,464	3,546	202.63	3,729	5,416
202.12	3,469	3,581	202.64	3,734	5,453
202.13	3,474	3,615	202.65	3,739	5,491
202.14	3,479	3,650	202.66	3,744	5,528
202.15	3,484	3,685	202.67	3,749	5,566
202.16	3,489	3,720	202.68	3,754	5,603
202.17	3,495	3,755	202.69	3,759	5,641
202.18	3,500	3,790	202.70	3,764	5,678
202.19	3,505	3,825	202.71	3,769	5,716
202.20	3,510	3,860	202.72	3,774	5,754
202.21	3,515	3,895	202.73	3,780	5,791
202.22	3,520	3,930	202.74	3,785	5,829
202.23	3,525	3,965	202.75	3,790	5,867
202.24	3,530	4,001	202.76	3,795	5,905
202.25	3,535	4,036	202.77	3,800	5,943
202.26	3,540	4,071	202.78	3,805	5,981
202.27	3,545	4,107	202.79	3,810	6,019
202.28	3,551	4,142	202.80	3,815	6,057
202.29	3,556	4,178	202.81	3,820	6,095
202.30	3,561	4,213	202.82	3,825	6,134
202.31	3,566	4,249	202.83	3,830	6,172
202.32	3,571	4,285	202.84	3,836	6,210
202.33	3,576	4,320	202.85	3,841	6,249
202.34	3,581	4,356	202.86	3,846	6,287
202.35	3,586	4,392	202.87	3,851	6,326
202.36	3,591	4,428	202.88	3,856	6,364
202.37	3,596	4,464	202.89	3,861	6,403
202.38	3,601	4,500	202.90	3,866	6,441
202.39	3,607	4,536	202.91	3,871	6,480
202.40	3,612	4,572	202.92	3,876	6,519
202.41	3,617	4,608	202.93	3,881	6,558
202.42	3,622	4,644	202.94	3,886	6,596
202.43	3,627	4,680	202.95	3,892	6,635
202.44	3,632	4,717	202.96	3,897	6,674
202.45	3,637	4,753	202.97	3,902	6,713
202.46	3,642	4,790	202.98	3,907	6,752
202.47	3,647	4,826	202.99	3,912	6,791
202.48	3,652	4,862	203.00	3,917	6,831
202.49	3,657	4,899	203.01	3,922	6,870
202.50	3,663	4,936	203.02	3,928	6,909
202.51	3,668	4,972	203.03	3,933	6,948
202.52	3,673	5,009	203.04	3,938	6,988
202.53	3,678	5,046	203.05	3,944	7,027
202.54	3,683	5,083	203.06	3,949	7,066
202.55	3,688	5,119	203.07	3,955	7,106

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	3,960	7,146	203.60	4,239	9,277
203.09	3,965	7,185	203.61	4,245	9,320
203.10	3,971	7,225	203.62	4,250	9,362
203.11	3,976	7,265	203.63	4,255	9,405
203.12	3,981	7,304	203.64	4,261	9,447
203.13	3,987	7,344	203.65	4,266	9,490
203.14	3,992	7,384	203.66	4,271	9,533
203.15	3,998	7,424	203.67	4,277	9,575
203.16	4,003	7,464	203.68	4,282	9,618
203.17	4,008	7,504	203.69	4,288	9,661
203.18	4,014	7,544	203.70	4,293	9,704
203.19	4,019	7,584	203.71	4,298	9,747
203.20	4,024	7,625	203.72	4,304	9,790
203.21	4,030	7,665	203.73	4,309	9,833
203.22	4,035	7,705	203.74	4,314	9,876
203.23	4,041	7,746	203.75	4,320	9,919
203.24	4,046	7,786	203.76	4,325	9,963
203.25	4,051	7,827	203.77	4,330	10,006
203.26	4,057	7,867	203.78	4,336	10,049
203.27	4,062	7,908	203.79	4,341	10,093
203.28	4,067	7,948	203.80	4,347	10,136
203.29	4,073	7,989	203.81	4,352	10,179
203.30	4,078	8,030	203.82	4,357	10,223
203.31	4,083	8,071	203.83	4,363	10,267
203.32	4,089	8,111	203.84	4,368	10,310
203.33	4,094	8,152	203.85	4,373	10,354
203.34	4,100	8,193	203.86	4,379	10,398
203.35	4,105	8,234	203.87	4,384	10,442
203.36	4,110	8,275	203.88	4,390	10,485
203.37	4,116	8,317	203.89	4,395	10,529
203.38	4,121	8,358	203.90	4,400	10,573
203.39	4,126	8,399	203.91	4,406	10,617
203.40	4,132	8,440	203.92	4,411	10,661
203.41	4,137	8,482	203.93	4,416	10,706
203.42	4,143	8,523	203.94	4,422	10,750
203.43	4,148	8,564	203.95	4,427	10,794
203.44	4,153	8,606	203.96	4,433	10,838
203.45	4,159	8,648	203.97	4,438	10,883
203.46	4,164	8,689	203.98	4,443	10,927
203.47	4,169	8,731	203.99	4,449	10,971
203.48	4,175	8,773	204.00	4,454	11,016
203.49	4,180	8,814	204.01	4,460	11,061
203.50	4,186	8,856	204.02	4,465	11,105
203.51	4,191	8,898	204.03	4,471	11,150
203.52	4,196	8,940	204.04	4,477	11,195
203.53	4,202	8,982	204.05	4,482	11,239
203.54	4,207	9,024	204.06	4,488	11,284
203.55	4,212	9,066	204.07	4,494	11,329
203.56	4,218	9,108	204.08	4,499	11,374
203.57	4,223	9,150	204.09	4,505	11,419
203.58	4,228	9,193	204.10	4,510	11,464
203.59	4,234	9,235	204.11	4,516	11,509

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	4,522	11,555	204.64	4,816	13,982
204.13	4,527	11,600	204.65	4,821	14,030
204.14	4,533	11,645	204.66	4,827	14,079
204.15	4,539	11,690	204.67	4,833	14,127
204.16	4,544	11,736	204.68	4,838	14,175
204.17	4,550	11,781	204.69	4,844	14,224
204.18	4,556	11,827	204.70	4,849	14,272
204.19	4,561	11,872	204.71	4,855	14,321
204.20	4,567	11,918	204.72	4,861	14,369
204.21	4,573	11,964	204.73	4,866	14,418
204.22	4,578	12,010	204.74	4,872	14,467
204.23	4,584	12,055	204.75	4,878	14,515
204.24	4,590	12,101	204.76	4,883	14,564
204.25	4,595	12,147	204.77	4,889	14,613
204.26	4,601	12,193	204.78	4,895	14,662
204.27	4,607	12,239	204.79	4,900	14,711
204.28	4,612	12,285	204.80	4,906	14,760
204.29	4,618	12,331	204.81	4,912	14,809
204.30	4,624	12,378	204.82	4,917	14,858
204.31	4,629	12,424	204.83	4,923	14,907
204.32	4,635	12,470	204.84	4,929	14,957
204.33	4,640	12,517	204.85	4,934	15,006
204.34	4,646	12,563	204.86	4,940	15,055
204.35	4,652	12,610	204.87	4,946	15,105
204.36	4,657	12,656	204.88	4,951	15,154
204.37	4,663	12,703	204.89	4,957	15,204
204.38	4,669	12,749	204.90	4,963	15,253
204.39	4,674	12,796	204.91	4,968	15,303
204.40	4,680	12,843	204.92	4,974	15,353
204.41	4,686	12,890	204.93	4,979	15,403
204.42	4,691	12,937	204.94	4,985	15,452
204.43	4,697	12,983	204.95	4,991	15,502
204.44	4,703	13,030	204.96	4,996	15,552
204.45	4,708	13,078	204.97	5,002	15,602
204.46	4,714	13,125	204.98	5,008	15,652
204.47	4,720	13,172	204.99	5,013	15,702
204.48	4,725	13,219	205.00	5,019	15,753
204.49	4,731	13,266			
204.50	4,737	13,314			
204.51	4,742	13,361			
204.52	4,748	13,408			
204.53	4,753	13,456			
204.54	4,759	13,504			
204.55	4,765	13,551			
204.56	4,770	13,599			
204.57	4,776	13,647			
204.58	4,782	13,694			
204.59	4,787	13,742			
204.60	4,793	13,790			
204.61	4,799	13,838			
204.62	4,804	13,886			
204.63	4,810	13,934			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 3.56" for Current 10 yr event
 Inflow = 6.78 cfs @ 12.17 hrs, Volume= 0.560 af
 Outflow = 4.05 cfs @ 12.30 hrs, Volume= 0.476 af, Atten= 40%, Lag= 7.9 min
 Primary = 4.05 cfs @ 12.30 hrs, Volume= 0.476 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.96' @ 12.30 hrs Surf.Area= 4,249 sf Storage= 7,592 cf

Plug-Flow detention time= 140.2 min calculated for 0.475 af (85% of inflow)
 Center-of-Mass det. time= 71.5 min (856.7 - 785.2)

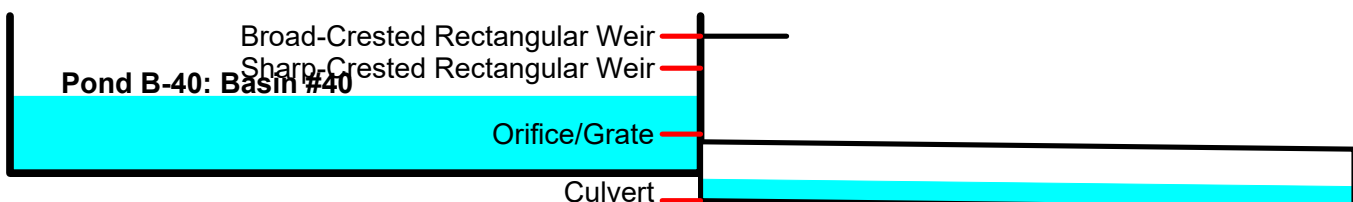
Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	17,107 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	3,521	0	0
203.00	3,886	3,704	3,704
204.00	4,266	4,076	7,780
205.00	4,660	4,463	12,243
206.00	5,069	4,865	17,107

Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.99'	24.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	204.67'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	205.49'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

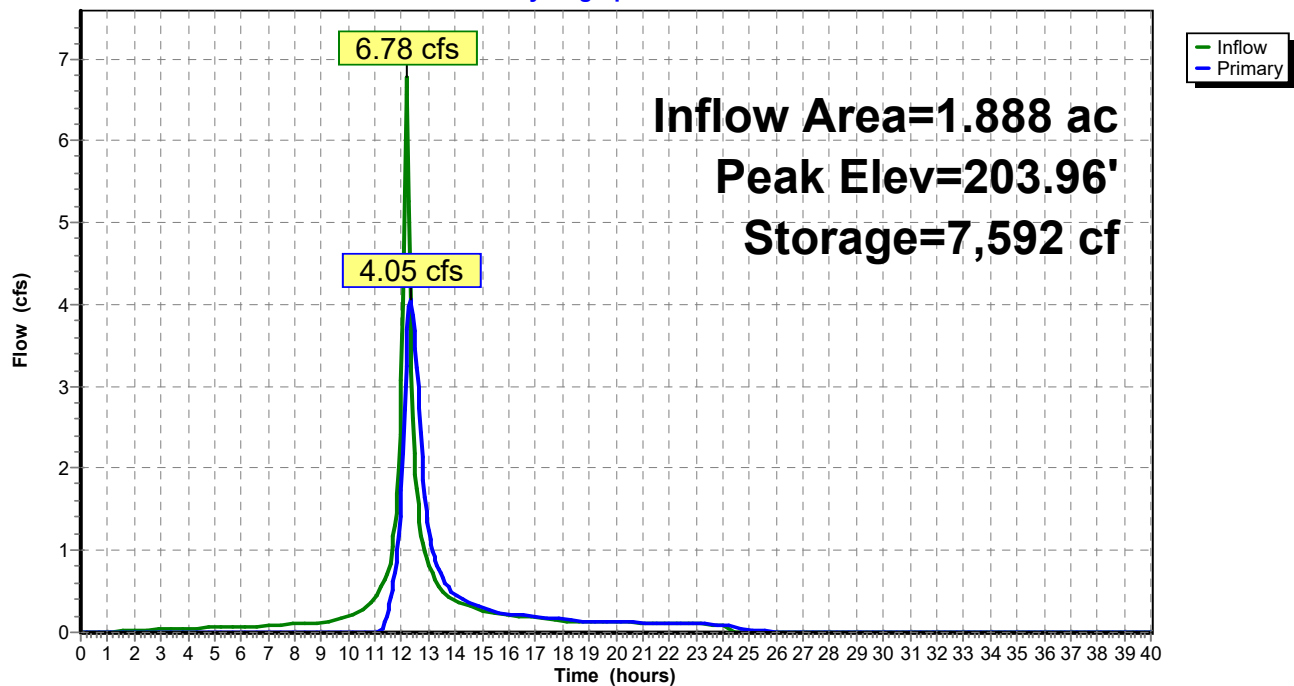
Primary OutFlow Max=4.05 cfs @ 12.30 hrs HW=203.95' (Free Discharge)

1=Culvert (Passes 4.05 cfs of 11.10 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 4.05 cfs @ 4.05 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-40: Basin #40

Hydrograph



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.00	0	202.00	0.00
0.60	0.00	0	202.00	0.00
0.70	0.00	0	202.00	0.00
0.80	0.00	0	202.00	0.00
0.90	0.00	0	202.00	0.00
1.00	0.00	1	202.00	0.00
1.10	0.01	2	202.00	0.00
1.20	0.01	5	202.00	0.00
1.30	0.01	8	202.00	0.00
1.40	0.01	12	202.00	0.00
1.50	0.01	16	202.00	0.00
1.60	0.02	22	202.01	0.00
1.70	0.02	28	202.01	0.00
1.80	0.02	35	202.01	0.00
1.90	0.02	42	202.01	0.00
2.00	0.02	50	202.01	0.00
2.10	0.02	59	202.02	0.00
2.20	0.03	68	202.02	0.00
2.30	0.03	78	202.02	0.00
2.40	0.03	88	202.02	0.00
2.50	0.03	99	202.03	0.00
2.60	0.03	110	202.03	0.00
2.70	0.03	121	202.03	0.00
2.80	0.03	134	202.04	0.00
2.90	0.04	146	202.04	0.00
3.00	0.04	159	202.05	0.00
3.10	0.04	173	202.05	0.00
3.20	0.04	187	202.05	0.00
3.30	0.04	201	202.06	0.00
3.40	0.04	216	202.06	0.00
3.50	0.04	231	202.07	0.00
3.60	0.04	246	202.07	0.00
3.70	0.04	262	202.07	0.00
3.80	0.05	278	202.08	0.00
3.90	0.05	295	202.08	0.00
4.00	0.05	311	202.09	0.00
4.10	0.05	328	202.09	0.00
4.20	0.05	346	202.10	0.00
4.30	0.05	364	202.10	0.00
4.40	0.05	382	202.11	0.00
4.50	0.05	400	202.11	0.00
4.60	0.05	419	202.12	0.00
4.70	0.05	438	202.12	0.00
4.80	0.05	457	202.13	0.00
4.90	0.05	477	202.13	0.00
5.00	0.06	497	202.14	0.00
5.10	0.06	517	202.15	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	538	202.15	0.00
5.30	0.06	558	202.16	0.00
5.40	0.06	579	202.16	0.00
5.50	0.06	601	202.17	0.00
5.60	0.06	622	202.18	0.00
5.70	0.06	644	202.18	0.00
5.80	0.06	666	202.19	0.00
5.90	0.06	688	202.19	0.00
6.00	0.06	711	202.20	0.00
6.10	0.06	733	202.21	0.00
6.20	0.07	757	202.21	0.00
6.30	0.07	781	202.22	0.00
6.40	0.07	805	202.23	0.00
6.50	0.07	830	202.23	0.00
6.60	0.07	856	202.24	0.00
6.70	0.07	883	202.25	0.00
6.80	0.08	910	202.26	0.00
6.90	0.08	938	202.26	0.00
7.00	0.08	967	202.27	0.00
7.10	0.08	996	202.28	0.00
7.20	0.08	1,026	202.29	0.00
7.30	0.09	1,057	202.30	0.00
7.40	0.09	1,088	202.30	0.00
7.50	0.09	1,120	202.31	0.00
7.60	0.09	1,153	202.32	0.00
7.70	0.09	1,187	202.33	0.00
7.80	0.10	1,221	202.34	0.00
7.90	0.10	1,256	202.35	0.00
8.00	0.10	1,291	202.36	0.00
8.10	0.10	1,328	202.37	0.00
8.20	0.10	1,364	202.38	0.00
8.30	0.11	1,402	202.39	0.00
8.40	0.11	1,440	202.40	0.00
8.50	0.11	1,479	202.41	0.00
8.60	0.11	1,519	202.42	0.00
8.70	0.11	1,560	202.43	0.00
8.80	0.12	1,601	202.44	0.00
8.90	0.12	1,643	202.46	0.00
9.00	0.12	1,685	202.47	0.00
9.10	0.12	1,729	202.48	0.00
9.20	0.13	1,776	202.49	0.00
9.30	0.14	1,824	202.50	0.00
9.40	0.15	1,876	202.52	0.00
9.50	0.16	1,931	202.53	0.00
9.60	0.17	1,989	202.55	0.00
9.70	0.17	2,050	202.57	0.00
9.80	0.18	2,114	202.58	0.00
9.90	0.19	2,182	202.60	0.00
10.00	0.20	2,253	202.62	0.00
10.10	0.21	2,328	202.64	0.00
10.20	0.22	2,407	202.66	0.00
10.30	0.23	2,489	202.68	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.24	2,575	202.71	0.00
10.50	0.25	2,664	202.73	0.00
10.60	0.27	2,758	202.75	0.00
10.70	0.30	2,861	202.78	0.00
10.80	0.33	2,975	202.81	0.00
10.90	0.37	3,101	202.84	0.00
11.00	0.41	3,241	202.88	0.00
11.10	0.45	3,395	202.92	0.00
11.20	0.51	3,568	202.97	0.00
11.30	0.58	3,763	203.02	0.03
11.40	0.66	3,958	203.07	0.14
11.50	0.73	4,135	203.11	0.27
11.60	0.89	4,298	203.15	0.42
11.70	1.19	4,489	203.20	0.62
11.80	1.45	4,694	203.25	0.86
11.90	1.99	4,942	203.31	1.18
12.00	3.08	5,315	203.41	1.73
12.10	5.33	6,000	203.57	2.71
12.20	6.56	7,105	203.84	3.70
12.30	4.01	7,591	203.96	4.05
12.40	2.60	7,326	203.89	3.87
12.50	1.92	6,803	203.77	3.47
12.60	1.56	6,268	203.64	2.99
12.70	1.18	5,776	203.52	2.44
12.80	1.02	5,399	203.43	1.86
12.90	0.92	5,151	203.37	1.48
13.00	0.83	4,979	203.32	1.23
13.10	0.74	4,850	203.29	1.06
13.20	0.67	4,746	203.26	0.93
13.30	0.61	4,662	203.24	0.82
13.40	0.56	4,592	203.23	0.74
13.50	0.52	4,533	203.21	0.67
13.60	0.47	4,480	203.20	0.61
13.70	0.43	4,432	203.19	0.56
13.80	0.41	4,390	203.18	0.51
13.90	0.40	4,357	203.17	0.48
14.00	0.38	4,330	203.16	0.45
14.10	0.37	4,308	203.15	0.43
14.20	0.36	4,289	203.15	0.41
14.30	0.35	4,271	203.15	0.39
14.40	0.34	4,255	203.14	0.38
14.50	0.32	4,240	203.14	0.36
14.60	0.31	4,225	203.13	0.35
14.70	0.30	4,211	203.13	0.34
14.80	0.29	4,197	203.13	0.32
14.90	0.27	4,183	203.12	0.31
15.00	0.26	4,170	203.12	0.30
15.10	0.25	4,156	203.12	0.29
15.20	0.24	4,142	203.11	0.28
15.30	0.23	4,130	203.11	0.27
15.40	0.23	4,119	203.11	0.26
15.50	0.23	4,110	203.10	0.25

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.22	4,102	203.10	0.24
15.70	0.22	4,095	203.10	0.24
15.80	0.22	4,089	203.10	0.23
15.90	0.21	4,083	203.10	0.23
16.00	0.21	4,078	203.10	0.22
16.10	0.21	4,073	203.09	0.22
16.20	0.20	4,068	203.09	0.22
16.30	0.20	4,064	203.09	0.21
16.40	0.20	4,060	203.09	0.21
16.50	0.19	4,055	203.09	0.21
16.60	0.19	4,051	203.09	0.20
16.70	0.19	4,047	203.09	0.20
16.80	0.18	4,043	203.09	0.20
16.90	0.18	4,039	203.09	0.19
17.00	0.18	4,034	203.08	0.19
17.10	0.17	4,030	203.08	0.19
17.20	0.17	4,026	203.08	0.18
17.30	0.17	4,022	203.08	0.18
17.40	0.16	4,018	203.08	0.18
17.50	0.16	4,014	203.08	0.17
17.60	0.16	4,010	203.08	0.17
17.70	0.15	4,005	203.08	0.17
17.80	0.15	4,001	203.08	0.16
17.90	0.15	3,996	203.07	0.16
18.00	0.14	3,991	203.07	0.16
18.10	0.14	3,986	203.07	0.15
18.20	0.14	3,981	203.07	0.15
18.30	0.14	3,977	203.07	0.15
18.40	0.14	3,973	203.07	0.15
18.50	0.13	3,970	203.07	0.14
18.60	0.13	3,967	203.07	0.14
18.70	0.13	3,964	203.07	0.14
18.80	0.13	3,962	203.07	0.14
18.90	0.13	3,960	203.07	0.14
19.00	0.13	3,958	203.07	0.14
19.10	0.13	3,956	203.06	0.13
19.20	0.13	3,954	203.06	0.13
19.30	0.13	3,953	203.06	0.13
19.40	0.13	3,951	203.06	0.13
19.50	0.13	3,950	203.06	0.13
19.60	0.13	3,948	203.06	0.13
19.70	0.12	3,947	203.06	0.13
19.80	0.12	3,946	203.06	0.13
19.90	0.12	3,944	203.06	0.13
20.00	0.12	3,943	203.06	0.13
20.10	0.12	3,942	203.06	0.13
20.20	0.12	3,940	203.06	0.12
20.30	0.12	3,939	203.06	0.12
20.40	0.12	3,938	203.06	0.12
20.50	0.12	3,936	203.06	0.12
20.60	0.12	3,935	203.06	0.12
20.70	0.12	3,934	203.06	0.12

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	3,933	203.06	0.12
20.90	0.12	3,931	203.06	0.12
21.00	0.11	3,930	203.06	0.12
21.10	0.11	3,929	203.06	0.12
21.20	0.11	3,928	203.06	0.12
21.30	0.11	3,926	203.06	0.12
21.40	0.11	3,925	203.06	0.11
21.50	0.11	3,924	203.06	0.11
21.60	0.11	3,923	203.06	0.11
21.70	0.11	3,921	203.06	0.11
21.80	0.11	3,920	203.06	0.11
21.90	0.11	3,919	203.06	0.11
22.00	0.11	3,917	203.05	0.11
22.10	0.11	3,916	203.05	0.11
22.20	0.10	3,915	203.05	0.11
22.30	0.10	3,914	203.05	0.11
22.40	0.10	3,912	203.05	0.11
22.50	0.10	3,911	203.05	0.11
22.60	0.10	3,910	203.05	0.10
22.70	0.10	3,908	203.05	0.10
22.80	0.10	3,907	203.05	0.10
22.90	0.10	3,906	203.05	0.10
23.00	0.10	3,904	203.05	0.10
23.10	0.10	3,903	203.05	0.10
23.20	0.10	3,902	203.05	0.10
23.30	0.09	3,901	203.05	0.10
23.40	0.09	3,899	203.05	0.10
23.50	0.09	3,898	203.05	0.10
23.60	0.09	3,897	203.05	0.10
23.70	0.09	3,895	203.05	0.10
23.80	0.09	3,894	203.05	0.09
23.90	0.09	3,893	203.05	0.09
24.00	0.09	3,892	203.05	0.09
24.10	0.08	3,892	203.05	0.09
24.20	0.02	3,878	203.04	0.08
24.30	0.01	3,854	203.04	0.07
24.40	0.00	3,832	203.03	0.06
24.50	0.00	3,812	203.03	0.05
24.60	0.00	3,795	203.02	0.04
24.70	0.00	3,780	203.02	0.04
24.80	0.00	3,767	203.02	0.03
24.90	0.00	3,756	203.01	0.03
25.00	0.00	3,746	203.01	0.02
25.10	0.00	3,738	203.01	0.02
25.20	0.00	3,731	203.01	0.02
25.30	0.00	3,725	203.01	0.02
25.40	0.00	3,720	203.00	0.01
25.50	0.00	3,716	203.00	0.01
25.60	0.00	3,712	203.00	0.01
25.70	0.00	3,708	203.00	0.01
25.80	0.00	3,706	203.00	0.01
25.90	0.00	3,703	203.00	0.01

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,701	203.00	0.01
26.10	0.00	3,699	203.00	0.01
26.20	0.00	3,697	203.00	0.01
26.30	0.00	3,695	203.00	0.01
26.40	0.00	3,693	203.00	0.00
26.50	0.00	3,692	203.00	0.00
26.60	0.00	3,690	203.00	0.00
26.70	0.00	3,689	203.00	0.00
26.80	0.00	3,687	203.00	0.00
26.90	0.00	3,686	203.00	0.00
27.00	0.00	3,685	203.00	0.00
27.10	0.00	3,683	202.99	0.00
27.20	0.00	3,682	202.99	0.00
27.30	0.00	3,681	202.99	0.00
27.40	0.00	3,680	202.99	0.00
27.50	0.00	3,680	202.99	0.00
27.60	0.00	3,679	202.99	0.00
27.70	0.00	3,678	202.99	0.00
27.80	0.00	3,677	202.99	0.00
27.90	0.00	3,676	202.99	0.00
28.00	0.00	3,676	202.99	0.00
28.10	0.00	3,675	202.99	0.00
28.20	0.00	3,674	202.99	0.00
28.30	0.00	3,674	202.99	0.00
28.40	0.00	3,673	202.99	0.00
28.50	0.00	3,673	202.99	0.00
28.60	0.00	3,672	202.99	0.00
28.70	0.00	3,672	202.99	0.00
28.80	0.00	3,672	202.99	0.00
28.90	0.00	3,671	202.99	0.00
29.00	0.00	3,671	202.99	0.00
29.10	0.00	3,670	202.99	0.00
29.20	0.00	3,670	202.99	0.00
29.30	0.00	3,670	202.99	0.00
29.40	0.00	3,669	202.99	0.00
29.50	0.00	3,669	202.99	0.00
29.60	0.00	3,669	202.99	0.00
29.70	0.00	3,669	202.99	0.00
29.80	0.00	3,668	202.99	0.00
29.90	0.00	3,668	202.99	0.00
30.00	0.00	3,668	202.99	0.00
30.10	0.00	3,668	202.99	0.00
30.20	0.00	3,668	202.99	0.00
30.30	0.00	3,667	202.99	0.00
30.40	0.00	3,667	202.99	0.00
30.50	0.00	3,667	202.99	0.00
30.60	0.00	3,667	202.99	0.00
30.70	0.00	3,667	202.99	0.00
30.80	0.00	3,667	202.99	0.00
30.90	0.00	3,667	202.99	0.00
31.00	0.00	3,667	202.99	0.00
31.10	0.00	3,666	202.99	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,666	202.99	0.00
31.30	0.00	3,666	202.99	0.00
31.40	0.00	3,666	202.99	0.00
31.50	0.00	3,666	202.99	0.00
31.60	0.00	3,666	202.99	0.00
31.70	0.00	3,666	202.99	0.00
31.80	0.00	3,666	202.99	0.00
31.90	0.00	3,666	202.99	0.00
32.00	0.00	3,666	202.99	0.00
32.10	0.00	3,666	202.99	0.00
32.20	0.00	3,666	202.99	0.00
32.30	0.00	3,666	202.99	0.00
32.40	0.00	3,665	202.99	0.00
32.50	0.00	3,665	202.99	0.00
32.60	0.00	3,665	202.99	0.00
32.70	0.00	3,665	202.99	0.00
32.80	0.00	3,665	202.99	0.00
32.90	0.00	3,665	202.99	0.00
33.00	0.00	3,665	202.99	0.00
33.10	0.00	3,665	202.99	0.00
33.20	0.00	3,665	202.99	0.00
33.30	0.00	3,665	202.99	0.00
33.40	0.00	3,665	202.99	0.00
33.50	0.00	3,665	202.99	0.00
33.60	0.00	3,665	202.99	0.00
33.70	0.00	3,665	202.99	0.00
33.80	0.00	3,665	202.99	0.00
33.90	0.00	3,665	202.99	0.00
34.00	0.00	3,665	202.99	0.00
34.10	0.00	3,665	202.99	0.00
34.20	0.00	3,665	202.99	0.00
34.30	0.00	3,665	202.99	0.00
34.40	0.00	3,665	202.99	0.00
34.50	0.00	3,665	202.99	0.00
34.60	0.00	3,665	202.99	0.00
34.70	0.00	3,665	202.99	0.00
34.80	0.00	3,665	202.99	0.00
34.90	0.00	3,665	202.99	0.00
35.00	0.00	3,665	202.99	0.00
35.10	0.00	3,665	202.99	0.00
35.20	0.00	3,665	202.99	0.00
35.30	0.00	3,665	202.99	0.00
35.40	0.00	3,665	202.99	0.00
35.50	0.00	3,665	202.99	0.00
35.60	0.00	3,665	202.99	0.00
35.70	0.00	3,665	202.99	0.00
35.80	0.00	3,665	202.99	0.00
35.90	0.00	3,665	202.99	0.00
36.00	0.00	3,665	202.99	0.00
36.10	0.00	3,665	202.99	0.00
36.20	0.00	3,665	202.99	0.00
36.30	0.00	3,665	202.99	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,665	202.99	0.00
36.50	0.00	3,665	202.99	0.00
36.60	0.00	3,665	202.99	0.00
36.70	0.00	3,665	202.99	0.00
36.80	0.00	3,665	202.99	0.00
36.90	0.00	3,665	202.99	0.00
37.00	0.00	3,665	202.99	0.00
37.10	0.00	3,665	202.99	0.00
37.20	0.00	3,665	202.99	0.00
37.30	0.00	3,665	202.99	0.00
37.40	0.00	3,665	202.99	0.00
37.50	0.00	3,665	202.99	0.00
37.60	0.00	3,665	202.99	0.00
37.70	0.00	3,665	202.99	0.00
37.80	0.00	3,665	202.99	0.00
37.90	0.00	3,665	202.99	0.00
38.00	0.00	3,665	202.99	0.00
38.10	0.00	3,665	202.99	0.00
38.20	0.00	3,665	202.99	0.00
38.30	0.00	3,665	202.99	0.00
38.40	0.00	3,665	202.99	0.00
38.50	0.00	3,665	202.99	0.00
38.60	0.00	3,665	202.99	0.00
38.70	0.00	3,665	202.99	0.00
38.80	0.00	3,665	202.99	0.00
38.90	0.00	3,665	202.99	0.00
39.00	0.00	3,665	202.99	0.00
39.10	0.00	3,665	202.99	0.00
39.20	0.00	3,665	202.99	0.00
39.30	0.00	3,665	202.99	0.00
39.40	0.00	3,665	202.99	0.00
39.50	0.00	3,665	202.99	0.00
39.60	0.00	3,665	202.99	0.00
39.70	0.00	3,665	202.99	0.00
39.80	0.00	3,665	202.99	0.00
39.90	0.00	3,665	202.99	0.00
40.00	0.00	3,665	202.99	0.00

Stage-Discharge for Pond B-40: Basin #40

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.07	203.56	2.64
202.01	0.00	202.53	0.00	203.05	0.09	203.57	2.69
202.02	0.00	202.54	0.00	203.06	0.12	203.58	2.74
202.03	0.00	202.55	0.00	203.07	0.15	203.59	2.78
202.04	0.00	202.56	0.00	203.08	0.17	203.60	2.82
202.05	0.00	202.57	0.00	203.09	0.20	203.61	2.87
202.06	0.00	202.58	0.00	203.10	0.23	203.62	2.91
202.07	0.00	202.59	0.00	203.11	0.27	203.63	2.95
202.08	0.00	202.60	0.00	203.12	0.30	203.64	2.99
202.09	0.00	202.61	0.00	203.13	0.34	203.65	3.03
202.10	0.00	202.62	0.00	203.14	0.37	203.66	3.07
202.11	0.00	202.63	0.00	203.15	0.41	203.67	3.11
202.12	0.00	202.64	0.00	203.16	0.45	203.68	3.15
202.13	0.00	202.65	0.00	203.17	0.49	203.69	3.19
202.14	0.00	202.66	0.00	203.18	0.53	203.70	3.22
202.15	0.00	202.67	0.00	203.19	0.57	203.71	3.26
202.16	0.00	202.68	0.00	203.20	0.62	203.72	3.30
202.17	0.00	202.69	0.00	203.21	0.66	203.73	3.33
202.18	0.00	202.70	0.00	203.22	0.71	203.74	3.37
202.19	0.00	202.71	0.00	203.23	0.75	203.75	3.40
202.20	0.00	202.72	0.00	203.24	0.80	203.76	3.44
202.21	0.00	202.73	0.00	203.25	0.85	203.77	3.47
202.22	0.00	202.74	0.00	203.26	0.90	203.78	3.51
202.23	0.00	202.75	0.00	203.27	0.95	203.79	3.54
202.24	0.00	202.76	0.00	203.28	1.00	203.80	3.57
202.25	0.00	202.77	0.00	203.29	1.05	203.81	3.60
202.26	0.00	202.78	0.00	203.30	1.11	203.82	3.64
202.27	0.00	202.79	0.00	203.31	1.16	203.83	3.67
202.28	0.00	202.80	0.00	203.32	1.22	203.84	3.70
202.29	0.00	202.81	0.00	203.33	1.27	203.85	3.73
202.30	0.00	202.82	0.00	203.34	1.33	203.86	3.76
202.31	0.00	202.83	0.00	203.35	1.39	203.87	3.80
202.32	0.00	202.84	0.00	203.36	1.44	203.88	3.83
202.33	0.00	202.85	0.00	203.37	1.50	203.89	3.86
202.34	0.00	202.86	0.00	203.38	1.56	203.90	3.89
202.35	0.00	202.87	0.00	203.39	1.62	203.91	3.92
202.36	0.00	202.88	0.00	203.40	1.69	203.92	3.95
202.37	0.00	202.89	0.00	203.41	1.75	203.93	3.98
202.38	0.00	202.90	0.00	203.42	1.81	203.94	4.01
202.39	0.00	202.91	0.00	203.43	1.87	203.95	4.04
202.40	0.00	202.92	0.00	203.44	1.94	203.96	4.06
202.41	0.00	202.93	0.00	203.45	2.00	203.97	4.09
202.42	0.00	202.94	0.00	203.46	2.07	203.98	4.12
202.43	0.00	202.95	0.00	203.47	2.13	203.99	4.15
202.44	0.00	202.96	0.00	203.48	2.20	204.00	4.18
202.45	0.00	202.97	0.00	203.49	2.27	204.01	4.21
202.46	0.00	202.98	0.00	203.50	2.33	204.02	4.23
202.47	0.00	202.99	0.00	203.51	2.39	204.03	4.26
202.48	0.00	203.00	0.01	203.52	2.44	204.04	4.29
202.49	0.00	203.01	0.02	203.53	2.50	204.05	4.32
202.50	0.00	203.02	0.03	203.54	2.55	204.06	4.34
202.51	0.00	203.03	0.05	203.55	2.60	204.07	4.37

Stage-Discharge for Pond B-40: Basin #40 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	4.40	204.60	5.61	205.12	10.46	205.64	22.97
204.09	4.42	204.61	5.63	205.13	10.60	205.65	23.69
204.10	4.45	204.62	5.65	205.14	10.75	205.66	24.43
204.11	4.48	204.63	5.67	205.15	10.90	205.67	25.20
204.12	4.50	204.64	5.69	205.16	11.04	205.68	25.99
204.13	4.53	204.65	5.71	205.17	11.19	205.69	26.80
204.14	4.55	204.66	5.73	205.18	11.34	205.70	27.67
204.15	4.58	204.67	5.75	205.19	11.50	205.71	28.56
204.16	4.60	204.68	5.78	205.20	11.65	205.72	29.48
204.17	4.63	204.69	5.83	205.21	11.80	205.73	30.43
204.18	4.65	204.70	5.88	205.22	11.96	205.74	31.40
204.19	4.68	204.71	5.94	205.23	12.12	205.75	32.39
204.20	4.70	204.72	6.00	205.24	12.27	205.76	33.41
204.21	4.73	204.73	6.06	205.25	12.43	205.77	34.46
204.22	4.75	204.74	6.13	205.26	12.59	205.78	35.53
204.23	4.78	204.75	6.20	205.27	12.75	205.79	36.62
204.24	4.80	204.76	6.28	205.28	12.91	205.80	37.74
204.25	4.83	204.77	6.36	205.29	13.08	205.81	38.89
204.26	4.85	204.78	6.44	205.30	13.24	205.82	40.05
204.27	4.87	204.79	6.53	205.31	13.41	205.83	41.25
204.28	4.90	204.80	6.62	205.32	13.57	205.84	42.46
204.29	4.92	204.81	6.71	205.33	13.74	205.85	43.70
204.30	4.95	204.82	6.80	205.34	13.91	205.86	44.97
204.31	4.97	204.83	6.90	205.35	14.08	205.87	46.25
204.32	4.99	204.84	6.99	205.36	14.24	205.88	47.57
204.33	5.02	204.85	7.09	205.37	14.42	205.89	48.90
204.34	5.04	204.86	7.20	205.38	14.59	205.90	50.29
204.35	5.06	204.87	7.30	205.39	14.76	205.91	51.70
204.36	5.09	204.88	7.41	205.40	14.93	205.92	53.14
204.37	5.11	204.89	7.51	205.41	15.11	205.93	54.61
204.38	5.13	204.90	7.62	205.42	15.28	205.94	56.10
204.39	5.15	204.91	7.74	205.43	15.46	205.95	57.62
204.40	5.18	204.92	7.85	205.44	15.64	205.96	59.16
204.41	5.20	204.93	7.97	205.45	15.69	205.97	60.73
204.42	5.22	204.94	8.08	205.46	15.71	205.98	62.33
204.43	5.24	204.95	8.20	205.47	15.74	205.99	63.95
204.44	5.26	204.96	8.32	205.48	15.76	206.00	65.60
204.45	5.29	204.97	8.44	205.49	15.78		
204.46	5.31	204.98	8.57	205.50	15.92		
204.47	5.33	204.99	8.69	205.51	16.16		
204.48	5.35	205.00	8.82	205.52	16.46		
204.49	5.37	205.01	8.95	205.53	16.81		
204.50	5.40	205.02	9.08	205.54	17.21		
204.51	5.42	205.03	9.21	205.55	17.64		
204.52	5.44	205.04	9.34	205.56	18.12		
204.53	5.46	205.05	9.48	205.57	18.62		
204.54	5.48	205.06	9.61	205.58	19.16		
204.55	5.50	205.07	9.75	205.59	19.73		
204.56	5.52	205.08	9.89	205.60	20.32		
204.57	5.54	205.09	10.03	205.61	20.95		
204.58	5.57	205.10	10.17	205.62	21.60		
204.59	5.59	205.11	10.31	205.63	22.27		

Stage-Area-Storage for Pond B-40: Basin #40

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	3,521	0	202.52	3,711	1,880
202.01	3,525	35	202.53	3,714	1,917
202.02	3,528	70	202.54	3,718	1,955
202.03	3,532	106	202.55	3,722	1,992
202.04	3,536	141	202.56	3,725	2,029
202.05	3,539	177	202.57	3,729	2,066
202.06	3,543	212	202.58	3,733	2,104
202.07	3,547	247	202.59	3,736	2,141
202.08	3,550	283	202.60	3,740	2,178
202.09	3,554	318	202.61	3,744	2,216
202.10	3,557	354	202.62	3,747	2,253
202.11	3,561	390	202.63	3,751	2,291
202.12	3,565	425	202.64	3,755	2,328
202.13	3,568	461	202.65	3,758	2,366
202.14	3,572	497	202.66	3,762	2,403
202.15	3,576	532	202.67	3,766	2,441
202.16	3,579	568	202.68	3,769	2,479
202.17	3,583	604	202.69	3,773	2,516
202.18	3,587	640	202.70	3,776	2,554
202.19	3,590	676	202.71	3,780	2,592
202.20	3,594	711	202.72	3,784	2,630
202.21	3,598	747	202.73	3,787	2,668
202.22	3,601	783	202.74	3,791	2,705
202.23	3,605	819	202.75	3,795	2,743
202.24	3,609	856	202.76	3,798	2,781
202.25	3,612	892	202.77	3,802	2,819
202.26	3,616	928	202.78	3,806	2,857
202.27	3,620	964	202.79	3,809	2,895
202.28	3,623	1,000	202.80	3,813	2,934
202.29	3,627	1,036	202.81	3,817	2,972
202.30	3,631	1,073	202.82	3,820	3,010
202.31	3,634	1,109	202.83	3,824	3,048
202.32	3,638	1,145	202.84	3,828	3,086
202.33	3,641	1,182	202.85	3,831	3,125
202.34	3,645	1,218	202.86	3,835	3,163
202.35	3,649	1,255	202.87	3,839	3,201
202.36	3,652	1,291	202.88	3,842	3,240
202.37	3,656	1,328	202.89	3,846	3,278
202.38	3,660	1,364	202.90	3,850	3,317
202.39	3,663	1,401	202.91	3,853	3,355
202.40	3,667	1,438	202.92	3,857	3,394
202.41	3,671	1,474	202.93	3,860	3,432
202.42	3,674	1,511	202.94	3,864	3,471
202.43	3,678	1,548	202.95	3,868	3,510
202.44	3,682	1,585	202.96	3,871	3,548
202.45	3,685	1,621	202.97	3,875	3,587
202.46	3,689	1,658	202.98	3,879	3,626
202.47	3,693	1,695	202.99	3,882	3,665
202.48	3,696	1,732	203.00	3,886	3,704
202.49	3,700	1,769	203.01	3,890	3,742
202.50	3,704	1,806	203.02	3,894	3,781
202.51	3,707	1,843	203.03	3,897	3,820

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	3,901	3,859	203.56	4,099	5,939
203.05	3,905	3,898	203.57	4,103	5,980
203.06	3,909	3,937	203.58	4,106	6,021
203.07	3,913	3,976	203.59	4,110	6,062
203.08	3,916	4,016	203.60	4,114	6,103
203.09	3,920	4,055	203.61	4,118	6,145
203.10	3,924	4,094	203.62	4,122	6,186
203.11	3,928	4,133	203.63	4,125	6,227
203.12	3,932	4,173	203.64	4,129	6,268
203.13	3,935	4,212	203.65	4,133	6,310
203.14	3,939	4,251	203.66	4,137	6,351
203.15	3,943	4,291	203.67	4,141	6,392
203.16	3,947	4,330	203.68	4,144	6,434
203.17	3,951	4,370	203.69	4,148	6,475
203.18	3,954	4,409	203.70	4,152	6,517
203.19	3,958	4,449	203.71	4,156	6,558
203.20	3,962	4,488	203.72	4,160	6,600
203.21	3,966	4,528	203.73	4,163	6,642
203.22	3,970	4,568	203.74	4,167	6,683
203.23	3,973	4,607	203.75	4,171	6,725
203.24	3,977	4,647	203.76	4,175	6,767
203.25	3,981	4,687	203.77	4,179	6,808
203.26	3,985	4,727	203.78	4,182	6,850
203.27	3,989	4,767	203.79	4,186	6,892
203.28	3,992	4,806	203.80	4,190	6,934
203.29	3,996	4,846	203.81	4,194	6,976
203.30	4,000	4,886	203.82	4,198	7,018
203.31	4,004	4,926	203.83	4,201	7,060
203.32	4,008	4,966	203.84	4,205	7,102
203.33	4,011	5,007	203.85	4,209	7,144
203.34	4,015	5,047	203.86	4,213	7,186
203.35	4,019	5,087	203.87	4,217	7,228
203.36	4,023	5,127	203.88	4,220	7,270
203.37	4,027	5,167	203.89	4,224	7,313
203.38	4,030	5,208	203.90	4,228	7,355
203.39	4,034	5,248	203.91	4,232	7,397
203.40	4,038	5,288	203.92	4,236	7,439
203.41	4,042	5,329	203.93	4,239	7,482
203.42	4,046	5,369	203.94	4,243	7,524
203.43	4,049	5,410	203.95	4,247	7,567
203.44	4,053	5,450	203.96	4,251	7,609
203.45	4,057	5,491	203.97	4,255	7,652
203.46	4,061	5,531	203.98	4,258	7,694
203.47	4,065	5,572	203.99	4,262	7,737
203.48	4,068	5,613	204.00	4,266	7,780
203.49	4,072	5,653	204.01	4,270	7,822
203.50	4,076	5,694	204.02	4,274	7,865
203.51	4,080	5,735	204.03	4,278	7,908
203.52	4,084	5,776	204.04	4,282	7,950
203.53	4,087	5,816	204.05	4,286	7,993
203.54	4,091	5,857	204.06	4,290	8,036
203.55	4,095	5,898	204.07	4,294	8,079

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	4,298	8,122	204.60	4,502	10,410
204.09	4,301	8,165	204.61	4,506	10,455
204.10	4,305	8,208	204.62	4,510	10,500
204.11	4,309	8,251	204.63	4,514	10,545
204.12	4,313	8,294	204.64	4,518	10,590
204.13	4,317	8,337	204.65	4,522	10,636
204.14	4,321	8,381	204.66	4,526	10,681
204.15	4,325	8,424	204.67	4,530	10,726
204.16	4,329	8,467	204.68	4,534	10,771
204.17	4,333	8,510	204.69	4,538	10,817
204.18	4,337	8,554	204.70	4,542	10,862
204.19	4,341	8,597	204.71	4,546	10,908
204.20	4,345	8,641	204.72	4,550	10,953
204.21	4,349	8,684	204.73	4,554	10,999
204.22	4,353	8,728	204.74	4,558	11,044
204.23	4,357	8,771	204.75	4,562	11,090
204.24	4,361	8,815	204.76	4,565	11,135
204.25	4,365	8,858	204.77	4,569	11,181
204.26	4,368	8,902	204.78	4,573	11,227
204.27	4,372	8,946	204.79	4,577	11,273
204.28	4,376	8,989	204.80	4,581	11,318
204.29	4,380	9,033	204.81	4,585	11,364
204.30	4,384	9,077	204.82	4,589	11,410
204.31	4,388	9,121	204.83	4,593	11,456
204.32	4,392	9,165	204.84	4,597	11,502
204.33	4,396	9,209	204.85	4,601	11,548
204.34	4,400	9,253	204.86	4,605	11,594
204.35	4,404	9,297	204.87	4,609	11,640
204.36	4,408	9,341	204.88	4,613	11,686
204.37	4,412	9,385	204.89	4,617	11,732
204.38	4,416	9,429	204.90	4,621	11,778
204.39	4,420	9,473	204.91	4,625	11,825
204.40	4,424	9,517	204.92	4,628	11,871
204.41	4,428	9,562	204.93	4,632	11,917
204.42	4,431	9,606	204.94	4,636	11,964
204.43	4,435	9,650	204.95	4,640	12,010
204.44	4,439	9,695	204.96	4,644	12,056
204.45	4,443	9,739	204.97	4,648	12,103
204.46	4,447	9,784	204.98	4,652	12,149
204.47	4,451	9,828	204.99	4,656	12,196
204.48	4,455	9,873	205.00	4,660	12,243
204.49	4,459	9,917	205.01	4,664	12,289
204.50	4,463	9,962	205.02	4,668	12,336
204.51	4,467	10,006	205.03	4,672	12,382
204.52	4,471	10,051	205.04	4,676	12,429
204.53	4,475	10,096	205.05	4,680	12,476
204.54	4,479	10,141	205.06	4,685	12,523
204.55	4,483	10,185	205.07	4,689	12,570
204.56	4,487	10,230	205.08	4,693	12,617
204.57	4,491	10,275	205.09	4,697	12,664
204.58	4,495	10,320	205.10	4,701	12,711
204.59	4,498	10,365	205.11	4,705	12,758

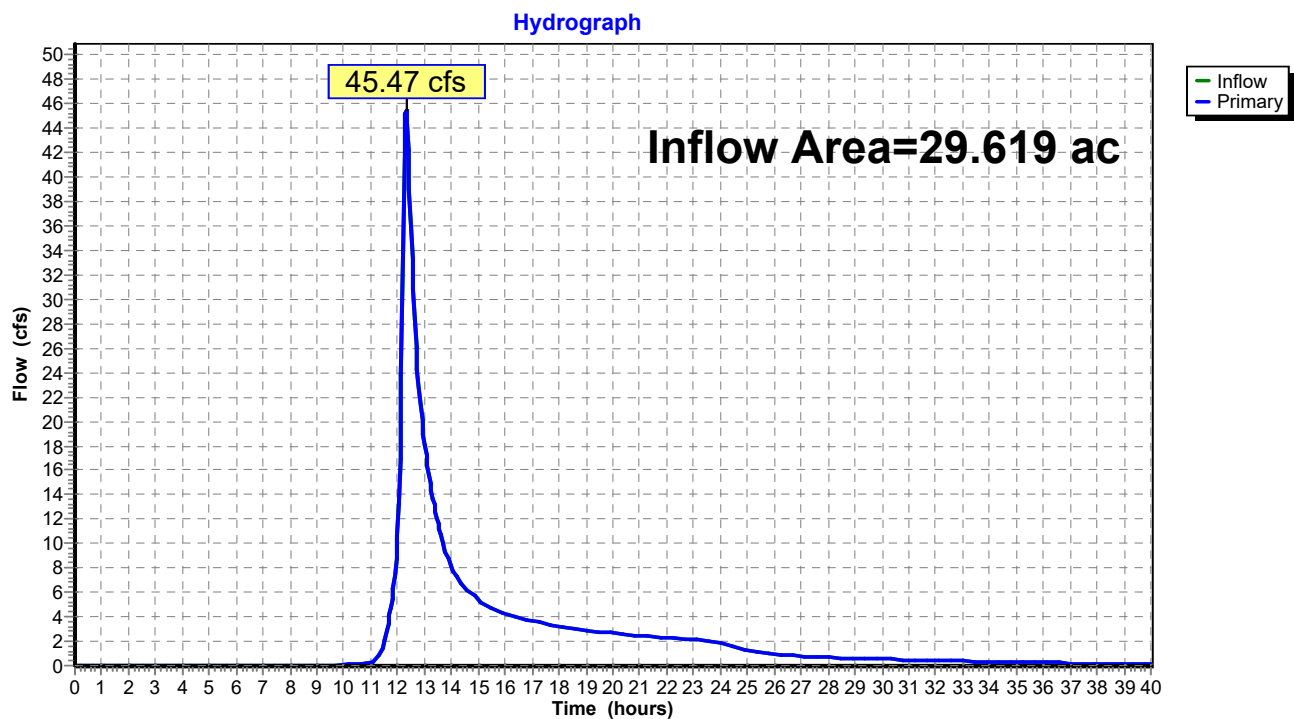
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	4,709	12,805	205.64	4,922	15,309
205.13	4,713	12,852	205.65	4,926	15,358
205.14	4,717	12,899	205.66	4,930	15,407
205.15	4,721	12,946	205.67	4,934	15,457
205.16	4,725	12,993	205.68	4,938	15,506
205.17	4,730	13,041	205.69	4,942	15,555
205.18	4,734	13,088	205.70	4,946	15,605
205.19	4,738	13,135	205.71	4,950	15,654
205.20	4,742	13,183	205.72	4,954	15,704
205.21	4,746	13,230	205.73	4,959	15,753
205.22	4,750	13,278	205.74	4,963	15,803
205.23	4,754	13,325	205.75	4,967	15,853
205.24	4,758	13,373	205.76	4,971	15,902
205.25	4,762	13,420	205.77	4,975	15,952
205.26	4,766	13,468	205.78	4,979	16,002
205.27	4,770	13,516	205.79	4,983	16,052
205.28	4,775	13,563	205.80	4,987	16,101
205.29	4,779	13,611	205.81	4,991	16,151
205.30	4,783	13,659	205.82	4,995	16,201
205.31	4,787	13,707	205.83	4,999	16,251
205.32	4,791	13,755	205.84	5,004	16,301
205.33	4,795	13,803	205.85	5,008	16,351
205.34	4,799	13,851	205.86	5,012	16,401
205.35	4,803	13,899	205.87	5,016	16,451
205.36	4,807	13,947	205.88	5,020	16,502
205.37	4,811	13,995	205.89	5,024	16,552
205.38	4,815	14,043	205.90	5,028	16,602
205.39	4,820	14,091	205.91	5,032	16,652
205.40	4,824	14,139	205.92	5,036	16,703
205.41	4,828	14,187	205.93	5,040	16,753
205.42	4,832	14,236	205.94	5,044	16,804
205.43	4,836	14,284	205.95	5,049	16,854
205.44	4,840	14,332	205.96	5,053	16,905
205.45	4,844	14,381	205.97	5,057	16,955
205.46	4,848	14,429	205.98	5,061	17,006
205.47	4,852	14,478	205.99	5,065	17,056
205.48	4,856	14,526	206.00	5,069	17,107
205.49	4,860	14,575			
205.50	4,865	14,624			
205.51	4,869	14,672			
205.52	4,873	14,721			
205.53	4,877	14,770			
205.54	4,881	14,819			
205.55	4,885	14,867			
205.56	4,889	14,916			
205.57	4,893	14,965			
205.58	4,897	15,014			
205.59	4,901	15,063			
205.60	4,905	15,112			
205.61	4,909	15,161			
205.62	4,914	15,210			
205.63	4,918	15,259			

Summary for Link PDA-3: Proposed Drainage Area #3

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 2.88" for Current 10 yr event
Inflow = 45.47 cfs @ 12.32 hrs, Volume= 7.099 af
Primary = 45.47 cfs @ 12.32 hrs, Volume= 7.099 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-3: Proposed Drainage Area #3

Hydrograph for Link PDA-3: Proposed Drainage Area #3

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.01	0.00	0.01
6.50	0.00	0.00	0.00	9.10	0.01	0.00	0.01
6.55	0.00	0.00	0.00	9.15	0.01	0.00	0.01
6.60	0.00	0.00	0.00	9.20	0.01	0.00	0.01
6.65	0.00	0.00	0.00	9.25	0.02	0.00	0.02
6.70	0.00	0.00	0.00	9.30	0.02	0.00	0.02
6.75	0.00	0.00	0.00	9.35	0.02	0.00	0.02
6.80	0.00	0.00	0.00	9.40	0.02	0.00	0.02
6.85	0.00	0.00	0.00	9.45	0.03	0.00	0.03
6.90	0.00	0.00	0.00	9.50	0.03	0.00	0.03
6.95	0.00	0.00	0.00	9.55	0.03	0.00	0.03
7.00	0.00	0.00	0.00	9.60	0.04	0.00	0.04
7.05	0.00	0.00	0.00	9.65	0.04	0.00	0.04
7.10	0.00	0.00	0.00	9.70	0.04	0.00	0.04
7.15	0.00	0.00	0.00	9.75	0.05	0.00	0.05
7.20	0.00	0.00	0.00	9.80	0.05	0.00	0.05
7.25	0.00	0.00	0.00	9.85	0.06	0.00	0.06
7.30	0.00	0.00	0.00	9.90	0.06	0.00	0.06
7.35	0.00	0.00	0.00	9.95	0.07	0.00	0.07
7.40	0.00	0.00	0.00	10.00	0.07	0.00	0.07
7.45	0.00	0.00	0.00	10.05	0.08	0.00	0.08
7.50	0.00	0.00	0.00	10.10	0.08	0.00	0.08
7.55	0.00	0.00	0.00	10.15	0.09	0.00	0.09
7.60	0.00	0.00	0.00	10.20	0.09	0.00	0.09
7.65	0.00	0.00	0.00	10.25	0.10	0.00	0.10
7.70	0.00	0.00	0.00	10.30	0.10	0.00	0.10
7.75	0.00	0.00	0.00	10.35	0.11	0.00	0.11

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.11	0.00	0.11	13.00	18.04	0.00	18.04
10.45	0.12	0.00	0.12	13.05	17.19	0.00	17.19
10.50	0.13	0.00	0.13	13.10	16.39	0.00	16.39
10.55	0.13	0.00	0.13	13.15	15.65	0.00	15.65
10.60	0.14	0.00	0.14	13.20	14.95	0.00	14.95
10.65	0.16	0.00	0.16	13.25	14.28	0.00	14.28
10.70	0.17	0.00	0.17	13.30	13.68	0.00	13.68
10.75	0.18	0.00	0.18	13.35	13.14	0.00	13.14
10.80	0.20	0.00	0.20	13.40	12.61	0.00	12.61
10.85	0.21	0.00	0.21	13.45	12.12	0.00	12.12
10.90	0.23	0.00	0.23	13.50	11.65	0.00	11.65
10.95	0.25	0.00	0.25	13.55	11.18	0.00	11.18
11.00	0.27	0.00	0.27	13.60	10.72	0.00	10.72
11.05	0.29	0.00	0.29	13.65	10.29	0.00	10.29
11.10	0.32	0.00	0.32	13.70	9.89	0.00	9.89
11.15	0.35	0.00	0.35	13.75	9.53	0.00	9.53
11.20	0.38	0.00	0.38	13.80	9.21	0.00	9.21
11.25	0.45	0.00	0.45	13.85	8.91	0.00	8.91
11.30	0.66	0.00	0.66	13.90	8.63	0.00	8.63
11.35	0.92	0.00	0.92	13.95	8.37	0.00	8.37
11.40	1.24	0.00	1.24	14.00	8.12	0.00	8.12
11.45	1.60	0.00	1.60	14.05	7.88	0.00	7.88
11.50	1.98	0.00	1.98	14.10	7.66	0.00	7.66
11.55	2.39	0.00	2.39	14.15	7.45	0.00	7.45
11.60	2.90	0.00	2.90	14.20	7.26	0.00	7.26
11.65	3.51	0.00	3.51	14.25	7.08	0.00	7.08
11.70	4.15	0.00	4.15	14.30	6.92	0.00	6.92
11.75	4.77	0.00	4.77	14.35	6.77	0.00	6.77
11.80	5.49	0.00	5.49	14.40	6.64	0.00	6.64
11.85	6.34	0.00	6.34	14.45	6.51	0.00	6.51
11.90	7.38	0.00	7.38	14.50	6.40	0.00	6.40
11.95	8.70	0.00	8.70	14.55	6.28	0.00	6.28
12.00	10.57	0.00	10.57	14.60	6.17	0.00	6.17
12.05	13.16	0.00	13.16	14.65	6.07	0.00	6.07
12.10	16.95	0.00	16.95	14.70	5.96	0.00	5.96
12.15	23.81	0.00	23.81	14.75	5.86	0.00	5.86
12.20	33.52	0.00	33.52	14.80	5.76	0.00	5.76
12.25	41.92	0.00	41.92	14.85	5.67	0.00	5.67
12.30	45.24	0.00	45.24	14.90	5.57	0.00	5.57
12.35	44.63	0.00	44.63	14.95	5.48	0.00	5.48
12.40	42.16	0.00	42.16	15.00	5.39	0.00	5.39
12.45	39.02	0.00	39.02	15.05	5.30	0.00	5.30
12.50	35.97	0.00	35.97	15.10	5.21	0.00	5.21
12.55	33.31	0.00	33.31	15.15	5.12	0.00	5.12
12.60	30.84	0.00	30.84	15.20	5.04	0.00	5.04
12.65	28.40	0.00	28.40	15.25	4.97	0.00	4.97
12.70	26.17	0.00	26.17	15.30	4.90	0.00	4.90
12.75	24.22	0.00	24.22	15.35	4.83	0.00	4.83
12.80	22.57	0.00	22.57	15.40	4.77	0.00	4.77
12.85	21.20	0.00	21.20	15.45	4.71	0.00	4.71
12.90	20.02	0.00	20.02	15.50	4.66	0.00	4.66
12.95	18.98	0.00	18.98	15.55	4.60	0.00	4.60

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	4.55	0.00	4.55	18.20	3.10	0.00	3.10
15.65	4.51	0.00	4.51	18.25	3.08	0.00	3.08
15.70	4.46	0.00	4.46	18.30	3.06	0.00	3.06
15.75	4.42	0.00	4.42	18.35	3.04	0.00	3.04
15.80	4.38	0.00	4.38	18.40	3.03	0.00	3.03
15.85	4.34	0.00	4.34	18.45	3.01	0.00	3.01
15.90	4.30	0.00	4.30	18.50	3.00	0.00	3.00
15.95	4.27	0.00	4.27	18.55	2.98	0.00	2.98
16.00	4.23	0.00	4.23	18.60	2.97	0.00	2.97
16.05	4.20	0.00	4.20	18.65	2.96	0.00	2.96
16.10	4.16	0.00	4.16	18.70	2.94	0.00	2.94
16.15	4.13	0.00	4.13	18.75	2.93	0.00	2.93
16.20	4.10	0.00	4.10	18.80	2.92	0.00	2.92
16.25	4.07	0.00	4.07	18.85	2.91	0.00	2.91
16.30	4.03	0.00	4.03	18.90	2.90	0.00	2.90
16.35	4.00	0.00	4.00	18.95	2.89	0.00	2.89
16.40	3.98	0.00	3.98	19.00	2.87	0.00	2.87
16.45	3.95	0.00	3.95	19.05	2.86	0.00	2.86
16.50	3.92	0.00	3.92	19.10	2.85	0.00	2.85
16.55	3.89	0.00	3.89	19.15	2.84	0.00	2.84
16.60	3.87	0.00	3.87	19.20	2.83	0.00	2.83
16.65	3.84	0.00	3.84	19.25	2.82	0.00	2.82
16.70	3.81	0.00	3.81	19.30	2.81	0.00	2.81
16.75	3.79	0.00	3.79	19.35	2.80	0.00	2.80
16.80	3.76	0.00	3.76	19.40	2.79	0.00	2.79
16.85	3.73	0.00	3.73	19.45	2.78	0.00	2.78
16.90	3.71	0.00	3.71	19.50	2.77	0.00	2.77
16.95	3.68	0.00	3.68	19.55	2.76	0.00	2.76
17.00	3.66	0.00	3.66	19.60	2.75	0.00	2.75
17.05	3.63	0.00	3.63	19.65	2.74	0.00	2.74
17.10	3.61	0.00	3.61	19.70	2.73	0.00	2.73
17.15	3.58	0.00	3.58	19.75	2.71	0.00	2.71
17.20	3.56	0.00	3.56	19.80	2.71	0.00	2.71
17.25	3.53	0.00	3.53	19.85	2.70	0.00	2.70
17.30	3.51	0.00	3.51	19.90	2.69	0.00	2.69
17.35	3.48	0.00	3.48	19.95	2.68	0.00	2.68
17.40	3.46	0.00	3.46	20.00	2.67	0.00	2.67
17.45	3.43	0.00	3.43	20.05	2.66	0.00	2.66
17.50	3.41	0.00	3.41	20.10	2.65	0.00	2.65
17.55	3.38	0.00	3.38	20.15	2.64	0.00	2.64
17.60	3.36	0.00	3.36	20.20	2.63	0.00	2.63
17.65	3.34	0.00	3.34	20.25	2.62	0.00	2.62
17.70	3.31	0.00	3.31	20.30	2.61	0.00	2.61
17.75	3.29	0.00	3.29	20.35	2.60	0.00	2.60
17.80	3.27	0.00	3.27	20.40	2.59	0.00	2.59
17.85	3.24	0.00	3.24	20.45	2.58	0.00	2.58
17.90	3.22	0.00	3.22	20.50	2.57	0.00	2.57
17.95	3.20	0.00	3.20	20.55	2.56	0.00	2.56
18.00	3.18	0.00	3.18	20.60	2.55	0.00	2.55
18.05	3.16	0.00	3.16	20.65	2.54	0.00	2.54
18.10	3.14	0.00	3.14	20.70	2.53	0.00	2.53
18.15	3.12	0.00	3.12	20.75	2.52	0.00	2.52

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.51	0.00	2.51	23.40	2.04	0.00	2.04
20.85	2.50	0.00	2.50	23.45	2.03	0.00	2.03
20.90	2.49	0.00	2.49	23.50	2.02	0.00	2.02
20.95	2.48	0.00	2.48	23.55	2.01	0.00	2.01
21.00	2.47	0.00	2.47	23.60	2.01	0.00	2.01
21.05	2.46	0.00	2.46	23.65	2.00	0.00	2.00
21.10	2.45	0.00	2.45	23.70	1.99	0.00	1.99
21.15	2.44	0.00	2.44	23.75	1.98	0.00	1.98
21.20	2.43	0.00	2.43	23.80	1.97	0.00	1.97
21.25	2.42	0.00	2.42	23.85	1.96	0.00	1.96
21.30	2.42	0.00	2.42	23.90	1.95	0.00	1.95
21.35	2.41	0.00	2.41	23.95	1.95	0.00	1.95
21.40	2.40	0.00	2.40	24.00	1.95	0.00	1.95
21.45	2.39	0.00	2.39	24.05	1.95	0.00	1.95
21.50	2.38	0.00	2.38	24.10	1.91	0.00	1.91
21.55	2.37	0.00	2.37	24.15	1.84	0.00	1.84
21.60	2.36	0.00	2.36	24.20	1.77	0.00	1.77
21.65	2.35	0.00	2.35	24.25	1.71	0.00	1.71
21.70	2.34	0.00	2.34	24.30	1.66	0.00	1.66
21.75	2.33	0.00	2.33	24.35	1.61	0.00	1.61
21.80	2.32	0.00	2.32	24.40	1.57	0.00	1.57
21.85	2.31	0.00	2.31	24.45	1.53	0.00	1.53
21.90	2.31	0.00	2.31	24.50	1.49	0.00	1.49
21.95	2.30	0.00	2.30	24.55	1.46	0.00	1.46
22.00	2.29	0.00	2.29	24.60	1.43	0.00	1.43
22.05	2.28	0.00	2.28	24.65	1.40	0.00	1.40
22.10	2.27	0.00	2.27	24.70	1.37	0.00	1.37
22.15	2.26	0.00	2.26	24.75	1.34	0.00	1.34
22.20	2.25	0.00	2.25	24.80	1.32	0.00	1.32
22.25	2.24	0.00	2.24	24.85	1.29	0.00	1.29
22.30	2.23	0.00	2.23	24.90	1.27	0.00	1.27
22.35	2.22	0.00	2.22	24.95	1.25	0.00	1.25
22.40	2.21	0.00	2.21	25.00	1.23	0.00	1.23
22.45	2.21	0.00	2.21	25.05	1.21	0.00	1.21
22.50	2.20	0.00	2.20	25.10	1.19	0.00	1.19
22.55	2.19	0.00	2.19	25.15	1.17	0.00	1.17
22.60	2.18	0.00	2.18	25.20	1.15	0.00	1.15
22.65	2.17	0.00	2.17	25.25	1.13	0.00	1.13
22.70	2.16	0.00	2.16	25.30	1.12	0.00	1.12
22.75	2.15	0.00	2.15	25.35	1.10	0.00	1.10
22.80	2.14	0.00	2.14	25.40	1.09	0.00	1.09
22.85	2.13	0.00	2.13	25.45	1.07	0.00	1.07
22.90	2.13	0.00	2.13	25.50	1.06	0.00	1.06
22.95	2.12	0.00	2.12	25.55	1.04	0.00	1.04
23.00	2.11	0.00	2.11	25.60	1.03	0.00	1.03
23.05	2.10	0.00	2.10	25.65	1.02	0.00	1.02
23.10	2.09	0.00	2.09	25.70	1.01	0.00	1.01
23.15	2.08	0.00	2.08	25.75	1.00	0.00	1.00
23.20	2.07	0.00	2.07	25.80	0.99	0.00	0.99
23.25	2.06	0.00	2.06	25.85	0.97	0.00	0.97
23.30	2.06	0.00	2.06	25.90	0.96	0.00	0.96
23.35	2.05	0.00	2.05	25.95	0.95	0.00	0.95

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.94	0.00	0.94	28.60	0.64	0.00	0.64
26.05	0.94	0.00	0.94	28.65	0.63	0.00	0.63
26.10	0.93	0.00	0.93	28.70	0.63	0.00	0.63
26.15	0.92	0.00	0.92	28.75	0.62	0.00	0.62
26.20	0.91	0.00	0.91	28.80	0.62	0.00	0.62
26.25	0.90	0.00	0.90	28.85	0.62	0.00	0.62
26.30	0.89	0.00	0.89	28.90	0.61	0.00	0.61
26.35	0.88	0.00	0.88	28.95	0.61	0.00	0.61
26.40	0.87	0.00	0.87	29.00	0.61	0.00	0.61
26.45	0.87	0.00	0.87	29.05	0.60	0.00	0.60
26.50	0.86	0.00	0.86	29.10	0.60	0.00	0.60
26.55	0.85	0.00	0.85	29.15	0.60	0.00	0.60
26.60	0.84	0.00	0.84	29.20	0.59	0.00	0.59
26.65	0.84	0.00	0.84	29.25	0.59	0.00	0.59
26.70	0.83	0.00	0.83	29.30	0.59	0.00	0.59
26.75	0.82	0.00	0.82	29.35	0.58	0.00	0.58
26.80	0.82	0.00	0.82	29.40	0.58	0.00	0.58
26.85	0.81	0.00	0.81	29.45	0.58	0.00	0.58
26.90	0.80	0.00	0.80	29.50	0.57	0.00	0.57
26.95	0.80	0.00	0.80	29.55	0.57	0.00	0.57
27.00	0.79	0.00	0.79	29.60	0.57	0.00	0.57
27.05	0.79	0.00	0.79	29.65	0.56	0.00	0.56
27.10	0.78	0.00	0.78	29.70	0.56	0.00	0.56
27.15	0.77	0.00	0.77	29.75	0.56	0.00	0.56
27.20	0.77	0.00	0.77	29.80	0.55	0.00	0.55
27.25	0.76	0.00	0.76	29.85	0.55	0.00	0.55
27.30	0.76	0.00	0.76	29.90	0.55	0.00	0.55
27.35	0.75	0.00	0.75	29.95	0.54	0.00	0.54
27.40	0.75	0.00	0.75	30.00	0.54	0.00	0.54
27.45	0.74	0.00	0.74	30.05	0.54	0.00	0.54
27.50	0.73	0.00	0.73	30.10	0.53	0.00	0.53
27.55	0.73	0.00	0.73	30.15	0.53	0.00	0.53
27.60	0.72	0.00	0.72	30.20	0.53	0.00	0.53
27.65	0.72	0.00	0.72	30.25	0.52	0.00	0.52
27.70	0.71	0.00	0.71	30.30	0.52	0.00	0.52
27.75	0.71	0.00	0.71	30.35	0.52	0.00	0.52
27.80	0.70	0.00	0.70	30.40	0.51	0.00	0.51
27.85	0.70	0.00	0.70	30.45	0.51	0.00	0.51
27.90	0.69	0.00	0.69	30.50	0.51	0.00	0.51
27.95	0.69	0.00	0.69	30.55	0.51	0.00	0.51
28.00	0.69	0.00	0.69	30.60	0.50	0.00	0.50
28.05	0.68	0.00	0.68	30.65	0.50	0.00	0.50
28.10	0.68	0.00	0.68	30.70	0.50	0.00	0.50
28.15	0.67	0.00	0.67	30.75	0.49	0.00	0.49
28.20	0.67	0.00	0.67	30.80	0.49	0.00	0.49
28.25	0.66	0.00	0.66	30.85	0.49	0.00	0.49
28.30	0.66	0.00	0.66	30.90	0.48	0.00	0.48
28.35	0.66	0.00	0.66	30.95	0.48	0.00	0.48
28.40	0.65	0.00	0.65	31.00	0.48	0.00	0.48
28.45	0.65	0.00	0.65	31.05	0.47	0.00	0.47
28.50	0.64	0.00	0.64	31.10	0.47	0.00	0.47
28.55	0.64	0.00	0.64	31.15	0.47	0.00	0.47

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.47	0.00	0.47	33.80	0.33	0.00	0.33
31.25	0.46	0.00	0.46	33.85	0.33	0.00	0.33
31.30	0.46	0.00	0.46	33.90	0.32	0.00	0.32
31.35	0.46	0.00	0.46	33.95	0.32	0.00	0.32
31.40	0.45	0.00	0.45	34.00	0.32	0.00	0.32
31.45	0.45	0.00	0.45	34.05	0.32	0.00	0.32
31.50	0.45	0.00	0.45	34.10	0.31	0.00	0.31
31.55	0.45	0.00	0.45	34.15	0.31	0.00	0.31
31.60	0.44	0.00	0.44	34.20	0.31	0.00	0.31
31.65	0.44	0.00	0.44	34.25	0.31	0.00	0.31
31.70	0.44	0.00	0.44	34.30	0.31	0.00	0.31
31.75	0.43	0.00	0.43	34.35	0.30	0.00	0.30
31.80	0.43	0.00	0.43	34.40	0.30	0.00	0.30
31.85	0.43	0.00	0.43	34.45	0.30	0.00	0.30
31.90	0.43	0.00	0.43	34.50	0.30	0.00	0.30
31.95	0.42	0.00	0.42	34.55	0.29	0.00	0.29
32.00	0.42	0.00	0.42	34.60	0.29	0.00	0.29
32.05	0.42	0.00	0.42	34.65	0.29	0.00	0.29
32.10	0.41	0.00	0.41	34.70	0.29	0.00	0.29
32.15	0.41	0.00	0.41	34.75	0.29	0.00	0.29
32.20	0.41	0.00	0.41	34.80	0.28	0.00	0.28
32.25	0.41	0.00	0.41	34.85	0.28	0.00	0.28
32.30	0.40	0.00	0.40	34.90	0.28	0.00	0.28
32.35	0.40	0.00	0.40	34.95	0.28	0.00	0.28
32.40	0.40	0.00	0.40	35.00	0.28	0.00	0.28
32.45	0.40	0.00	0.40	35.05	0.27	0.00	0.27
32.50	0.39	0.00	0.39	35.10	0.27	0.00	0.27
32.55	0.39	0.00	0.39	35.15	0.27	0.00	0.27
32.60	0.39	0.00	0.39	35.20	0.27	0.00	0.27
32.65	0.39	0.00	0.39	35.25	0.27	0.00	0.27
32.70	0.38	0.00	0.38	35.30	0.26	0.00	0.26
32.75	0.38	0.00	0.38	35.35	0.26	0.00	0.26
32.80	0.38	0.00	0.38	35.40	0.26	0.00	0.26
32.85	0.37	0.00	0.37	35.45	0.26	0.00	0.26
32.90	0.37	0.00	0.37	35.50	0.26	0.00	0.26
32.95	0.37	0.00	0.37	35.55	0.26	0.00	0.26
33.00	0.37	0.00	0.37	35.60	0.25	0.00	0.25
33.05	0.36	0.00	0.36	35.65	0.25	0.00	0.25
33.10	0.36	0.00	0.36	35.70	0.25	0.00	0.25
33.15	0.36	0.00	0.36	35.75	0.25	0.00	0.25
33.20	0.36	0.00	0.36	35.80	0.25	0.00	0.25
33.25	0.36	0.00	0.36	35.85	0.24	0.00	0.24
33.30	0.35	0.00	0.35	35.90	0.24	0.00	0.24
33.35	0.35	0.00	0.35	35.95	0.24	0.00	0.24
33.40	0.35	0.00	0.35	36.00	0.24	0.00	0.24
33.45	0.35	0.00	0.35	36.05	0.24	0.00	0.24
33.50	0.34	0.00	0.34	36.10	0.23	0.00	0.23
33.55	0.34	0.00	0.34	36.15	0.23	0.00	0.23
33.60	0.34	0.00	0.34	36.20	0.23	0.00	0.23
33.65	0.34	0.00	0.34	36.25	0.23	0.00	0.23
33.70	0.33	0.00	0.33	36.30	0.23	0.00	0.23
33.75	0.33	0.00	0.33	36.35	0.23	0.00	0.23

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.22	0.00	0.22	39.00	0.15	0.00	0.15
36.45	0.22	0.00	0.22	39.05	0.15	0.00	0.15
36.50	0.22	0.00	0.22	39.10	0.14	0.00	0.14
36.55	0.22	0.00	0.22	39.15	0.14	0.00	0.14
36.60	0.22	0.00	0.22	39.20	0.14	0.00	0.14
36.65	0.22	0.00	0.22	39.25	0.14	0.00	0.14
36.70	0.22	0.00	0.22	39.30	0.14	0.00	0.14
36.75	0.21	0.00	0.21	39.35	0.14	0.00	0.14
36.80	0.21	0.00	0.21	39.40	0.14	0.00	0.14
36.85	0.21	0.00	0.21	39.45	0.14	0.00	0.14
36.90	0.21	0.00	0.21	39.50	0.13	0.00	0.13
36.95	0.21	0.00	0.21	39.55	0.13	0.00	0.13
37.00	0.21	0.00	0.21	39.60	0.13	0.00	0.13
37.05	0.20	0.00	0.20	39.65	0.13	0.00	0.13
37.10	0.20	0.00	0.20	39.70	0.13	0.00	0.13
37.15	0.20	0.00	0.20	39.75	0.13	0.00	0.13
37.20	0.20	0.00	0.20	39.80	0.13	0.00	0.13
37.25	0.20	0.00	0.20	39.85	0.13	0.00	0.13
37.30	0.20	0.00	0.20	39.90	0.12	0.00	0.12
37.35	0.19	0.00	0.19	39.95	0.12	0.00	0.12
37.40	0.19	0.00	0.19	40.00	0.12	0.00	0.12
37.45	0.19	0.00	0.19				
37.50	0.19	0.00	0.19				
37.55	0.19	0.00	0.19				
37.60	0.19	0.00	0.19				
37.65	0.19	0.00	0.19				
37.70	0.18	0.00	0.18				
37.75	0.18	0.00	0.18				
37.80	0.18	0.00	0.18				
37.85	0.18	0.00	0.18				
37.90	0.18	0.00	0.18				
37.95	0.18	0.00	0.18				
38.00	0.18	0.00	0.18				
38.05	0.17	0.00	0.17				
38.10	0.17	0.00	0.17				
38.15	0.17	0.00	0.17				
38.20	0.17	0.00	0.17				
38.25	0.17	0.00	0.17				
38.30	0.17	0.00	0.17				
38.35	0.17	0.00	0.17				
38.40	0.16	0.00	0.16				
38.45	0.16	0.00	0.16				
38.50	0.16	0.00	0.16				
38.55	0.16	0.00	0.16				
38.60	0.16	0.00	0.16				
38.65	0.16	0.00	0.16				
38.70	0.16	0.00	0.16				
38.75	0.15	0.00	0.15				
38.80	0.15	0.00	0.15				
38.85	0.15	0.00	0.15				
38.90	0.15	0.00	0.15				
38.95	0.15	0.00	0.15				

Summary for Subcatchment 29I: PDA-29 (impervious)

Runoff = 2.90 cfs @ 12.17 hrs, Volume= 0.257 af, Depth= 8.20"
 Routed to Pond B-29 : Basin #29

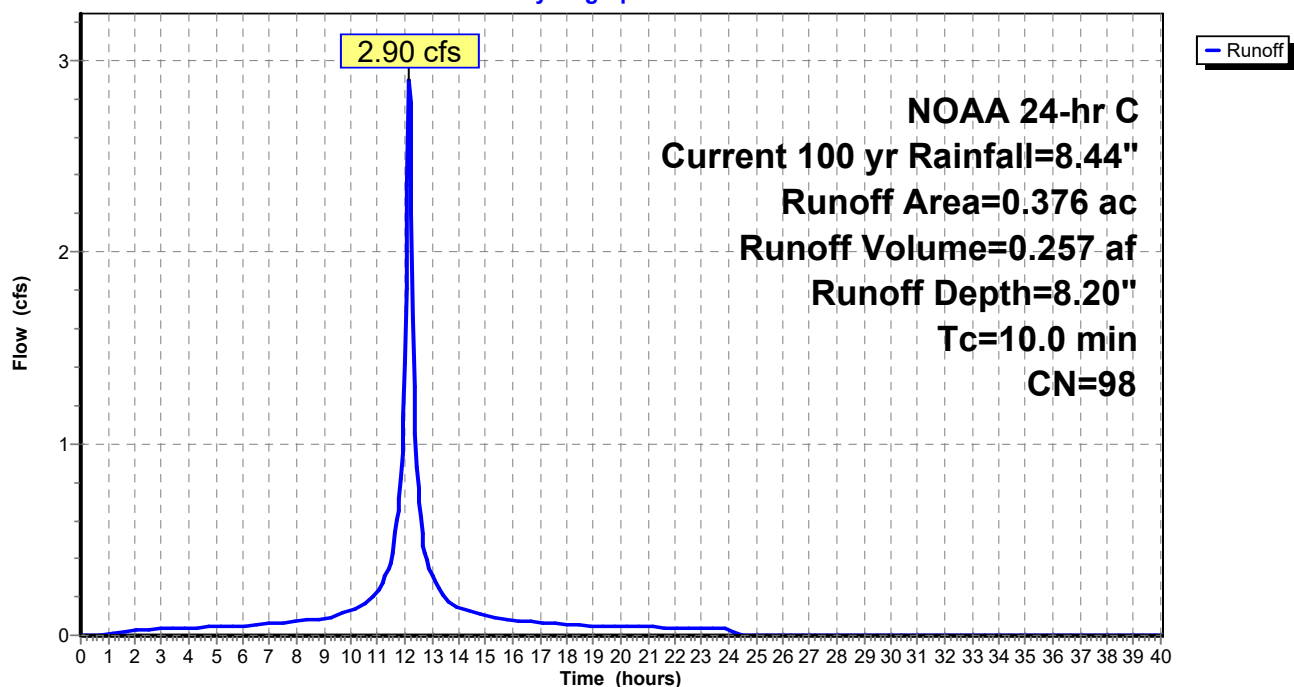
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.342	98	Pavement, HSG C
* 0.034	98	Concrete, HSC C
0.376	98	Weighted Average
0.376		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



Hydrograph for Subcatchment 29I: PDA-29 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.03
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.03
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.03
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.03
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.03
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.03
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.03
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.03
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.03
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.03
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.03
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.03
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.03
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.03
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.03
0.75	0.07	0.00	0.00	3.35	0.34	0.18	0.04
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.04
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.04
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.04
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.04
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.04
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.04
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.04
1.15	0.11	0.02	0.01	3.75	0.38	0.21	0.04
1.20	0.11	0.02	0.01	3.80	0.39	0.22	0.04
1.25	0.12	0.02	0.01	3.85	0.40	0.22	0.04
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.04
1.35	0.13	0.02	0.02	3.95	0.41	0.24	0.04
1.40	0.13	0.03	0.02	4.00	0.41	0.24	0.04
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.04
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.04
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.04
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.04
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.04
1.70	0.16	0.04	0.02	4.30	0.45	0.27	0.04
1.75	0.17	0.05	0.02	4.35	0.46	0.28	0.04
1.80	0.17	0.05	0.02	4.40	0.46	0.28	0.04
1.85	0.18	0.05	0.02	4.45	0.47	0.29	0.04
1.90	0.18	0.06	0.02	4.50	0.47	0.29	0.04
1.95	0.19	0.06	0.02	4.55	0.48	0.30	0.04
2.00	0.19	0.06	0.02	4.60	0.49	0.31	0.04
2.05	0.20	0.07	0.02	4.65	0.49	0.31	0.04
2.10	0.20	0.07	0.03	4.70	0.50	0.32	0.04
2.15	0.21	0.07	0.03	4.75	0.51	0.32	0.04
2.20	0.21	0.08	0.03	4.80	0.51	0.33	0.04
2.25	0.22	0.08	0.03	4.85	0.52	0.33	0.04
2.30	0.22	0.09	0.03	4.90	0.52	0.34	0.04
2.35	0.23	0.09	0.03	4.95	0.53	0.35	0.04
2.40	0.23	0.09	0.03	5.00	0.54	0.35	0.04
2.45	0.24	0.10	0.03	5.05	0.54	0.36	0.04
2.50	0.24	0.10	0.03	5.10	0.55	0.36	0.04
2.55	0.25	0.10	0.03	5.15	0.56	0.37	0.04

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.04	7.80	0.97	0.76	0.07
5.25	0.57	0.38	0.04	7.85	0.98	0.77	0.07
5.30	0.58	0.39	0.04	7.90	0.99	0.78	0.07
5.35	0.58	0.39	0.05	7.95	1.00	0.79	0.07
5.40	0.59	0.40	0.05	8.00	1.01	0.80	0.07
5.45	0.60	0.41	0.05	8.05	1.02	0.81	0.07
5.50	0.60	0.41	0.05	8.10	1.03	0.82	0.07
5.55	0.61	0.42	0.05	8.15	1.04	0.83	0.08
5.60	0.62	0.42	0.05	8.20	1.05	0.84	0.08
5.65	0.62	0.43	0.05	8.25	1.06	0.85	0.08
5.70	0.63	0.44	0.05	8.30	1.07	0.86	0.08
5.75	0.64	0.44	0.05	8.35	1.08	0.87	0.08
5.80	0.64	0.45	0.05	8.40	1.10	0.88	0.08
5.85	0.65	0.45	0.05	8.45	1.11	0.89	0.08
5.90	0.66	0.46	0.05	8.50	1.12	0.91	0.08
5.95	0.66	0.47	0.05	8.55	1.13	0.92	0.08
6.00	0.67	0.47	0.05	8.60	1.14	0.93	0.08
6.05	0.68	0.48	0.05	8.65	1.15	0.94	0.08
6.10	0.68	0.49	0.05	8.70	1.16	0.95	0.08
6.15	0.69	0.49	0.05	8.75	1.17	0.96	0.08
6.20	0.70	0.50	0.05	8.80	1.19	0.97	0.08
6.25	0.70	0.51	0.05	8.85	1.20	0.98	0.08
6.30	0.71	0.51	0.05	8.90	1.21	0.99	0.09
6.35	0.72	0.52	0.05	8.95	1.22	1.01	0.09
6.40	0.73	0.53	0.05	9.00	1.23	1.02	0.09
6.45	0.73	0.54	0.05	9.05	1.25	1.03	0.09
6.50	0.74	0.54	0.05	9.10	1.26	1.04	0.09
6.55	0.75	0.55	0.05	9.15	1.27	1.05	0.09
6.60	0.76	0.56	0.05	9.20	1.28	1.07	0.09
6.65	0.77	0.57	0.06	9.25	1.30	1.08	0.09
6.70	0.77	0.57	0.06	9.30	1.31	1.09	0.10
6.75	0.78	0.58	0.06	9.35	1.33	1.11	0.10
6.80	0.79	0.59	0.06	9.40	1.34	1.12	0.10
6.85	0.80	0.60	0.06	9.45	1.35	1.14	0.10
6.90	0.81	0.60	0.06	9.50	1.37	1.15	0.11
6.95	0.81	0.61	0.06	9.55	1.39	1.17	0.11
7.00	0.82	0.62	0.06	9.60	1.40	1.18	0.11
7.05	0.83	0.63	0.06	9.65	1.42	1.20	0.11
7.10	0.84	0.64	0.06	9.70	1.43	1.21	0.12
7.15	0.85	0.65	0.06	9.75	1.45	1.23	0.12
7.20	0.86	0.65	0.06	9.80	1.47	1.25	0.12
7.25	0.87	0.66	0.06	9.85	1.49	1.27	0.12
7.30	0.88	0.67	0.06	9.90	1.50	1.28	0.13
7.35	0.89	0.68	0.06	9.95	1.52	1.30	0.13
7.40	0.89	0.69	0.07	10.00	1.54	1.32	0.13
7.45	0.90	0.70	0.07	10.05	1.56	1.34	0.13
7.50	0.91	0.71	0.07	10.10	1.58	1.36	0.14
7.55	0.92	0.72	0.07	10.15	1.60	1.37	0.14
7.60	0.93	0.73	0.07	10.20	1.62	1.39	0.14
7.65	0.94	0.73	0.07	10.25	1.64	1.41	0.14
7.70	0.95	0.74	0.07	10.30	1.66	1.43	0.15
7.75	0.96	0.75	0.07	10.35	1.68	1.45	0.15

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.15	13.00	6.41	6.18	0.32
10.45	1.72	1.50	0.15	13.05	6.45	6.21	0.31
10.50	1.74	1.52	0.15	13.10	6.48	6.24	0.29
10.55	1.76	1.54	0.16	13.15	6.51	6.27	0.27
10.60	1.79	1.56	0.16	13.20	6.54	6.30	0.26
10.65	1.81	1.59	0.17	13.25	6.57	6.33	0.25
10.70	1.84	1.62	0.18	13.30	6.60	6.36	0.24
10.75	1.87	1.64	0.19	13.35	6.63	6.39	0.23
10.80	1.90	1.67	0.20	13.40	6.65	6.41	0.22
10.85	1.93	1.70	0.20	13.45	6.68	6.44	0.21
10.90	1.96	1.73	0.21	13.50	6.70	6.46	0.20
10.95	1.99	1.77	0.22	13.55	6.72	6.48	0.19
11.00	2.03	1.80	0.23	13.60	6.74	6.50	0.18
11.05	2.06	1.84	0.24	13.65	6.76	6.53	0.17
11.10	2.10	1.87	0.25	13.70	6.78	6.55	0.17
11.15	2.14	1.92	0.27	13.75	6.80	6.57	0.16
11.20	2.19	1.96	0.29	13.80	6.82	6.59	0.16
11.25	2.23	2.01	0.30	13.85	6.84	6.61	0.15
11.30	2.28	2.05	0.32	13.90	6.86	6.62	0.15
11.35	2.33	2.10	0.34	13.95	6.88	6.64	0.15
11.40	2.38	2.16	0.35	14.00	6.90	6.66	0.15
11.45	2.44	2.21	0.37	14.05	6.92	6.68	0.15
11.50	2.49	2.26	0.39	14.10	6.94	6.70	0.14
11.55	2.58	2.35	0.41	14.15	6.95	6.72	0.14
11.60	2.66	2.43	0.46	14.20	6.97	6.73	0.14
11.65	2.75	2.52	0.54	14.25	6.99	6.75	0.14
11.70	2.84	2.61	0.60	14.30	7.01	6.77	0.13
11.75	2.97	2.74	0.65	14.35	7.02	6.78	0.13
11.80	3.09	2.86	0.72	14.40	7.04	6.80	0.13
11.85	3.26	3.03	0.82	14.45	7.05	6.82	0.13
11.90	3.43	3.20	0.96	14.50	7.07	6.83	0.12
11.95	3.73	3.49	1.14	14.55	7.09	6.85	0.12
12.00	4.02	3.79	1.42	14.60	7.10	6.86	0.12
12.05	4.52	4.28	1.81	14.65	7.11	6.88	0.12
12.10	5.01	4.77	2.35	14.70	7.13	6.89	0.11
12.15	5.18	4.94	2.86	14.75	7.14	6.90	0.11
12.20	5.35	5.11	2.78	14.80	7.16	6.92	0.11
12.25	5.47	5.24	2.20	14.85	7.17	6.93	0.11
12.30	5.60	5.36	1.66	14.90	7.18	6.94	0.10
12.35	5.69	5.45	1.30	14.95	7.19	6.96	0.10
12.40	5.78	5.54	1.05	15.00	7.21	6.97	0.10
12.45	5.86	5.62	0.88	15.05	7.22	6.98	0.10
12.50	5.95	5.71	0.77	15.10	7.23	6.99	0.09
12.55	6.00	5.76	0.70	15.15	7.24	7.00	0.09
12.60	6.06	5.82	0.62	15.20	7.25	7.02	0.09
12.65	6.11	5.87	0.53	15.25	7.27	7.03	0.09
12.70	6.16	5.92	0.47	15.30	7.28	7.04	0.09
12.75	6.21	5.97	0.43	15.35	7.29	7.05	0.09
12.80	6.25	6.02	0.40	15.40	7.30	7.06	0.09
12.85	6.30	6.06	0.38	15.45	7.31	7.07	0.09
12.90	6.34	6.10	0.36	15.50	7.32	7.08	0.09
12.95	6.38	6.14	0.34	15.55	7.33	7.09	0.09

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.08	18.20	7.80	7.56	0.05
15.65	7.36	7.12	0.08	18.25	7.80	7.57	0.05
15.70	7.37	7.13	0.08	18.30	7.81	7.57	0.05
15.75	7.38	7.14	0.08	18.35	7.82	7.58	0.05
15.80	7.39	7.15	0.08	18.40	7.82	7.59	0.05
15.85	7.40	7.16	0.08	18.45	7.83	7.59	0.05
15.90	7.41	7.17	0.08	18.50	7.84	7.60	0.05
15.95	7.42	7.18	0.08	18.55	7.84	7.61	0.05
16.00	7.43	7.19	0.08	18.60	7.85	7.61	0.05
16.05	7.44	7.20	0.08	18.65	7.86	7.62	0.05
16.10	7.45	7.21	0.08	18.70	7.86	7.62	0.05
16.15	7.46	7.22	0.08	18.75	7.87	7.63	0.05
16.20	7.47	7.23	0.08	18.80	7.88	7.64	0.05
16.25	7.48	7.24	0.08	18.85	7.88	7.64	0.05
16.30	7.49	7.25	0.08	18.90	7.89	7.65	0.05
16.35	7.50	7.26	0.08	18.95	7.90	7.66	0.05
16.40	7.51	7.27	0.07	19.00	7.90	7.66	0.05
16.45	7.52	7.28	0.07	19.05	7.91	7.67	0.05
16.50	7.53	7.29	0.07	19.10	7.92	7.68	0.05
16.55	7.54	7.30	0.07	19.15	7.92	7.68	0.05
16.60	7.55	7.31	0.07	19.20	7.93	7.69	0.05
16.65	7.55	7.32	0.07	19.25	7.93	7.70	0.05
16.70	7.56	7.32	0.07	19.30	7.94	7.70	0.05
16.75	7.57	7.33	0.07	19.35	7.95	7.71	0.05
16.80	7.58	7.34	0.07	19.40	7.95	7.71	0.05
16.85	7.59	7.35	0.07	19.45	7.96	7.72	0.05
16.90	7.60	7.36	0.07	19.50	7.97	7.73	0.05
16.95	7.61	7.37	0.07	19.55	7.97	7.73	0.05
17.00	7.62	7.38	0.07	19.60	7.98	7.74	0.05
17.05	7.63	7.39	0.07	19.65	7.98	7.74	0.05
17.10	7.63	7.39	0.07	19.70	7.99	7.75	0.05
17.15	7.64	7.40	0.06	19.75	8.00	7.76	0.05
17.20	7.65	7.41	0.06	19.80	8.00	7.76	0.05
17.25	7.66	7.42	0.06	19.85	8.01	7.77	0.05
17.30	7.67	7.43	0.06	19.90	8.01	7.78	0.05
17.35	7.67	7.43	0.06	19.95	8.02	7.78	0.05
17.40	7.68	7.44	0.06	20.00	8.03	7.79	0.05
17.45	7.69	7.45	0.06	20.05	8.03	7.79	0.05
17.50	7.70	7.46	0.06	20.10	8.04	7.80	0.05
17.55	7.71	7.47	0.06	20.15	8.04	7.80	0.05
17.60	7.71	7.47	0.06	20.20	8.05	7.81	0.05
17.65	7.72	7.48	0.06	20.25	8.06	7.82	0.04
17.70	7.73	7.49	0.06	20.30	8.06	7.82	0.04
17.75	7.74	7.50	0.06	20.35	8.07	7.83	0.04
17.80	7.74	7.50	0.06	20.40	8.07	7.83	0.04
17.85	7.75	7.51	0.06	20.45	8.08	7.84	0.04
17.90	7.76	7.52	0.06	20.50	8.09	7.85	0.04
17.95	7.76	7.52	0.05	20.55	8.09	7.85	0.04
18.00	7.77	7.53	0.05	20.60	8.10	7.86	0.04
18.05	7.78	7.54	0.05	20.65	8.10	7.86	0.04
18.10	7.78	7.55	0.05	20.70	8.11	7.87	0.04
18.15	7.79	7.55	0.05	20.75	8.11	7.87	0.04

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.04	23.40	8.38	8.14	0.03
20.85	8.13	7.89	0.04	23.45	8.39	8.15	0.03
20.90	8.13	7.89	0.04	23.50	8.39	8.15	0.03
20.95	8.14	7.90	0.04	23.55	8.40	8.16	0.03
21.00	8.14	7.90	0.04	23.60	8.40	8.16	0.03
21.05	8.15	7.91	0.04	23.65	8.41	8.17	0.03
21.10	8.15	7.91	0.04	23.70	8.41	8.17	0.03
21.15	8.16	7.92	0.04	23.75	8.42	8.18	0.03
21.20	8.16	7.92	0.04	23.80	8.42	8.18	0.03
21.25	8.17	7.93	0.04	23.85	8.42	8.18	0.03
21.30	8.18	7.94	0.04	23.90	8.43	8.19	0.03
21.35	8.18	7.94	0.04	23.95	8.43	8.19	0.03
21.40	8.19	7.95	0.04	24.00	8.44	8.20	0.03
21.45	8.19	7.95	0.04	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.04	24.10	8.44	8.20	0.03
21.55	8.20	7.96	0.04	24.15	8.44	8.20	0.02
21.60	8.21	7.97	0.04	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.04	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.04	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.04	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.04	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.04	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.04	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.04	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.04	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.04	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.04	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.04	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.04	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.04	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.04	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.04	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.04	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.04	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.04	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.04	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.04	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.04	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.04	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.04	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.04	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.04	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.04	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.04	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.04	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.04	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.04	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.04	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.04	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.04	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.04	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.04	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 29P: PDA-29 (pervious)

Runoff = 4.09 cfs @ 12.17 hrs, Volume= 0.311 af, Depth= 5.32"
 Routed to Pond B-29 : Basin #29

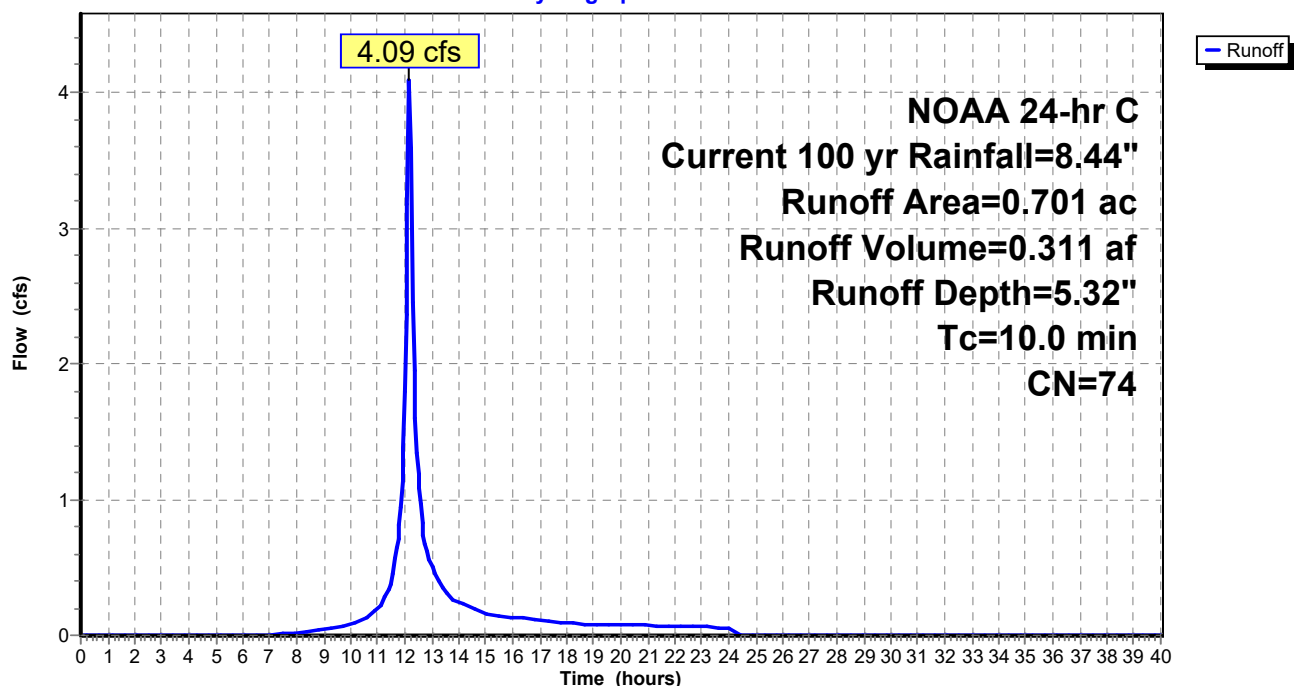
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



Hydrograph for Subcatchment 29P: PDA-29 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.02
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.02
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.02
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.02
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.02
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.02
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.02
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.02
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.02
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.03
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.03
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.03
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.03
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.03
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.03
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.03
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.03
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.03
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.03
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.04
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.04
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.04
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.04
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.04
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.04
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.04
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.04
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.05
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.05
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.05
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.05
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.05
6.90	0.81	0.00	0.00	9.50	1.37	0.11	0.06
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.06
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.06
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.06
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.07
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.07
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.07
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.07
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.08
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.08
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.08
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.08
7.50	0.91	0.01	0.01	10.10	1.58	0.17	0.09
7.55	0.92	0.01	0.01	10.15	1.60	0.18	0.09
7.60	0.93	0.01	0.01	10.20	1.62	0.19	0.09
7.65	0.94	0.02	0.01	10.25	1.64	0.20	0.10
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.10
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.10

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.11	13.00	6.41	3.54	0.51
10.45	1.72	0.23	0.11	13.05	6.45	3.57	0.49
10.50	1.74	0.24	0.11	13.10	6.48	3.59	0.46
10.55	1.76	0.25	0.12	13.15	6.51	3.62	0.43
10.60	1.79	0.26	0.12	13.20	6.54	3.65	0.41
10.65	1.81	0.27	0.13	13.25	6.57	3.67	0.40
10.70	1.84	0.28	0.14	13.30	6.60	3.70	0.38
10.75	1.87	0.29	0.15	13.35	6.63	3.72	0.36
10.80	1.90	0.30	0.16	13.40	6.65	3.74	0.35
10.85	1.93	0.32	0.17	13.45	6.68	3.76	0.33
10.90	1.96	0.33	0.18	13.50	6.70	3.78	0.32
10.95	1.99	0.35	0.19	13.55	6.72	3.80	0.31
11.00	2.03	0.36	0.20	13.60	6.74	3.82	0.29
11.05	2.06	0.38	0.21	13.65	6.76	3.84	0.28
11.10	2.10	0.40	0.22	13.70	6.78	3.85	0.27
11.15	2.14	0.42	0.24	13.75	6.80	3.87	0.26
11.20	2.19	0.44	0.26	13.80	6.82	3.89	0.25
11.25	2.23	0.46	0.28	13.85	6.84	3.91	0.25
11.30	2.28	0.49	0.30	13.90	6.86	3.92	0.25
11.35	2.33	0.52	0.32	13.95	6.88	3.94	0.24
11.40	2.38	0.54	0.34	14.00	6.90	3.96	0.24
11.45	2.44	0.57	0.36	14.05	6.92	3.97	0.23
11.50	2.49	0.60	0.39	14.10	6.94	3.99	0.23
11.55	2.58	0.65	0.41	14.15	6.95	4.00	0.23
11.60	2.66	0.70	0.48	14.20	6.97	4.02	0.22
11.65	2.75	0.76	0.57	14.25	6.99	4.03	0.22
11.70	2.84	0.81	0.65	14.30	7.01	4.05	0.22
11.75	2.97	0.89	0.71	14.35	7.02	4.06	0.21
11.80	3.09	0.97	0.81	14.40	7.04	4.08	0.21
11.85	3.26	1.08	0.95	14.45	7.05	4.09	0.20
11.90	3.43	1.19	1.13	14.50	7.07	4.10	0.20
11.95	3.73	1.40	1.39	14.55	7.09	4.12	0.20
12.00	4.02	1.61	1.79	14.60	7.10	4.13	0.19
12.05	4.52	1.98	2.36	14.65	7.11	4.14	0.19
12.10	5.01	2.37	3.18	14.70	7.13	4.15	0.19
12.15	5.18	2.51	4.00	14.75	7.14	4.17	0.18
12.20	5.35	2.65	3.98	14.80	7.16	4.18	0.18
12.25	5.47	2.75	3.21	14.85	7.17	4.19	0.17
12.30	5.60	2.85	2.45	14.90	7.18	4.20	0.17
12.35	5.69	2.92	1.95	14.95	7.19	4.21	0.17
12.40	5.78	3.00	1.60	15.00	7.21	4.22	0.16
12.45	5.86	3.07	1.34	15.05	7.22	4.23	0.16
12.50	5.95	3.14	1.18	15.10	7.23	4.24	0.15
12.55	6.00	3.19	1.08	15.15	7.24	4.25	0.15
12.60	6.06	3.23	0.96	15.20	7.25	4.26	0.15
12.65	6.11	3.28	0.83	15.25	7.27	4.27	0.15
12.70	6.16	3.32	0.73	15.30	7.28	4.28	0.15
12.75	6.21	3.36	0.67	15.35	7.29	4.29	0.14
12.80	6.25	3.40	0.63	15.40	7.30	4.30	0.14
12.85	6.30	3.44	0.60	15.45	7.31	4.31	0.14
12.90	6.34	3.47	0.57	15.50	7.32	4.32	0.14
12.95	6.38	3.50	0.54	15.55	7.33	4.33	0.14

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.14	18.20	7.80	4.75	0.09
15.65	7.36	4.35	0.14	18.25	7.80	4.75	0.09
15.70	7.37	4.36	0.14	18.30	7.81	4.76	0.09
15.75	7.38	4.37	0.14	18.35	7.82	4.76	0.08
15.80	7.39	4.38	0.13	18.40	7.82	4.77	0.08
15.85	7.40	4.39	0.13	18.45	7.83	4.78	0.08
15.90	7.41	4.40	0.13	18.50	7.84	4.78	0.08
15.95	7.42	4.41	0.13	18.55	7.84	4.79	0.08
16.00	7.43	4.42	0.13	18.60	7.85	4.79	0.08
16.05	7.44	4.43	0.13	18.65	7.86	4.80	0.08
16.10	7.45	4.44	0.13	18.70	7.86	4.80	0.08
16.15	7.46	4.44	0.13	18.75	7.87	4.81	0.08
16.20	7.47	4.45	0.13	18.80	7.88	4.82	0.08
16.25	7.48	4.46	0.13	18.85	7.88	4.82	0.08
16.30	7.49	4.47	0.12	18.90	7.89	4.83	0.08
16.35	7.50	4.48	0.12	18.95	7.90	4.83	0.08
16.40	7.51	4.49	0.12	19.00	7.90	4.84	0.08
16.45	7.52	4.50	0.12	19.05	7.91	4.84	0.08
16.50	7.53	4.50	0.12	19.10	7.92	4.85	0.08
16.55	7.54	4.51	0.12	19.15	7.92	4.86	0.08
16.60	7.55	4.52	0.12	19.20	7.93	4.86	0.08
16.65	7.55	4.53	0.12	19.25	7.93	4.87	0.08
16.70	7.56	4.54	0.12	19.30	7.94	4.87	0.08
16.75	7.57	4.55	0.12	19.35	7.95	4.88	0.08
16.80	7.58	4.55	0.11	19.40	7.95	4.88	0.08
16.85	7.59	4.56	0.11	19.45	7.96	4.89	0.08
16.90	7.60	4.57	0.11	19.50	7.97	4.90	0.08
16.95	7.61	4.58	0.11	19.55	7.97	4.90	0.08
17.00	7.62	4.58	0.11	19.60	7.98	4.91	0.08
17.05	7.63	4.59	0.11	19.65	7.98	4.91	0.08
17.10	7.63	4.60	0.11	19.70	7.99	4.92	0.08
17.15	7.64	4.61	0.11	19.75	8.00	4.92	0.08
17.20	7.65	4.61	0.11	19.80	8.00	4.93	0.08
17.25	7.66	4.62	0.11	19.85	8.01	4.93	0.08
17.30	7.67	4.63	0.10	19.90	8.01	4.94	0.08
17.35	7.67	4.64	0.10	19.95	8.02	4.94	0.08
17.40	7.68	4.64	0.10	20.00	8.03	4.95	0.08
17.45	7.69	4.65	0.10	20.05	8.03	4.96	0.08
17.50	7.70	4.66	0.10	20.10	8.04	4.96	0.08
17.55	7.71	4.66	0.10	20.15	8.04	4.97	0.08
17.60	7.71	4.67	0.10	20.20	8.05	4.97	0.08
17.65	7.72	4.68	0.10	20.25	8.06	4.98	0.08
17.70	7.73	4.68	0.10	20.30	8.06	4.98	0.07
17.75	7.74	4.69	0.09	20.35	8.07	4.99	0.07
17.80	7.74	4.70	0.09	20.40	8.07	4.99	0.07
17.85	7.75	4.70	0.09	20.45	8.08	5.00	0.07
17.90	7.76	4.71	0.09	20.50	8.09	5.00	0.07
17.95	7.76	4.72	0.09	20.55	8.09	5.01	0.07
18.00	7.77	4.72	0.09	20.60	8.10	5.01	0.07
18.05	7.78	4.73	0.09	20.65	8.10	5.02	0.07
18.10	7.78	4.73	0.09	20.70	8.11	5.02	0.07
18.15	7.79	4.74	0.09	20.75	8.11	5.03	0.07

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.07	23.40	8.38	5.27	0.06
20.85	8.13	5.04	0.07	23.45	8.39	5.28	0.06
20.90	8.13	5.04	0.07	23.50	8.39	5.28	0.06
20.95	8.14	5.05	0.07	23.55	8.40	5.28	0.06
21.00	8.14	5.05	0.07	23.60	8.40	5.29	0.06
21.05	8.15	5.06	0.07	23.65	8.41	5.29	0.06
21.10	8.15	5.06	0.07	23.70	8.41	5.30	0.06
21.15	8.16	5.07	0.07	23.75	8.42	5.30	0.06
21.20	8.16	5.07	0.07	23.80	8.42	5.30	0.06
21.25	8.17	5.08	0.07	23.85	8.42	5.31	0.06
21.30	8.18	5.08	0.07	23.90	8.43	5.31	0.06
21.35	8.18	5.09	0.07	23.95	8.43	5.32	0.06
21.40	8.19	5.09	0.07	24.00	8.44	5.32	0.06
21.45	8.19	5.10	0.07	24.05	8.44	5.32	0.06
21.50	8.20	5.10	0.07	24.10	8.44	5.32	0.05
21.55	8.20	5.11	0.07	24.15	8.44	5.32	0.03
21.60	8.21	5.11	0.07	24.20	8.44	5.32	0.01
21.65	8.21	5.12	0.07	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.07	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.07	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.07	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.07	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.07	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.07	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.07	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.07	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.07	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.07	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.07	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.06	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.06	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.06	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.06	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.06	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.06	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.06	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.06	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.06	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.06	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.06	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.06	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.06	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.06	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.06	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.06	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.06	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.06	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.06	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.06	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.06	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.06	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.06	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 4.96 cfs @ 12.17 hrs, Volume= 0.439 af, Depth= 8.20"
 Routed to Pond B-30 : Basin #30

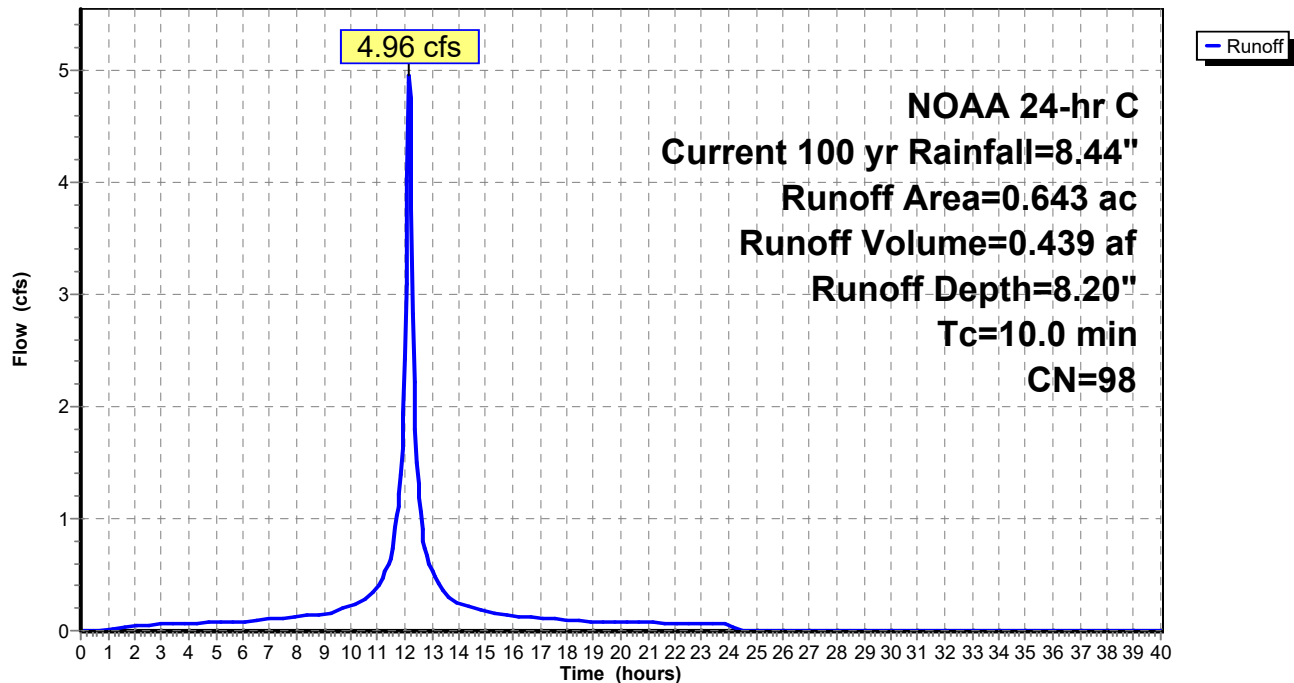
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.05
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.05
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.05
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.05
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.05
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.05
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.06
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.06
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.06
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.06
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.06
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.06
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.06
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.06
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.06
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.06
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.06
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.06
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.06
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.06
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.06
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.06
1.15	0.11	0.02	0.02	3.75	0.38	0.21	0.06
1.20	0.11	0.02	0.02	3.80	0.39	0.22	0.06
1.25	0.12	0.02	0.02	3.85	0.40	0.22	0.06
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.07
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.07
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.07
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.07
1.50	0.14	0.03	0.03	4.10	0.43	0.25	0.07
1.55	0.15	0.04	0.03	4.15	0.43	0.26	0.07
1.60	0.15	0.04	0.03	4.20	0.44	0.26	0.07
1.65	0.16	0.04	0.03	4.25	0.44	0.27	0.07
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.07
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.07
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.07
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.07
1.90	0.18	0.06	0.04	4.50	0.47	0.29	0.07
1.95	0.19	0.06	0.04	4.55	0.48	0.30	0.07
2.00	0.19	0.06	0.04	4.60	0.49	0.31	0.07
2.05	0.20	0.07	0.04	4.65	0.49	0.31	0.07
2.10	0.20	0.07	0.04	4.70	0.50	0.32	0.07
2.15	0.21	0.07	0.04	4.75	0.51	0.32	0.07
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.07
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.07
2.30	0.22	0.09	0.05	4.90	0.52	0.34	0.07
2.35	0.23	0.09	0.05	4.95	0.53	0.35	0.07
2.40	0.23	0.09	0.05	5.00	0.54	0.35	0.07
2.45	0.24	0.10	0.05	5.05	0.54	0.36	0.08
2.50	0.24	0.10	0.05	5.10	0.55	0.36	0.08
2.55	0.25	0.10	0.05	5.15	0.56	0.37	0.08

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.08	7.80	0.97	0.76	0.12
5.25	0.57	0.38	0.08	7.85	0.98	0.77	0.12
5.30	0.58	0.39	0.08	7.90	0.99	0.78	0.12
5.35	0.58	0.39	0.08	7.95	1.00	0.79	0.12
5.40	0.59	0.40	0.08	8.00	1.01	0.80	0.13
5.45	0.60	0.41	0.08	8.05	1.02	0.81	0.13
5.50	0.60	0.41	0.08	8.10	1.03	0.82	0.13
5.55	0.61	0.42	0.08	8.15	1.04	0.83	0.13
5.60	0.62	0.42	0.08	8.20	1.05	0.84	0.13
5.65	0.62	0.43	0.08	8.25	1.06	0.85	0.13
5.70	0.63	0.44	0.08	8.30	1.07	0.86	0.13
5.75	0.64	0.44	0.08	8.35	1.08	0.87	0.13
5.80	0.64	0.45	0.08	8.40	1.10	0.88	0.13
5.85	0.65	0.45	0.08	8.45	1.11	0.89	0.14
5.90	0.66	0.46	0.08	8.50	1.12	0.91	0.14
5.95	0.66	0.47	0.08	8.55	1.13	0.92	0.14
6.00	0.67	0.47	0.08	8.60	1.14	0.93	0.14
6.05	0.68	0.48	0.08	8.65	1.15	0.94	0.14
6.10	0.68	0.49	0.08	8.70	1.16	0.95	0.14
6.15	0.69	0.49	0.08	8.75	1.17	0.96	0.14
6.20	0.70	0.50	0.08	8.80	1.19	0.97	0.14
6.25	0.70	0.51	0.09	8.85	1.20	0.98	0.14
6.30	0.71	0.51	0.09	8.90	1.21	0.99	0.15
6.35	0.72	0.52	0.09	8.95	1.22	1.01	0.15
6.40	0.73	0.53	0.09	9.00	1.23	1.02	0.15
6.45	0.73	0.54	0.09	9.05	1.25	1.03	0.15
6.50	0.74	0.54	0.09	9.10	1.26	1.04	0.15
6.55	0.75	0.55	0.09	9.15	1.27	1.05	0.15
6.60	0.76	0.56	0.09	9.20	1.28	1.07	0.16
6.65	0.77	0.57	0.09	9.25	1.30	1.08	0.16
6.70	0.77	0.57	0.10	9.30	1.31	1.09	0.17
6.75	0.78	0.58	0.10	9.35	1.33	1.11	0.17
6.80	0.79	0.59	0.10	9.40	1.34	1.12	0.17
6.85	0.80	0.60	0.10	9.45	1.35	1.14	0.18
6.90	0.81	0.60	0.10	9.50	1.37	1.15	0.18
6.95	0.81	0.61	0.10	9.55	1.39	1.17	0.19
7.00	0.82	0.62	0.10	9.60	1.40	1.18	0.19
7.05	0.83	0.63	0.10	9.65	1.42	1.20	0.19
7.10	0.84	0.64	0.11	9.70	1.43	1.21	0.20
7.15	0.85	0.65	0.11	9.75	1.45	1.23	0.20
7.20	0.86	0.65	0.11	9.80	1.47	1.25	0.21
7.25	0.87	0.66	0.11	9.85	1.49	1.27	0.21
7.30	0.88	0.67	0.11	9.90	1.50	1.28	0.22
7.35	0.89	0.68	0.11	9.95	1.52	1.30	0.22
7.40	0.89	0.69	0.11	10.00	1.54	1.32	0.22
7.45	0.90	0.70	0.11	10.05	1.56	1.34	0.23
7.50	0.91	0.71	0.11	10.10	1.58	1.36	0.23
7.55	0.92	0.72	0.12	10.15	1.60	1.37	0.24
7.60	0.93	0.73	0.12	10.20	1.62	1.39	0.24
7.65	0.94	0.73	0.12	10.25	1.64	1.41	0.24
7.70	0.95	0.74	0.12	10.30	1.66	1.43	0.25
7.75	0.96	0.75	0.12	10.35	1.68	1.45	0.25

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.26	13.00	6.41	6.18	0.55
10.45	1.72	1.50	0.26	13.05	6.45	6.21	0.52
10.50	1.74	1.52	0.26	13.10	6.48	6.24	0.49
10.55	1.76	1.54	0.27	13.15	6.51	6.27	0.47
10.60	1.79	1.56	0.28	13.20	6.54	6.30	0.44
10.65	1.81	1.59	0.29	13.25	6.57	6.33	0.42
10.70	1.84	1.62	0.30	13.30	6.60	6.36	0.41
10.75	1.87	1.64	0.32	13.35	6.63	6.39	0.39
10.80	1.90	1.67	0.33	13.40	6.65	6.41	0.37
10.85	1.93	1.70	0.35	13.45	6.68	6.44	0.36
10.90	1.96	1.73	0.37	13.50	6.70	6.46	0.34
10.95	1.99	1.77	0.38	13.55	6.72	6.48	0.32
11.00	2.03	1.80	0.40	13.60	6.74	6.50	0.31
11.05	2.06	1.84	0.41	13.65	6.76	6.53	0.29
11.10	2.10	1.87	0.43	13.70	6.78	6.55	0.28
11.15	2.14	1.92	0.46	13.75	6.80	6.57	0.28
11.20	2.19	1.96	0.49	13.80	6.82	6.59	0.27
11.25	2.23	2.01	0.52	13.85	6.84	6.61	0.26
11.30	2.28	2.05	0.54	13.90	6.86	6.62	0.26
11.35	2.33	2.10	0.57	13.95	6.88	6.64	0.26
11.40	2.38	2.16	0.60	14.00	6.90	6.66	0.25
11.45	2.44	2.21	0.63	14.05	6.92	6.68	0.25
11.50	2.49	2.26	0.66	14.10	6.94	6.70	0.24
11.55	2.58	2.35	0.70	14.15	6.95	6.72	0.24
11.60	2.66	2.43	0.79	14.20	6.97	6.73	0.24
11.65	2.75	2.52	0.92	14.25	6.99	6.75	0.23
11.70	2.84	2.61	1.03	14.30	7.01	6.77	0.23
11.75	2.97	2.74	1.11	14.35	7.02	6.78	0.22
11.80	3.09	2.86	1.23	14.40	7.04	6.80	0.22
11.85	3.26	3.03	1.40	14.45	7.05	6.82	0.22
11.90	3.43	3.20	1.63	14.50	7.07	6.83	0.21
11.95	3.73	3.49	1.94	14.55	7.09	6.85	0.21
12.00	4.02	3.79	2.43	14.60	7.10	6.86	0.20
12.05	4.52	4.28	3.10	14.65	7.11	6.88	0.20
12.10	5.01	4.77	4.02	14.70	7.13	6.89	0.19
12.15	5.18	4.94	4.89	14.75	7.14	6.90	0.19
12.20	5.35	5.11	4.76	14.80	7.16	6.92	0.19
12.25	5.47	5.24	3.77	14.85	7.17	6.93	0.18
12.30	5.60	5.36	2.84	14.90	7.18	6.94	0.18
12.35	5.69	5.45	2.23	14.95	7.19	6.96	0.17
12.40	5.78	5.54	1.80	15.00	7.21	6.97	0.17
12.45	5.86	5.62	1.50	15.05	7.22	6.98	0.17
12.50	5.95	5.71	1.31	15.10	7.23	6.99	0.16
12.55	6.00	5.76	1.19	15.15	7.24	7.00	0.16
12.60	6.06	5.82	1.06	15.20	7.25	7.02	0.16
12.65	6.11	5.87	0.91	15.25	7.27	7.03	0.15
12.70	6.16	5.92	0.80	15.30	7.28	7.04	0.15
12.75	6.21	5.97	0.73	15.35	7.29	7.05	0.15
12.80	6.25	6.02	0.68	15.40	7.30	7.06	0.15
12.85	6.30	6.06	0.65	15.45	7.31	7.07	0.15
12.90	6.34	6.10	0.62	15.50	7.32	7.08	0.15
12.95	6.38	6.14	0.58	15.55	7.33	7.09	0.15

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.14	18.20	7.80	7.56	0.09
15.65	7.36	7.12	0.14	18.25	7.80	7.57	0.09
15.70	7.37	7.13	0.14	18.30	7.81	7.57	0.09
15.75	7.38	7.14	0.14	18.35	7.82	7.58	0.09
15.80	7.39	7.15	0.14	18.40	7.82	7.59	0.09
15.85	7.40	7.16	0.14	18.45	7.83	7.59	0.09
15.90	7.41	7.17	0.14	18.50	7.84	7.60	0.09
15.95	7.42	7.18	0.14	18.55	7.84	7.61	0.09
16.00	7.43	7.19	0.14	18.60	7.85	7.61	0.09
16.05	7.44	7.20	0.13	18.65	7.86	7.62	0.09
16.10	7.45	7.21	0.13	18.70	7.86	7.62	0.09
16.15	7.46	7.22	0.13	18.75	7.87	7.63	0.09
16.20	7.47	7.23	0.13	18.80	7.88	7.64	0.08
16.25	7.48	7.24	0.13	18.85	7.88	7.64	0.08
16.30	7.49	7.25	0.13	18.90	7.89	7.65	0.08
16.35	7.50	7.26	0.13	18.95	7.90	7.66	0.08
16.40	7.51	7.27	0.13	19.00	7.90	7.66	0.08
16.45	7.52	7.28	0.13	19.05	7.91	7.67	0.08
16.50	7.53	7.29	0.13	19.10	7.92	7.68	0.08
16.55	7.54	7.30	0.12	19.15	7.92	7.68	0.08
16.60	7.55	7.31	0.12	19.20	7.93	7.69	0.08
16.65	7.55	7.32	0.12	19.25	7.93	7.70	0.08
16.70	7.56	7.32	0.12	19.30	7.94	7.70	0.08
16.75	7.57	7.33	0.12	19.35	7.95	7.71	0.08
16.80	7.58	7.34	0.12	19.40	7.95	7.71	0.08
16.85	7.59	7.35	0.12	19.45	7.96	7.72	0.08
16.90	7.60	7.36	0.12	19.50	7.97	7.73	0.08
16.95	7.61	7.37	0.12	19.55	7.97	7.73	0.08
17.00	7.62	7.38	0.11	19.60	7.98	7.74	0.08
17.05	7.63	7.39	0.11	19.65	7.98	7.74	0.08
17.10	7.63	7.39	0.11	19.70	7.99	7.75	0.08
17.15	7.64	7.40	0.11	19.75	8.00	7.76	0.08
17.20	7.65	7.41	0.11	19.80	8.00	7.76	0.08
17.25	7.66	7.42	0.11	19.85	8.01	7.77	0.08
17.30	7.67	7.43	0.11	19.90	8.01	7.78	0.08
17.35	7.67	7.43	0.11	19.95	8.02	7.78	0.08
17.40	7.68	7.44	0.11	20.00	8.03	7.79	0.08
17.45	7.69	7.45	0.10	20.05	8.03	7.79	0.08
17.50	7.70	7.46	0.10	20.10	8.04	7.80	0.08
17.55	7.71	7.47	0.10	20.15	8.04	7.80	0.08
17.60	7.71	7.47	0.10	20.20	8.05	7.81	0.08
17.65	7.72	7.48	0.10	20.25	8.06	7.82	0.08
17.70	7.73	7.49	0.10	20.30	8.06	7.82	0.08
17.75	7.74	7.50	0.10	20.35	8.07	7.83	0.08
17.80	7.74	7.50	0.10	20.40	8.07	7.83	0.08
17.85	7.75	7.51	0.10	20.45	8.08	7.84	0.08
17.90	7.76	7.52	0.09	20.50	8.09	7.85	0.08
17.95	7.76	7.52	0.09	20.55	8.09	7.85	0.08
18.00	7.77	7.53	0.09	20.60	8.10	7.86	0.08
18.05	7.78	7.54	0.09	20.65	8.10	7.86	0.07
18.10	7.78	7.55	0.09	20.70	8.11	7.87	0.07
18.15	7.79	7.55	0.09	20.75	8.11	7.87	0.07

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.07	23.40	8.38	8.14	0.06
20.85	8.13	7.89	0.07	23.45	8.39	8.15	0.06
20.90	8.13	7.89	0.07	23.50	8.39	8.15	0.06
20.95	8.14	7.90	0.07	23.55	8.40	8.16	0.06
21.00	8.14	7.90	0.07	23.60	8.40	8.16	0.06
21.05	8.15	7.91	0.07	23.65	8.41	8.17	0.06
21.10	8.15	7.91	0.07	23.70	8.41	8.17	0.06
21.15	8.16	7.92	0.07	23.75	8.42	8.18	0.06
21.20	8.16	7.92	0.07	23.80	8.42	8.18	0.06
21.25	8.17	7.93	0.07	23.85	8.42	8.18	0.06
21.30	8.18	7.94	0.07	23.90	8.43	8.19	0.06
21.35	8.18	7.94	0.07	23.95	8.43	8.19	0.06
21.40	8.19	7.95	0.07	24.00	8.44	8.20	0.06
21.45	8.19	7.95	0.07	24.05	8.44	8.20	0.06
21.50	8.20	7.96	0.07	24.10	8.44	8.20	0.05
21.55	8.20	7.96	0.07	24.15	8.44	8.20	0.03
21.60	8.21	7.97	0.07	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.07	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.07	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.07	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.07	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.07	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.07	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.07	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.07	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.07	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.07	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.07	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.07	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.07	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.07	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.07	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.06	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.06	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.06	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.06	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.06	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.06	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.06	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.06	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.06	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.06	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.06	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.06	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.06	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.06	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.06	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.06	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.06	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.06	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.06	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 10.15 cfs @ 12.17 hrs, Volume= 0.771 af, Depth= 5.32"
 Routed to Pond B-30 : Basin #30

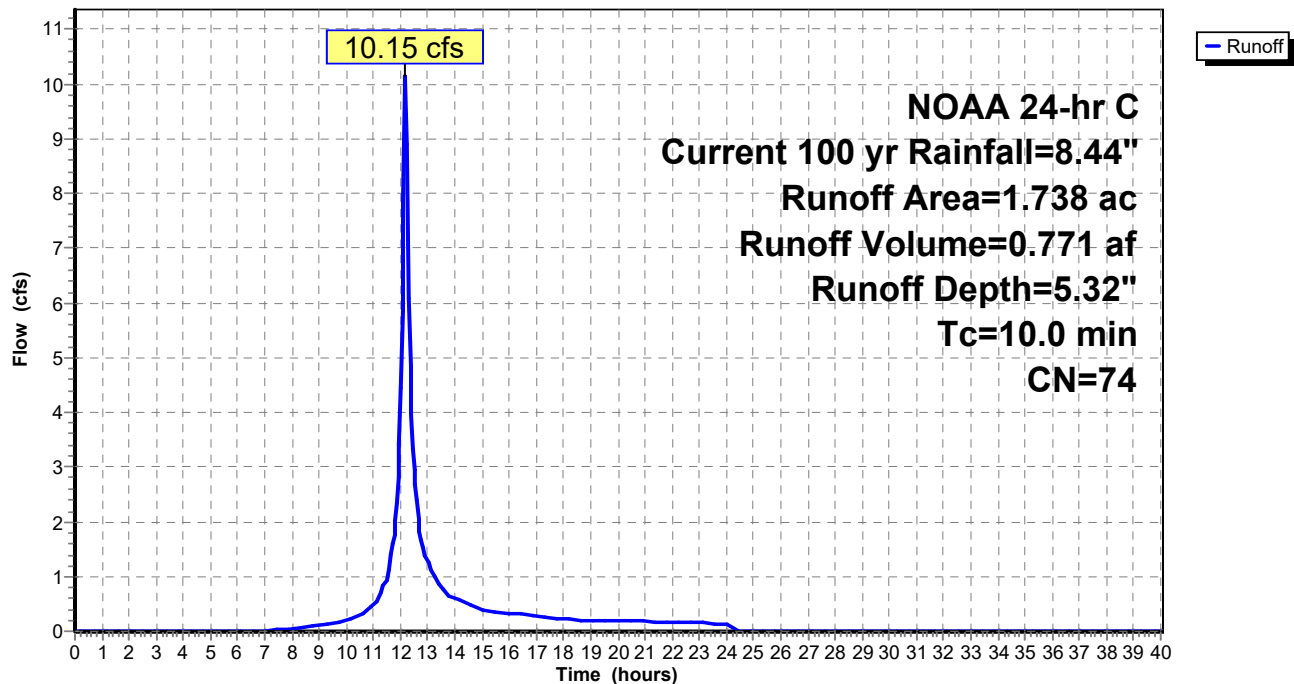
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.05
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.05
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.06
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.06
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.07
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.07
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.08
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.08
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.08
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.09
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.09
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.10
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.10
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.11
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.12
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.13
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.13
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.14
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.15
7.00	0.82	0.00	0.02	9.60	1.40	0.12	0.15
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.16
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.16
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.17
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.18
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.18
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.19
7.35	0.89	0.01	0.03	9.95	1.52	0.15	0.20
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.20
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.21
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.22
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.22
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.23
7.65	0.94	0.02	0.04	10.25	1.64	0.20	0.24
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.25
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.26

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.26	13.00	6.41	3.54	1.27
10.45	1.72	0.23	0.27	13.05	6.45	3.57	1.21
10.50	1.74	0.24	0.28	13.10	6.48	3.59	1.14
10.55	1.76	0.25	0.29	13.15	6.51	3.62	1.08
10.60	1.79	0.26	0.30	13.20	6.54	3.65	1.02
10.65	1.81	0.27	0.32	13.25	6.57	3.67	0.98
10.70	1.84	0.28	0.34	13.30	6.60	3.70	0.94
10.75	1.87	0.29	0.36	13.35	6.63	3.72	0.90
10.80	1.90	0.30	0.39	13.40	6.65	3.74	0.87
10.85	1.93	0.32	0.41	13.45	6.68	3.76	0.83
10.90	1.96	0.33	0.44	13.50	6.70	3.78	0.79
10.95	1.99	0.35	0.46	13.55	6.72	3.80	0.76
11.00	2.03	0.36	0.49	13.60	6.74	3.82	0.72
11.05	2.06	0.38	0.52	13.65	6.76	3.84	0.69
11.10	2.10	0.40	0.55	13.70	6.78	3.85	0.66
11.15	2.14	0.42	0.59	13.75	6.80	3.87	0.64
11.20	2.19	0.44	0.64	13.80	6.82	3.89	0.63
11.25	2.23	0.46	0.69	13.85	6.84	3.91	0.62
11.30	2.28	0.49	0.74	13.90	6.86	3.92	0.61
11.35	2.33	0.52	0.79	13.95	6.88	3.94	0.60
11.40	2.38	0.54	0.85	14.00	6.90	3.96	0.59
11.45	2.44	0.57	0.90	14.05	6.92	3.97	0.58
11.50	2.49	0.60	0.96	14.10	6.94	3.99	0.57
11.55	2.58	0.65	1.03	14.15	6.95	4.00	0.56
11.60	2.66	0.70	1.19	14.20	6.97	4.02	0.55
11.65	2.75	0.76	1.41	14.25	6.99	4.03	0.55
11.70	2.84	0.81	1.61	14.30	7.01	4.05	0.54
11.75	2.97	0.89	1.77	14.35	7.02	4.06	0.53
11.80	3.09	0.97	2.01	14.40	7.04	4.08	0.52
11.85	3.26	1.08	2.35	14.45	7.05	4.09	0.51
11.90	3.43	1.19	2.81	14.50	7.07	4.10	0.50
11.95	3.73	1.40	3.44	14.55	7.09	4.12	0.49
12.00	4.02	1.61	4.44	14.60	7.10	4.13	0.48
12.05	4.52	1.98	5.85	14.65	7.11	4.14	0.47
12.10	5.01	2.37	7.88	14.70	7.13	4.15	0.46
12.15	5.18	2.51	9.91	14.75	7.14	4.17	0.45
12.20	5.35	2.65	9.86	14.80	7.16	4.18	0.44
12.25	5.47	2.75	7.95	14.85	7.17	4.19	0.43
12.30	5.60	2.85	6.08	14.90	7.18	4.20	0.42
12.35	5.69	2.92	4.83	14.95	7.19	4.21	0.41
12.40	5.78	3.00	3.96	15.00	7.21	4.22	0.40
12.45	5.86	3.07	3.33	15.05	7.22	4.23	0.39
12.50	5.95	3.14	2.93	15.10	7.23	4.24	0.38
12.55	6.00	3.19	2.68	15.15	7.24	4.25	0.37
12.60	6.06	3.23	2.39	15.20	7.25	4.26	0.37
12.65	6.11	3.28	2.06	15.25	7.27	4.27	0.36
12.70	6.16	3.32	1.81	15.30	7.28	4.28	0.36
12.75	6.21	3.36	1.66	15.35	7.29	4.29	0.36
12.80	6.25	3.40	1.56	15.40	7.30	4.30	0.35
12.85	6.30	3.44	1.48	15.45	7.31	4.31	0.35
12.90	6.34	3.47	1.41	15.50	7.32	4.32	0.35
12.95	6.38	3.50	1.34	15.55	7.33	4.33	0.35

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.34	18.20	7.80	4.75	0.21
15.65	7.36	4.35	0.34	18.25	7.80	4.75	0.21
15.70	7.37	4.36	0.34	18.30	7.81	4.76	0.21
15.75	7.38	4.37	0.34	18.35	7.82	4.76	0.21
15.80	7.39	4.38	0.33	18.40	7.82	4.77	0.21
15.85	7.40	4.39	0.33	18.45	7.83	4.78	0.21
15.90	7.41	4.40	0.33	18.50	7.84	4.78	0.21
15.95	7.42	4.41	0.33	18.55	7.84	4.79	0.21
16.00	7.43	4.42	0.32	18.60	7.85	4.79	0.21
16.05	7.44	4.43	0.32	18.65	7.86	4.80	0.21
16.10	7.45	4.44	0.32	18.70	7.86	4.80	0.21
16.15	7.46	4.44	0.32	18.75	7.87	4.81	0.21
16.20	7.47	4.45	0.31	18.80	7.88	4.82	0.20
16.25	7.48	4.46	0.31	18.85	7.88	4.82	0.20
16.30	7.49	4.47	0.31	18.90	7.89	4.83	0.20
16.35	7.50	4.48	0.31	18.95	7.90	4.83	0.20
16.40	7.51	4.49	0.30	19.00	7.90	4.84	0.20
16.45	7.52	4.50	0.30	19.05	7.91	4.84	0.20
16.50	7.53	4.50	0.30	19.10	7.92	4.85	0.20
16.55	7.54	4.51	0.30	19.15	7.92	4.86	0.20
16.60	7.55	4.52	0.29	19.20	7.93	4.86	0.20
16.65	7.55	4.53	0.29	19.25	7.93	4.87	0.20
16.70	7.56	4.54	0.29	19.30	7.94	4.87	0.20
16.75	7.57	4.55	0.29	19.35	7.95	4.88	0.20
16.80	7.58	4.55	0.28	19.40	7.95	4.88	0.20
16.85	7.59	4.56	0.28	19.45	7.96	4.89	0.20
16.90	7.60	4.57	0.28	19.50	7.97	4.90	0.20
16.95	7.61	4.58	0.28	19.55	7.97	4.90	0.19
17.00	7.62	4.58	0.27	19.60	7.98	4.91	0.19
17.05	7.63	4.59	0.27	19.65	7.98	4.91	0.19
17.10	7.63	4.60	0.27	19.70	7.99	4.92	0.19
17.15	7.64	4.61	0.27	19.75	8.00	4.92	0.19
17.20	7.65	4.61	0.26	19.80	8.00	4.93	0.19
17.25	7.66	4.62	0.26	19.85	8.01	4.93	0.19
17.30	7.67	4.63	0.26	19.90	8.01	4.94	0.19
17.35	7.67	4.64	0.26	19.95	8.02	4.94	0.19
17.40	7.68	4.64	0.25	20.00	8.03	4.95	0.19
17.45	7.69	4.65	0.25	20.05	8.03	4.96	0.19
17.50	7.70	4.66	0.25	20.10	8.04	4.96	0.19
17.55	7.71	4.66	0.25	20.15	8.04	4.97	0.19
17.60	7.71	4.67	0.24	20.20	8.05	4.97	0.19
17.65	7.72	4.68	0.24	20.25	8.06	4.98	0.19
17.70	7.73	4.68	0.24	20.30	8.06	4.98	0.19
17.75	7.74	4.69	0.24	20.35	8.07	4.99	0.18
17.80	7.74	4.70	0.23	20.40	8.07	4.99	0.18
17.85	7.75	4.70	0.23	20.45	8.08	5.00	0.18
17.90	7.76	4.71	0.23	20.50	8.09	5.00	0.18
17.95	7.76	4.72	0.23	20.55	8.09	5.01	0.18
18.00	7.77	4.72	0.22	20.60	8.10	5.01	0.18
18.05	7.78	4.73	0.22	20.65	8.10	5.02	0.18
18.10	7.78	4.73	0.22	20.70	8.11	5.02	0.18
18.15	7.79	4.74	0.21	20.75	8.11	5.03	0.18

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.18	23.40	8.38	5.27	0.15
20.85	8.13	5.04	0.18	23.45	8.39	5.28	0.15
20.90	8.13	5.04	0.18	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.18	23.55	8.40	5.28	0.14
21.00	8.14	5.05	0.18	23.60	8.40	5.29	0.14
21.05	8.15	5.06	0.18	23.65	8.41	5.29	0.14
21.10	8.15	5.06	0.18	23.70	8.41	5.30	0.14
21.15	8.16	5.07	0.17	23.75	8.42	5.30	0.14
21.20	8.16	5.07	0.17	23.80	8.42	5.30	0.14
21.25	8.17	5.08	0.17	23.85	8.42	5.31	0.14
21.30	8.18	5.08	0.17	23.90	8.43	5.31	0.14
21.35	8.18	5.09	0.17	23.95	8.43	5.32	0.14
21.40	8.19	5.09	0.17	24.00	8.44	5.32	0.15
21.45	8.19	5.10	0.17	24.05	8.44	5.32	0.15
21.50	8.20	5.10	0.17	24.10	8.44	5.32	0.12
21.55	8.20	5.11	0.17	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.17	24.20	8.44	5.32	0.04
21.65	8.21	5.12	0.17	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.17	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.17	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.17	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.17	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.17	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.16	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.16	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.16	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.16	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.16	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.16	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.16	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.16	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.16	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.16	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.16	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.16	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.16	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.16	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.16	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.16	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.15	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.15	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.15	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.15	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.15	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.15	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.15	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.15	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.15	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.15	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.15	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.15	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.15	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 5.53 cfs @ 12.17 hrs, Volume= 0.490 af, Depth= 8.20"
 Routed to Pond B-31 : Basin #31

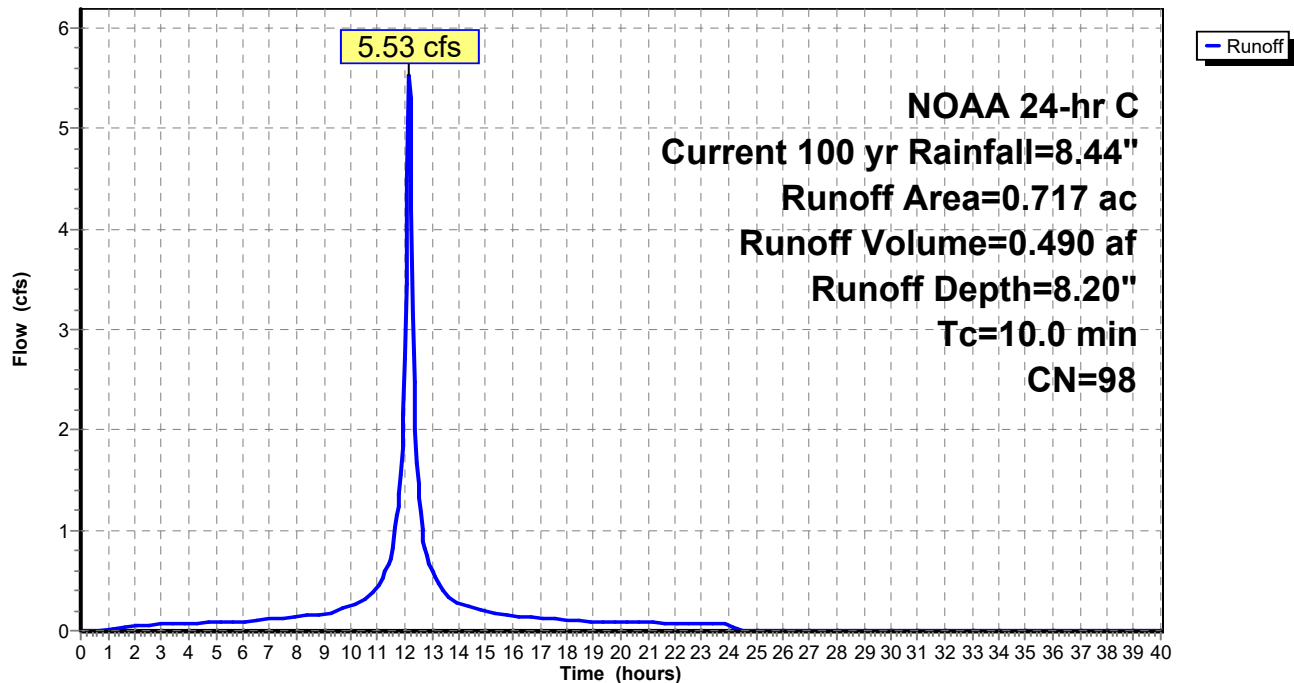
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.06
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.06
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.06
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.06
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.06
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.06
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.06
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.07
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.07
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.07
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.07
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.07
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.07
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.07
1.15	0.11	0.02	0.02	3.75	0.38	0.21	0.07
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.07
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.07
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.07
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.07
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.07
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.07
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.07
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.08
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.08
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.08
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.08
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.08
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.08
1.90	0.18	0.06	0.04	4.50	0.47	0.29	0.08
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.08
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.08
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.08
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.08
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.08
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.08
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.08
2.30	0.22	0.09	0.05	4.90	0.52	0.34	0.08
2.35	0.23	0.09	0.05	4.95	0.53	0.35	0.08
2.40	0.23	0.09	0.05	5.00	0.54	0.35	0.08
2.45	0.24	0.10	0.05	5.05	0.54	0.36	0.08
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.08
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.08

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.08	7.80	0.97	0.76	0.13
5.25	0.57	0.38	0.09	7.85	0.98	0.77	0.14
5.30	0.58	0.39	0.09	7.90	0.99	0.78	0.14
5.35	0.58	0.39	0.09	7.95	1.00	0.79	0.14
5.40	0.59	0.40	0.09	8.00	1.01	0.80	0.14
5.45	0.60	0.41	0.09	8.05	1.02	0.81	0.14
5.50	0.60	0.41	0.09	8.10	1.03	0.82	0.14
5.55	0.61	0.42	0.09	8.15	1.04	0.83	0.14
5.60	0.62	0.42	0.09	8.20	1.05	0.84	0.14
5.65	0.62	0.43	0.09	8.25	1.06	0.85	0.15
5.70	0.63	0.44	0.09	8.30	1.07	0.86	0.15
5.75	0.64	0.44	0.09	8.35	1.08	0.87	0.15
5.80	0.64	0.45	0.09	8.40	1.10	0.88	0.15
5.85	0.65	0.45	0.09	8.45	1.11	0.89	0.15
5.90	0.66	0.46	0.09	8.50	1.12	0.91	0.15
5.95	0.66	0.47	0.09	8.55	1.13	0.92	0.15
6.00	0.67	0.47	0.09	8.60	1.14	0.93	0.15
6.05	0.68	0.48	0.09	8.65	1.15	0.94	0.16
6.10	0.68	0.49	0.09	8.70	1.16	0.95	0.16
6.15	0.69	0.49	0.09	8.75	1.17	0.96	0.16
6.20	0.70	0.50	0.09	8.80	1.19	0.97	0.16
6.25	0.70	0.51	0.10	8.85	1.20	0.98	0.16
6.30	0.71	0.51	0.10	8.90	1.21	0.99	0.16
6.35	0.72	0.52	0.10	8.95	1.22	1.01	0.16
6.40	0.73	0.53	0.10	9.00	1.23	1.02	0.16
6.45	0.73	0.54	0.10	9.05	1.25	1.03	0.17
6.50	0.74	0.54	0.10	9.10	1.26	1.04	0.17
6.55	0.75	0.55	0.10	9.15	1.27	1.05	0.17
6.60	0.76	0.56	0.10	9.20	1.28	1.07	0.18
6.65	0.77	0.57	0.11	9.25	1.30	1.08	0.18
6.70	0.77	0.57	0.11	9.30	1.31	1.09	0.19
6.75	0.78	0.58	0.11	9.35	1.33	1.11	0.19
6.80	0.79	0.59	0.11	9.40	1.34	1.12	0.19
6.85	0.80	0.60	0.11	9.45	1.35	1.14	0.20
6.90	0.81	0.60	0.11	9.50	1.37	1.15	0.20
6.95	0.81	0.61	0.11	9.55	1.39	1.17	0.21
7.00	0.82	0.62	0.11	9.60	1.40	1.18	0.21
7.05	0.83	0.63	0.12	9.65	1.42	1.20	0.22
7.10	0.84	0.64	0.12	9.70	1.43	1.21	0.22
7.15	0.85	0.65	0.12	9.75	1.45	1.23	0.23
7.20	0.86	0.65	0.12	9.80	1.47	1.25	0.23
7.25	0.87	0.66	0.12	9.85	1.49	1.27	0.24
7.30	0.88	0.67	0.12	9.90	1.50	1.28	0.24
7.35	0.89	0.68	0.12	9.95	1.52	1.30	0.24
7.40	0.89	0.69	0.12	10.00	1.54	1.32	0.25
7.45	0.90	0.70	0.13	10.05	1.56	1.34	0.25
7.50	0.91	0.71	0.13	10.10	1.58	1.36	0.26
7.55	0.92	0.72	0.13	10.15	1.60	1.37	0.26
7.60	0.93	0.73	0.13	10.20	1.62	1.39	0.27
7.65	0.94	0.73	0.13	10.25	1.64	1.41	0.27
7.70	0.95	0.74	0.13	10.30	1.66	1.43	0.28
7.75	0.96	0.75	0.13	10.35	1.68	1.45	0.28

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.29	13.00	6.41	6.18	0.62
10.45	1.72	1.50	0.29	13.05	6.45	6.21	0.58
10.50	1.74	1.52	0.30	13.10	6.48	6.24	0.55
10.55	1.76	1.54	0.30	13.15	6.51	6.27	0.52
10.60	1.79	1.56	0.31	13.20	6.54	6.30	0.49
10.65	1.81	1.59	0.32	13.25	6.57	6.33	0.47
10.70	1.84	1.62	0.34	13.30	6.60	6.36	0.45
10.75	1.87	1.64	0.36	13.35	6.63	6.39	0.43
10.80	1.90	1.67	0.37	13.40	6.65	6.41	0.41
10.85	1.93	1.70	0.39	13.45	6.68	6.44	0.40
10.90	1.96	1.73	0.41	13.50	6.70	6.46	0.38
10.95	1.99	1.77	0.43	13.55	6.72	6.48	0.36
11.00	2.03	1.80	0.44	13.60	6.74	6.50	0.34
11.05	2.06	1.84	0.46	13.65	6.76	6.53	0.33
11.10	2.10	1.87	0.48	13.70	6.78	6.55	0.32
11.15	2.14	1.92	0.51	13.75	6.80	6.57	0.31
11.20	2.19	1.96	0.54	13.80	6.82	6.59	0.30
11.25	2.23	2.01	0.58	13.85	6.84	6.61	0.30
11.30	2.28	2.05	0.61	13.90	6.86	6.62	0.29
11.35	2.33	2.10	0.64	13.95	6.88	6.64	0.29
11.40	2.38	2.16	0.67	14.00	6.90	6.66	0.28
11.45	2.44	2.21	0.70	14.05	6.92	6.68	0.28
11.50	2.49	2.26	0.73	14.10	6.94	6.70	0.27
11.55	2.58	2.35	0.78	14.15	6.95	6.72	0.27
11.60	2.66	2.43	0.88	14.20	6.97	6.73	0.26
11.65	2.75	2.52	1.03	14.25	6.99	6.75	0.26
11.70	2.84	2.61	1.14	14.30	7.01	6.77	0.25
11.75	2.97	2.74	1.23	14.35	7.02	6.78	0.25
11.80	3.09	2.86	1.37	14.40	7.04	6.80	0.24
11.85	3.26	3.03	1.56	14.45	7.05	6.82	0.24
11.90	3.43	3.20	1.82	14.50	7.07	6.83	0.24
11.95	3.73	3.49	2.16	14.55	7.09	6.85	0.23
12.00	4.02	3.79	2.71	14.60	7.10	6.86	0.23
12.05	4.52	4.28	3.45	14.65	7.11	6.88	0.22
12.10	5.01	4.77	4.48	14.70	7.13	6.89	0.22
12.15	5.18	4.94	5.46	14.75	7.14	6.90	0.21
12.20	5.35	5.11	5.30	14.80	7.16	6.92	0.21
12.25	5.47	5.24	4.20	14.85	7.17	6.93	0.20
12.30	5.60	5.36	3.16	14.90	7.18	6.94	0.20
12.35	5.69	5.45	2.48	14.95	7.19	6.96	0.19
12.40	5.78	5.54	2.01	15.00	7.21	6.97	0.19
12.45	5.86	5.62	1.68	15.05	7.22	6.98	0.18
12.50	5.95	5.71	1.47	15.10	7.23	6.99	0.18
12.55	6.00	5.76	1.33	15.15	7.24	7.00	0.18
12.60	6.06	5.82	1.18	15.20	7.25	7.02	0.17
12.65	6.11	5.87	1.01	15.25	7.27	7.03	0.17
12.70	6.16	5.92	0.89	15.30	7.28	7.04	0.17
12.75	6.21	5.97	0.81	15.35	7.29	7.05	0.17
12.80	6.25	6.02	0.76	15.40	7.30	7.06	0.17
12.85	6.30	6.06	0.72	15.45	7.31	7.07	0.17
12.90	6.34	6.10	0.69	15.50	7.32	7.08	0.16
12.95	6.38	6.14	0.65	15.55	7.33	7.09	0.16

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.16	18.20	7.80	7.56	0.10
15.65	7.36	7.12	0.16	18.25	7.80	7.57	0.10
15.70	7.37	7.13	0.16	18.30	7.81	7.57	0.10
15.75	7.38	7.14	0.16	18.35	7.82	7.58	0.10
15.80	7.39	7.15	0.16	18.40	7.82	7.59	0.10
15.85	7.40	7.16	0.16	18.45	7.83	7.59	0.10
15.90	7.41	7.17	0.15	18.50	7.84	7.60	0.10
15.95	7.42	7.18	0.15	18.55	7.84	7.61	0.10
16.00	7.43	7.19	0.15	18.60	7.85	7.61	0.10
16.05	7.44	7.20	0.15	18.65	7.86	7.62	0.10
16.10	7.45	7.21	0.15	18.70	7.86	7.62	0.10
16.15	7.46	7.22	0.15	18.75	7.87	7.63	0.09
16.20	7.47	7.23	0.15	18.80	7.88	7.64	0.09
16.25	7.48	7.24	0.15	18.85	7.88	7.64	0.09
16.30	7.49	7.25	0.14	18.90	7.89	7.65	0.09
16.35	7.50	7.26	0.14	18.95	7.90	7.66	0.09
16.40	7.51	7.27	0.14	19.00	7.90	7.66	0.09
16.45	7.52	7.28	0.14	19.05	7.91	7.67	0.09
16.50	7.53	7.29	0.14	19.10	7.92	7.68	0.09
16.55	7.54	7.30	0.14	19.15	7.92	7.68	0.09
16.60	7.55	7.31	0.14	19.20	7.93	7.69	0.09
16.65	7.55	7.32	0.14	19.25	7.93	7.70	0.09
16.70	7.56	7.32	0.13	19.30	7.94	7.70	0.09
16.75	7.57	7.33	0.13	19.35	7.95	7.71	0.09
16.80	7.58	7.34	0.13	19.40	7.95	7.71	0.09
16.85	7.59	7.35	0.13	19.45	7.96	7.72	0.09
16.90	7.60	7.36	0.13	19.50	7.97	7.73	0.09
16.95	7.61	7.37	0.13	19.55	7.97	7.73	0.09
17.00	7.62	7.38	0.13	19.60	7.98	7.74	0.09
17.05	7.63	7.39	0.13	19.65	7.98	7.74	0.09
17.10	7.63	7.39	0.13	19.70	7.99	7.75	0.09
17.15	7.64	7.40	0.12	19.75	8.00	7.76	0.09
17.20	7.65	7.41	0.12	19.80	8.00	7.76	0.09
17.25	7.66	7.42	0.12	19.85	8.01	7.77	0.09
17.30	7.67	7.43	0.12	19.90	8.01	7.78	0.09
17.35	7.67	7.43	0.12	19.95	8.02	7.78	0.09
17.40	7.68	7.44	0.12	20.00	8.03	7.79	0.09
17.45	7.69	7.45	0.12	20.05	8.03	7.79	0.09
17.50	7.70	7.46	0.12	20.10	8.04	7.80	0.09
17.55	7.71	7.47	0.11	20.15	8.04	7.80	0.09
17.60	7.71	7.47	0.11	20.20	8.05	7.81	0.09
17.65	7.72	7.48	0.11	20.25	8.06	7.82	0.09
17.70	7.73	7.49	0.11	20.30	8.06	7.82	0.09
17.75	7.74	7.50	0.11	20.35	8.07	7.83	0.09
17.80	7.74	7.50	0.11	20.40	8.07	7.83	0.08
17.85	7.75	7.51	0.11	20.45	8.08	7.84	0.08
17.90	7.76	7.52	0.11	20.50	8.09	7.85	0.08
17.95	7.76	7.52	0.10	20.55	8.09	7.85	0.08
18.00	7.77	7.53	0.10	20.60	8.10	7.86	0.08
18.05	7.78	7.54	0.10	20.65	8.10	7.86	0.08
18.10	7.78	7.55	0.10	20.70	8.11	7.87	0.08
18.15	7.79	7.55	0.10	20.75	8.11	7.87	0.08

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.08	23.40	8.38	8.14	0.07
20.85	8.13	7.89	0.08	23.45	8.39	8.15	0.07
20.90	8.13	7.89	0.08	23.50	8.39	8.15	0.07
20.95	8.14	7.90	0.08	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.08	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.08	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.08	23.70	8.41	8.17	0.06
21.15	8.16	7.92	0.08	23.75	8.42	8.18	0.06
21.20	8.16	7.92	0.08	23.80	8.42	8.18	0.06
21.25	8.17	7.93	0.08	23.85	8.42	8.18	0.06
21.30	8.18	7.94	0.08	23.90	8.43	8.19	0.06
21.35	8.18	7.94	0.08	23.95	8.43	8.19	0.06
21.40	8.19	7.95	0.08	24.00	8.44	8.20	0.07
21.45	8.19	7.95	0.08	24.05	8.44	8.20	0.07
21.50	8.20	7.96	0.08	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.08	24.15	8.44	8.20	0.03
21.60	8.21	7.97	0.08	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.08	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.08	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.08	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.08	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.08	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.08	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.08	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.08	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.07	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.07	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.07	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.07	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.07	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.07	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.07	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.07	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.07	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.07	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.07	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.07	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.07	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.07	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.07	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.07	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.07	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.07	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.07	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.07	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.07	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.07	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.07	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.07	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.07	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 1.20 cfs @ 12.17 hrs, Volume= 0.091 af, Depth= 5.32"
 Routed to Pond B-31 : Basin #31

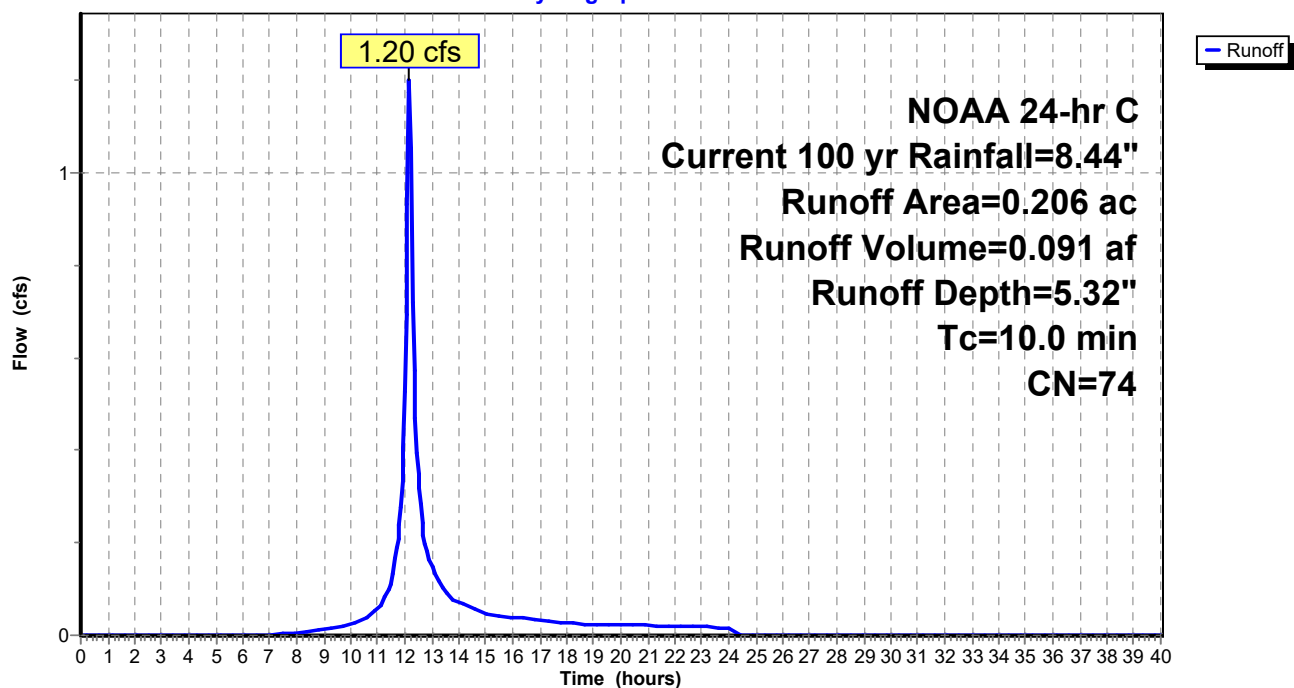
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.00
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.01
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.01
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.01
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.01
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.01
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.01
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.01
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.01
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.01
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.01
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.01
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.01
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.01
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.01
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.01
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.01
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.01
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.01
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.01
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.01
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.01
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.01
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.01
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.01
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.01
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.01
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.01
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.01
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.01
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.01
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.01
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.02
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.02
6.90	0.81	0.00	0.00	9.50	1.37	0.11	0.02
6.95	0.81	0.00	0.00	9.55	1.39	0.11	0.02
7.00	0.82	0.00	0.00	9.60	1.40	0.12	0.02
7.05	0.83	0.00	0.00	9.65	1.42	0.12	0.02
7.10	0.84	0.01	0.00	9.70	1.43	0.13	0.02
7.15	0.85	0.01	0.00	9.75	1.45	0.13	0.02
7.20	0.86	0.01	0.00	9.80	1.47	0.14	0.02
7.25	0.87	0.01	0.00	9.85	1.49	0.14	0.02
7.30	0.88	0.01	0.00	9.90	1.50	0.15	0.02
7.35	0.89	0.01	0.00	9.95	1.52	0.15	0.02
7.40	0.89	0.01	0.00	10.00	1.54	0.16	0.02
7.45	0.90	0.01	0.00	10.05	1.56	0.17	0.02
7.50	0.91	0.01	0.00	10.10	1.58	0.17	0.03
7.55	0.92	0.01	0.00	10.15	1.60	0.18	0.03
7.60	0.93	0.01	0.00	10.20	1.62	0.19	0.03
7.65	0.94	0.02	0.00	10.25	1.64	0.20	0.03
7.70	0.95	0.02	0.00	10.30	1.66	0.20	0.03
7.75	0.96	0.02	0.00	10.35	1.68	0.21	0.03

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.03	13.00	6.41	3.54	0.15
10.45	1.72	0.23	0.03	13.05	6.45	3.57	0.14
10.50	1.74	0.24	0.03	13.10	6.48	3.59	0.14
10.55	1.76	0.25	0.03	13.15	6.51	3.62	0.13
10.60	1.79	0.26	0.04	13.20	6.54	3.65	0.12
10.65	1.81	0.27	0.04	13.25	6.57	3.67	0.12
10.70	1.84	0.28	0.04	13.30	6.60	3.70	0.11
10.75	1.87	0.29	0.04	13.35	6.63	3.72	0.11
10.80	1.90	0.30	0.05	13.40	6.65	3.74	0.10
10.85	1.93	0.32	0.05	13.45	6.68	3.76	0.10
10.90	1.96	0.33	0.05	13.50	6.70	3.78	0.09
10.95	1.99	0.35	0.05	13.55	6.72	3.80	0.09
11.00	2.03	0.36	0.06	13.60	6.74	3.82	0.09
11.05	2.06	0.38	0.06	13.65	6.76	3.84	0.08
11.10	2.10	0.40	0.07	13.70	6.78	3.85	0.08
11.15	2.14	0.42	0.07	13.75	6.80	3.87	0.08
11.20	2.19	0.44	0.08	13.80	6.82	3.89	0.07
11.25	2.23	0.46	0.08	13.85	6.84	3.91	0.07
11.30	2.28	0.49	0.09	13.90	6.86	3.92	0.07
11.35	2.33	0.52	0.09	13.95	6.88	3.94	0.07
11.40	2.38	0.54	0.10	14.00	6.90	3.96	0.07
11.45	2.44	0.57	0.11	14.05	6.92	3.97	0.07
11.50	2.49	0.60	0.11	14.10	6.94	3.99	0.07
11.55	2.58	0.65	0.12	14.15	6.95	4.00	0.07
11.60	2.66	0.70	0.14	14.20	6.97	4.02	0.07
11.65	2.75	0.76	0.17	14.25	6.99	4.03	0.06
11.70	2.84	0.81	0.19	14.30	7.01	4.05	0.06
11.75	2.97	0.89	0.21	14.35	7.02	4.06	0.06
11.80	3.09	0.97	0.24	14.40	7.04	4.08	0.06
11.85	3.26	1.08	0.28	14.45	7.05	4.09	0.06
11.90	3.43	1.19	0.33	14.50	7.07	4.10	0.06
11.95	3.73	1.40	0.41	14.55	7.09	4.12	0.06
12.00	4.02	1.61	0.53	14.60	7.10	4.13	0.06
12.05	4.52	1.98	0.69	14.65	7.11	4.14	0.06
12.10	5.01	2.37	0.93	14.70	7.13	4.15	0.05
12.15	5.18	2.51	1.17	14.75	7.14	4.17	0.05
12.20	5.35	2.65	1.17	14.80	7.16	4.18	0.05
12.25	5.47	2.75	0.94	14.85	7.17	4.19	0.05
12.30	5.60	2.85	0.72	14.90	7.18	4.20	0.05
12.35	5.69	2.92	0.57	14.95	7.19	4.21	0.05
12.40	5.78	3.00	0.47	15.00	7.21	4.22	0.05
12.45	5.86	3.07	0.39	15.05	7.22	4.23	0.05
12.50	5.95	3.14	0.35	15.10	7.23	4.24	0.05
12.55	6.00	3.19	0.32	15.15	7.24	4.25	0.04
12.60	6.06	3.23	0.28	15.20	7.25	4.26	0.04
12.65	6.11	3.28	0.24	15.25	7.27	4.27	0.04
12.70	6.16	3.32	0.21	15.30	7.28	4.28	0.04
12.75	6.21	3.36	0.20	15.35	7.29	4.29	0.04
12.80	6.25	3.40	0.19	15.40	7.30	4.30	0.04
12.85	6.30	3.44	0.18	15.45	7.31	4.31	0.04
12.90	6.34	3.47	0.17	15.50	7.32	4.32	0.04
12.95	6.38	3.50	0.16	15.55	7.33	4.33	0.04

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.04	18.20	7.80	4.75	0.03
15.65	7.36	4.35	0.04	18.25	7.80	4.75	0.03
15.70	7.37	4.36	0.04	18.30	7.81	4.76	0.03
15.75	7.38	4.37	0.04	18.35	7.82	4.76	0.02
15.80	7.39	4.38	0.04	18.40	7.82	4.77	0.02
15.85	7.40	4.39	0.04	18.45	7.83	4.78	0.02
15.90	7.41	4.40	0.04	18.50	7.84	4.78	0.02
15.95	7.42	4.41	0.04	18.55	7.84	4.79	0.02
16.00	7.43	4.42	0.04	18.60	7.85	4.79	0.02
16.05	7.44	4.43	0.04	18.65	7.86	4.80	0.02
16.10	7.45	4.44	0.04	18.70	7.86	4.80	0.02
16.15	7.46	4.44	0.04	18.75	7.87	4.81	0.02
16.20	7.47	4.45	0.04	18.80	7.88	4.82	0.02
16.25	7.48	4.46	0.04	18.85	7.88	4.82	0.02
16.30	7.49	4.47	0.04	18.90	7.89	4.83	0.02
16.35	7.50	4.48	0.04	18.95	7.90	4.83	0.02
16.40	7.51	4.49	0.04	19.00	7.90	4.84	0.02
16.45	7.52	4.50	0.04	19.05	7.91	4.84	0.02
16.50	7.53	4.50	0.04	19.10	7.92	4.85	0.02
16.55	7.54	4.51	0.04	19.15	7.92	4.86	0.02
16.60	7.55	4.52	0.03	19.20	7.93	4.86	0.02
16.65	7.55	4.53	0.03	19.25	7.93	4.87	0.02
16.70	7.56	4.54	0.03	19.30	7.94	4.87	0.02
16.75	7.57	4.55	0.03	19.35	7.95	4.88	0.02
16.80	7.58	4.55	0.03	19.40	7.95	4.88	0.02
16.85	7.59	4.56	0.03	19.45	7.96	4.89	0.02
16.90	7.60	4.57	0.03	19.50	7.97	4.90	0.02
16.95	7.61	4.58	0.03	19.55	7.97	4.90	0.02
17.00	7.62	4.58	0.03	19.60	7.98	4.91	0.02
17.05	7.63	4.59	0.03	19.65	7.98	4.91	0.02
17.10	7.63	4.60	0.03	19.70	7.99	4.92	0.02
17.15	7.64	4.61	0.03	19.75	8.00	4.92	0.02
17.20	7.65	4.61	0.03	19.80	8.00	4.93	0.02
17.25	7.66	4.62	0.03	19.85	8.01	4.93	0.02
17.30	7.67	4.63	0.03	19.90	8.01	4.94	0.02
17.35	7.67	4.64	0.03	19.95	8.02	4.94	0.02
17.40	7.68	4.64	0.03	20.00	8.03	4.95	0.02
17.45	7.69	4.65	0.03	20.05	8.03	4.96	0.02
17.50	7.70	4.66	0.03	20.10	8.04	4.96	0.02
17.55	7.71	4.66	0.03	20.15	8.04	4.97	0.02
17.60	7.71	4.67	0.03	20.20	8.05	4.97	0.02
17.65	7.72	4.68	0.03	20.25	8.06	4.98	0.02
17.70	7.73	4.68	0.03	20.30	8.06	4.98	0.02
17.75	7.74	4.69	0.03	20.35	8.07	4.99	0.02
17.80	7.74	4.70	0.03	20.40	8.07	4.99	0.02
17.85	7.75	4.70	0.03	20.45	8.08	5.00	0.02
17.90	7.76	4.71	0.03	20.50	8.09	5.00	0.02
17.95	7.76	4.72	0.03	20.55	8.09	5.01	0.02
18.00	7.77	4.72	0.03	20.60	8.10	5.01	0.02
18.05	7.78	4.73	0.03	20.65	8.10	5.02	0.02
18.10	7.78	4.73	0.03	20.70	8.11	5.02	0.02
18.15	7.79	4.74	0.03	20.75	8.11	5.03	0.02

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.02	23.40	8.38	5.27	0.02
20.85	8.13	5.04	0.02	23.45	8.39	5.28	0.02
20.90	8.13	5.04	0.02	23.50	8.39	5.28	0.02
20.95	8.14	5.05	0.02	23.55	8.40	5.28	0.02
21.00	8.14	5.05	0.02	23.60	8.40	5.29	0.02
21.05	8.15	5.06	0.02	23.65	8.41	5.29	0.02
21.10	8.15	5.06	0.02	23.70	8.41	5.30	0.02
21.15	8.16	5.07	0.02	23.75	8.42	5.30	0.02
21.20	8.16	5.07	0.02	23.80	8.42	5.30	0.02
21.25	8.17	5.08	0.02	23.85	8.42	5.31	0.02
21.30	8.18	5.08	0.02	23.90	8.43	5.31	0.02
21.35	8.18	5.09	0.02	23.95	8.43	5.32	0.02
21.40	8.19	5.09	0.02	24.00	8.44	5.32	0.02
21.45	8.19	5.10	0.02	24.05	8.44	5.32	0.02
21.50	8.20	5.10	0.02	24.10	8.44	5.32	0.01
21.55	8.20	5.11	0.02	24.15	8.44	5.32	0.01
21.60	8.21	5.11	0.02	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.02	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.02	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.02	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.02	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.02	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.02	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.02	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.02	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.02	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.02	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.02	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.02	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.02	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.02	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.02	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.02	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.02	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.02	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.02	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.02	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.02	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.02	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.02	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.02	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.02	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.02	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.02	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.02	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.02	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.02	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.02	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.02	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.02	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.02	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.02	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 2.98 cfs @ 12.17 hrs, Volume= 0.264 af, Depth= 8.20"
 Routed to Pond B-32 : Basin #32

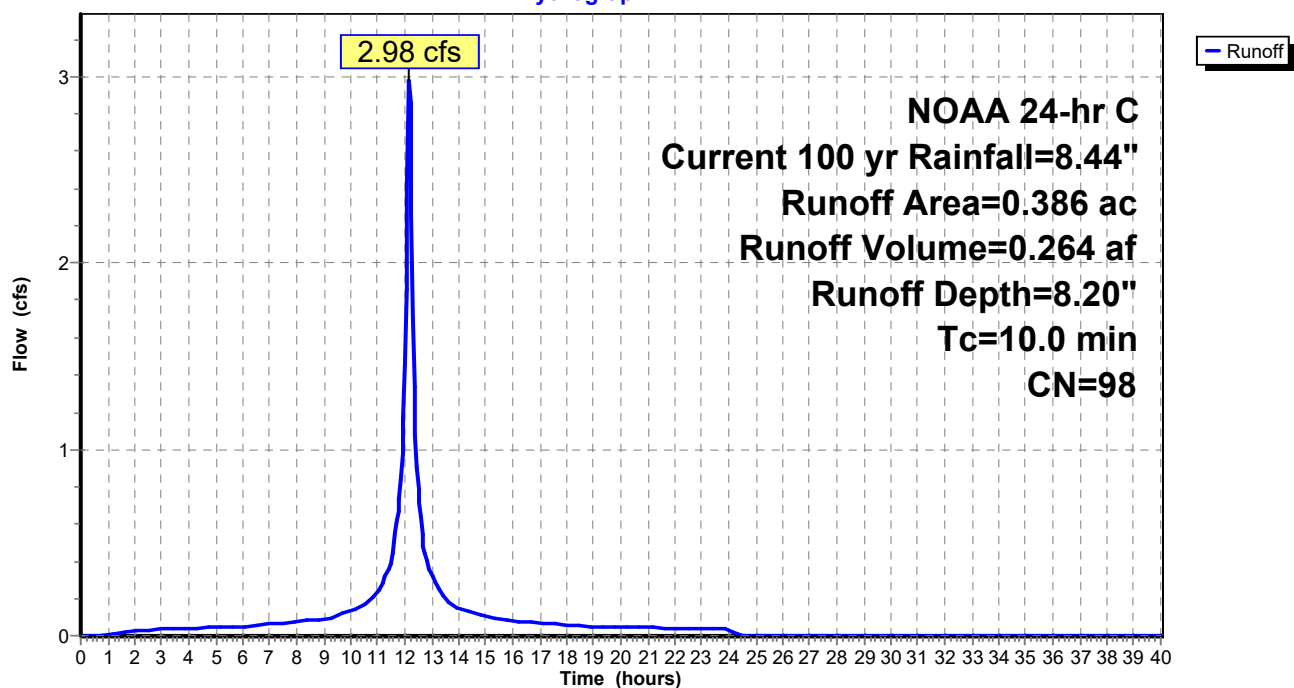
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.03
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.03
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.03
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.03
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.03
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.03
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.03
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.03
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.03
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.03
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.03
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.03
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.04
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.04
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.04
0.75	0.07	0.00	0.00	3.35	0.34	0.18	0.04
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.04
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.04
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.04
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.04
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.04
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.04
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.04
1.15	0.11	0.02	0.01	3.75	0.38	0.21	0.04
1.20	0.11	0.02	0.01	3.80	0.39	0.22	0.04
1.25	0.12	0.02	0.01	3.85	0.40	0.22	0.04
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.04
1.35	0.13	0.02	0.02	3.95	0.41	0.24	0.04
1.40	0.13	0.03	0.02	4.00	0.41	0.24	0.04
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.04
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.04
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.04
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.04
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.04
1.70	0.16	0.04	0.02	4.30	0.45	0.27	0.04
1.75	0.17	0.05	0.02	4.35	0.46	0.28	0.04
1.80	0.17	0.05	0.02	4.40	0.46	0.28	0.04
1.85	0.18	0.05	0.02	4.45	0.47	0.29	0.04
1.90	0.18	0.06	0.02	4.50	0.47	0.29	0.04
1.95	0.19	0.06	0.02	4.55	0.48	0.30	0.04
2.00	0.19	0.06	0.03	4.60	0.49	0.31	0.04
2.05	0.20	0.07	0.03	4.65	0.49	0.31	0.04
2.10	0.20	0.07	0.03	4.70	0.50	0.32	0.04
2.15	0.21	0.07	0.03	4.75	0.51	0.32	0.04
2.20	0.21	0.08	0.03	4.80	0.51	0.33	0.04
2.25	0.22	0.08	0.03	4.85	0.52	0.33	0.04
2.30	0.22	0.09	0.03	4.90	0.52	0.34	0.04
2.35	0.23	0.09	0.03	4.95	0.53	0.35	0.04
2.40	0.23	0.09	0.03	5.00	0.54	0.35	0.04
2.45	0.24	0.10	0.03	5.05	0.54	0.36	0.05
2.50	0.24	0.10	0.03	5.10	0.55	0.36	0.05
2.55	0.25	0.10	0.03	5.15	0.56	0.37	0.05

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.05	7.80	0.97	0.76	0.07
5.25	0.57	0.38	0.05	7.85	0.98	0.77	0.07
5.30	0.58	0.39	0.05	7.90	0.99	0.78	0.07
5.35	0.58	0.39	0.05	7.95	1.00	0.79	0.07
5.40	0.59	0.40	0.05	8.00	1.01	0.80	0.08
5.45	0.60	0.41	0.05	8.05	1.02	0.81	0.08
5.50	0.60	0.41	0.05	8.10	1.03	0.82	0.08
5.55	0.61	0.42	0.05	8.15	1.04	0.83	0.08
5.60	0.62	0.42	0.05	8.20	1.05	0.84	0.08
5.65	0.62	0.43	0.05	8.25	1.06	0.85	0.08
5.70	0.63	0.44	0.05	8.30	1.07	0.86	0.08
5.75	0.64	0.44	0.05	8.35	1.08	0.87	0.08
5.80	0.64	0.45	0.05	8.40	1.10	0.88	0.08
5.85	0.65	0.45	0.05	8.45	1.11	0.89	0.08
5.90	0.66	0.46	0.05	8.50	1.12	0.91	0.08
5.95	0.66	0.47	0.05	8.55	1.13	0.92	0.08
6.00	0.67	0.47	0.05	8.60	1.14	0.93	0.08
6.05	0.68	0.48	0.05	8.65	1.15	0.94	0.08
6.10	0.68	0.49	0.05	8.70	1.16	0.95	0.08
6.15	0.69	0.49	0.05	8.75	1.17	0.96	0.09
6.20	0.70	0.50	0.05	8.80	1.19	0.97	0.09
6.25	0.70	0.51	0.05	8.85	1.20	0.98	0.09
6.30	0.71	0.51	0.05	8.90	1.21	0.99	0.09
6.35	0.72	0.52	0.05	8.95	1.22	1.01	0.09
6.40	0.73	0.53	0.05	9.00	1.23	1.02	0.09
6.45	0.73	0.54	0.05	9.05	1.25	1.03	0.09
6.50	0.74	0.54	0.05	9.10	1.26	1.04	0.09
6.55	0.75	0.55	0.06	9.15	1.27	1.05	0.09
6.60	0.76	0.56	0.06	9.20	1.28	1.07	0.09
6.65	0.77	0.57	0.06	9.25	1.30	1.08	0.10
6.70	0.77	0.57	0.06	9.30	1.31	1.09	0.10
6.75	0.78	0.58	0.06	9.35	1.33	1.11	0.10
6.80	0.79	0.59	0.06	9.40	1.34	1.12	0.10
6.85	0.80	0.60	0.06	9.45	1.35	1.14	0.11
6.90	0.81	0.60	0.06	9.50	1.37	1.15	0.11
6.95	0.81	0.61	0.06	9.55	1.39	1.17	0.11
7.00	0.82	0.62	0.06	9.60	1.40	1.18	0.11
7.05	0.83	0.63	0.06	9.65	1.42	1.20	0.12
7.10	0.84	0.64	0.06	9.70	1.43	1.21	0.12
7.15	0.85	0.65	0.06	9.75	1.45	1.23	0.12
7.20	0.86	0.65	0.06	9.80	1.47	1.25	0.12
7.25	0.87	0.66	0.07	9.85	1.49	1.27	0.13
7.30	0.88	0.67	0.07	9.90	1.50	1.28	0.13
7.35	0.89	0.68	0.07	9.95	1.52	1.30	0.13
7.40	0.89	0.69	0.07	10.00	1.54	1.32	0.13
7.45	0.90	0.70	0.07	10.05	1.56	1.34	0.14
7.50	0.91	0.71	0.07	10.10	1.58	1.36	0.14
7.55	0.92	0.72	0.07	10.15	1.60	1.37	0.14
7.60	0.93	0.73	0.07	10.20	1.62	1.39	0.14
7.65	0.94	0.73	0.07	10.25	1.64	1.41	0.15
7.70	0.95	0.74	0.07	10.30	1.66	1.43	0.15
7.75	0.96	0.75	0.07	10.35	1.68	1.45	0.15

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.15	13.00	6.41	6.18	0.33
10.45	1.72	1.50	0.16	13.05	6.45	6.21	0.31
10.50	1.74	1.52	0.16	13.10	6.48	6.24	0.30
10.55	1.76	1.54	0.16	13.15	6.51	6.27	0.28
10.60	1.79	1.56	0.17	13.20	6.54	6.30	0.27
10.65	1.81	1.59	0.17	13.25	6.57	6.33	0.25
10.70	1.84	1.62	0.18	13.30	6.60	6.36	0.24
10.75	1.87	1.64	0.19	13.35	6.63	6.39	0.23
10.80	1.90	1.67	0.20	13.40	6.65	6.41	0.22
10.85	1.93	1.70	0.21	13.45	6.68	6.44	0.21
10.90	1.96	1.73	0.22	13.50	6.70	6.46	0.20
10.95	1.99	1.77	0.23	13.55	6.72	6.48	0.19
11.00	2.03	1.80	0.24	13.60	6.74	6.50	0.19
11.05	2.06	1.84	0.25	13.65	6.76	6.53	0.18
11.10	2.10	1.87	0.26	13.70	6.78	6.55	0.17
11.15	2.14	1.92	0.28	13.75	6.80	6.57	0.17
11.20	2.19	1.96	0.29	13.80	6.82	6.59	0.16
11.25	2.23	2.01	0.31	13.85	6.84	6.61	0.16
11.30	2.28	2.05	0.33	13.90	6.86	6.62	0.16
11.35	2.33	2.10	0.34	13.95	6.88	6.64	0.15
11.40	2.38	2.16	0.36	14.00	6.90	6.66	0.15
11.45	2.44	2.21	0.38	14.05	6.92	6.68	0.15
11.50	2.49	2.26	0.40	14.10	6.94	6.70	0.15
11.55	2.58	2.35	0.42	14.15	6.95	6.72	0.14
11.60	2.66	2.43	0.47	14.20	6.97	6.73	0.14
11.65	2.75	2.52	0.55	14.25	6.99	6.75	0.14
11.70	2.84	2.61	0.62	14.30	7.01	6.77	0.14
11.75	2.97	2.74	0.66	14.35	7.02	6.78	0.13
11.80	3.09	2.86	0.74	14.40	7.04	6.80	0.13
11.85	3.26	3.03	0.84	14.45	7.05	6.82	0.13
11.90	3.43	3.20	0.98	14.50	7.07	6.83	0.13
11.95	3.73	3.49	1.17	14.55	7.09	6.85	0.12
12.00	4.02	3.79	1.46	14.60	7.10	6.86	0.12
12.05	4.52	4.28	1.86	14.65	7.11	6.88	0.12
12.10	5.01	4.77	2.41	14.70	7.13	6.89	0.12
12.15	5.18	4.94	2.94	14.75	7.14	6.90	0.11
12.20	5.35	5.11	2.85	14.80	7.16	6.92	0.11
12.25	5.47	5.24	2.26	14.85	7.17	6.93	0.11
12.30	5.60	5.36	1.70	14.90	7.18	6.94	0.11
12.35	5.69	5.45	1.34	14.95	7.19	6.96	0.10
12.40	5.78	5.54	1.08	15.00	7.21	6.97	0.10
12.45	5.86	5.62	0.90	15.05	7.22	6.98	0.10
12.50	5.95	5.71	0.79	15.10	7.23	6.99	0.10
12.55	6.00	5.76	0.72	15.15	7.24	7.00	0.09
12.60	6.06	5.82	0.64	15.20	7.25	7.02	0.09
12.65	6.11	5.87	0.55	15.25	7.27	7.03	0.09
12.70	6.16	5.92	0.48	15.30	7.28	7.04	0.09
12.75	6.21	5.97	0.44	15.35	7.29	7.05	0.09
12.80	6.25	6.02	0.41	15.40	7.30	7.06	0.09
12.85	6.30	6.06	0.39	15.45	7.31	7.07	0.09
12.90	6.34	6.10	0.37	15.50	7.32	7.08	0.09
12.95	6.38	6.14	0.35	15.55	7.33	7.09	0.09

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.09	18.20	7.80	7.56	0.05
15.65	7.36	7.12	0.09	18.25	7.80	7.57	0.05
15.70	7.37	7.13	0.09	18.30	7.81	7.57	0.05
15.75	7.38	7.14	0.08	18.35	7.82	7.58	0.05
15.80	7.39	7.15	0.08	18.40	7.82	7.59	0.05
15.85	7.40	7.16	0.08	18.45	7.83	7.59	0.05
15.90	7.41	7.17	0.08	18.50	7.84	7.60	0.05
15.95	7.42	7.18	0.08	18.55	7.84	7.61	0.05
16.00	7.43	7.19	0.08	18.60	7.85	7.61	0.05
16.05	7.44	7.20	0.08	18.65	7.86	7.62	0.05
16.10	7.45	7.21	0.08	18.70	7.86	7.62	0.05
16.15	7.46	7.22	0.08	18.75	7.87	7.63	0.05
16.20	7.47	7.23	0.08	18.80	7.88	7.64	0.05
16.25	7.48	7.24	0.08	18.85	7.88	7.64	0.05
16.30	7.49	7.25	0.08	18.90	7.89	7.65	0.05
16.35	7.50	7.26	0.08	18.95	7.90	7.66	0.05
16.40	7.51	7.27	0.08	19.00	7.90	7.66	0.05
16.45	7.52	7.28	0.08	19.05	7.91	7.67	0.05
16.50	7.53	7.29	0.08	19.10	7.92	7.68	0.05
16.55	7.54	7.30	0.07	19.15	7.92	7.68	0.05
16.60	7.55	7.31	0.07	19.20	7.93	7.69	0.05
16.65	7.55	7.32	0.07	19.25	7.93	7.70	0.05
16.70	7.56	7.32	0.07	19.30	7.94	7.70	0.05
16.75	7.57	7.33	0.07	19.35	7.95	7.71	0.05
16.80	7.58	7.34	0.07	19.40	7.95	7.71	0.05
16.85	7.59	7.35	0.07	19.45	7.96	7.72	0.05
16.90	7.60	7.36	0.07	19.50	7.97	7.73	0.05
16.95	7.61	7.37	0.07	19.55	7.97	7.73	0.05
17.00	7.62	7.38	0.07	19.60	7.98	7.74	0.05
17.05	7.63	7.39	0.07	19.65	7.98	7.74	0.05
17.10	7.63	7.39	0.07	19.70	7.99	7.75	0.05
17.15	7.64	7.40	0.07	19.75	8.00	7.76	0.05
17.20	7.65	7.41	0.07	19.80	8.00	7.76	0.05
17.25	7.66	7.42	0.07	19.85	8.01	7.77	0.05
17.30	7.67	7.43	0.06	19.90	8.01	7.78	0.05
17.35	7.67	7.43	0.06	19.95	8.02	7.78	0.05
17.40	7.68	7.44	0.06	20.00	8.03	7.79	0.05
17.45	7.69	7.45	0.06	20.05	8.03	7.79	0.05
17.50	7.70	7.46	0.06	20.10	8.04	7.80	0.05
17.55	7.71	7.47	0.06	20.15	8.04	7.80	0.05
17.60	7.71	7.47	0.06	20.20	8.05	7.81	0.05
17.65	7.72	7.48	0.06	20.25	8.06	7.82	0.05
17.70	7.73	7.49	0.06	20.30	8.06	7.82	0.05
17.75	7.74	7.50	0.06	20.35	8.07	7.83	0.05
17.80	7.74	7.50	0.06	20.40	8.07	7.83	0.05
17.85	7.75	7.51	0.06	20.45	8.08	7.84	0.05
17.90	7.76	7.52	0.06	20.50	8.09	7.85	0.05
17.95	7.76	7.52	0.06	20.55	8.09	7.85	0.05
18.00	7.77	7.53	0.06	20.60	8.10	7.86	0.05
18.05	7.78	7.54	0.05	20.65	8.10	7.86	0.04
18.10	7.78	7.55	0.05	20.70	8.11	7.87	0.04
18.15	7.79	7.55	0.05	20.75	8.11	7.87	0.04

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.04	23.40	8.38	8.14	0.04
20.85	8.13	7.89	0.04	23.45	8.39	8.15	0.04
20.90	8.13	7.89	0.04	23.50	8.39	8.15	0.04
20.95	8.14	7.90	0.04	23.55	8.40	8.16	0.04
21.00	8.14	7.90	0.04	23.60	8.40	8.16	0.04
21.05	8.15	7.91	0.04	23.65	8.41	8.17	0.04
21.10	8.15	7.91	0.04	23.70	8.41	8.17	0.03
21.15	8.16	7.92	0.04	23.75	8.42	8.18	0.03
21.20	8.16	7.92	0.04	23.80	8.42	8.18	0.03
21.25	8.17	7.93	0.04	23.85	8.42	8.18	0.03
21.30	8.18	7.94	0.04	23.90	8.43	8.19	0.03
21.35	8.18	7.94	0.04	23.95	8.43	8.19	0.03
21.40	8.19	7.95	0.04	24.00	8.44	8.20	0.04
21.45	8.19	7.95	0.04	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.04	24.10	8.44	8.20	0.03
21.55	8.20	7.96	0.04	24.15	8.44	8.20	0.02
21.60	8.21	7.97	0.04	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.04	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.04	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.04	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.04	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.04	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.04	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.04	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.04	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.04	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.04	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.04	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.04	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.04	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.04	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.04	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.04	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.04	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.04	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.04	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.04	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.04	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.04	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.04	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.04	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.04	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.04	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.04	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.04	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.04	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.04	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.04	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.04	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.04	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.04	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.04	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 5.60 cfs @ 12.17 hrs, Volume= 0.426 af, Depth= 5.32"
 Routed to Pond B-32 : Basin #32

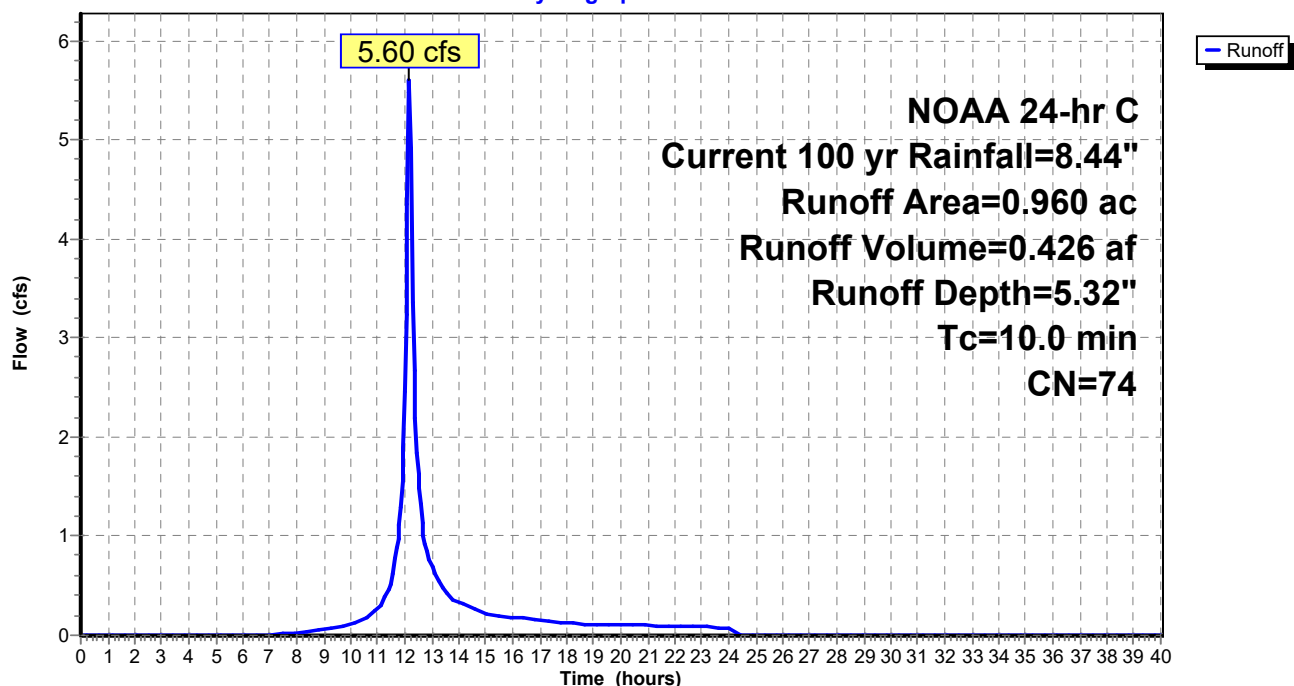
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.03
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.03
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.03
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.04
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.04
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.04
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.04
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.04
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.04
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.04
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.04
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.05
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.05
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.05
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.05
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.05
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.05
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.05
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.06
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.06
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.06
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.06
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.07
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.07
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.07
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.07
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.08
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.08
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.08
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.09
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.09
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.09
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.10
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.10
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.10
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.11
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.11
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.12
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.12
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.12
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.13
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.13
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.14
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.14

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.15	13.00	6.41	3.54	0.70
10.45	1.72	0.23	0.15	13.05	6.45	3.57	0.67
10.50	1.74	0.24	0.15	13.10	6.48	3.59	0.63
10.55	1.76	0.25	0.16	13.15	6.51	3.62	0.60
10.60	1.79	0.26	0.17	13.20	6.54	3.65	0.57
10.65	1.81	0.27	0.18	13.25	6.57	3.67	0.54
10.70	1.84	0.28	0.19	13.30	6.60	3.70	0.52
10.75	1.87	0.29	0.20	13.35	6.63	3.72	0.50
10.80	1.90	0.30	0.21	13.40	6.65	3.74	0.48
10.85	1.93	0.32	0.23	13.45	6.68	3.76	0.46
10.90	1.96	0.33	0.24	13.50	6.70	3.78	0.44
10.95	1.99	0.35	0.25	13.55	6.72	3.80	0.42
11.00	2.03	0.36	0.27	13.60	6.74	3.82	0.40
11.05	2.06	0.38	0.29	13.65	6.76	3.84	0.38
11.10	2.10	0.40	0.30	13.70	6.78	3.85	0.37
11.15	2.14	0.42	0.33	13.75	6.80	3.87	0.36
11.20	2.19	0.44	0.35	13.80	6.82	3.89	0.35
11.25	2.23	0.46	0.38	13.85	6.84	3.91	0.34
11.30	2.28	0.49	0.41	13.90	6.86	3.92	0.34
11.35	2.33	0.52	0.44	13.95	6.88	3.94	0.33
11.40	2.38	0.54	0.47	14.00	6.90	3.96	0.33
11.45	2.44	0.57	0.50	14.05	6.92	3.97	0.32
11.50	2.49	0.60	0.53	14.10	6.94	3.99	0.32
11.55	2.58	0.65	0.57	14.15	6.95	4.00	0.31
11.60	2.66	0.70	0.66	14.20	6.97	4.02	0.31
11.65	2.75	0.76	0.78	14.25	6.99	4.03	0.30
11.70	2.84	0.81	0.89	14.30	7.01	4.05	0.30
11.75	2.97	0.89	0.98	14.35	7.02	4.06	0.29
11.80	3.09	0.97	1.11	14.40	7.04	4.08	0.29
11.85	3.26	1.08	1.30	14.45	7.05	4.09	0.28
11.90	3.43	1.19	1.55	14.50	7.07	4.10	0.28
11.95	3.73	1.40	1.90	14.55	7.09	4.12	0.27
12.00	4.02	1.61	2.45	14.60	7.10	4.13	0.26
12.05	4.52	1.98	3.23	14.65	7.11	4.14	0.26
12.10	5.01	2.37	4.35	14.70	7.13	4.15	0.25
12.15	5.18	2.51	5.47	14.75	7.14	4.17	0.25
12.20	5.35	2.65	5.45	14.80	7.16	4.18	0.24
12.25	5.47	2.75	4.39	14.85	7.17	4.19	0.24
12.30	5.60	2.85	3.36	14.90	7.18	4.20	0.23
12.35	5.69	2.92	2.67	14.95	7.19	4.21	0.23
12.40	5.78	3.00	2.19	15.00	7.21	4.22	0.22
12.45	5.86	3.07	1.84	15.05	7.22	4.23	0.22
12.50	5.95	3.14	1.62	15.10	7.23	4.24	0.21
12.55	6.00	3.19	1.48	15.15	7.24	4.25	0.21
12.60	6.06	3.23	1.32	15.20	7.25	4.26	0.20
12.65	6.11	3.28	1.14	15.25	7.27	4.27	0.20
12.70	6.16	3.32	1.00	15.30	7.28	4.28	0.20
12.75	6.21	3.36	0.92	15.35	7.29	4.29	0.20
12.80	6.25	3.40	0.86	15.40	7.30	4.30	0.20
12.85	6.30	3.44	0.82	15.45	7.31	4.31	0.19
12.90	6.34	3.47	0.78	15.50	7.32	4.32	0.19
12.95	6.38	3.50	0.74	15.55	7.33	4.33	0.19

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.19	18.20	7.80	4.75	0.12
15.65	7.36	4.35	0.19	18.25	7.80	4.75	0.12
15.70	7.37	4.36	0.19	18.30	7.81	4.76	0.12
15.75	7.38	4.37	0.19	18.35	7.82	4.76	0.12
15.80	7.39	4.38	0.18	18.40	7.82	4.77	0.12
15.85	7.40	4.39	0.18	18.45	7.83	4.78	0.12
15.90	7.41	4.40	0.18	18.50	7.84	4.78	0.12
15.95	7.42	4.41	0.18	18.55	7.84	4.79	0.11
16.00	7.43	4.42	0.18	18.60	7.85	4.79	0.11
16.05	7.44	4.43	0.18	18.65	7.86	4.80	0.11
16.10	7.45	4.44	0.18	18.70	7.86	4.80	0.11
16.15	7.46	4.44	0.18	18.75	7.87	4.81	0.11
16.20	7.47	4.45	0.17	18.80	7.88	4.82	0.11
16.25	7.48	4.46	0.17	18.85	7.88	4.82	0.11
16.30	7.49	4.47	0.17	18.90	7.89	4.83	0.11
16.35	7.50	4.48	0.17	18.95	7.90	4.83	0.11
16.40	7.51	4.49	0.17	19.00	7.90	4.84	0.11
16.45	7.52	4.50	0.17	19.05	7.91	4.84	0.11
16.50	7.53	4.50	0.17	19.10	7.92	4.85	0.11
16.55	7.54	4.51	0.16	19.15	7.92	4.86	0.11
16.60	7.55	4.52	0.16	19.20	7.93	4.86	0.11
16.65	7.55	4.53	0.16	19.25	7.93	4.87	0.11
16.70	7.56	4.54	0.16	19.30	7.94	4.87	0.11
16.75	7.57	4.55	0.16	19.35	7.95	4.88	0.11
16.80	7.58	4.55	0.16	19.40	7.95	4.88	0.11
16.85	7.59	4.56	0.16	19.45	7.96	4.89	0.11
16.90	7.60	4.57	0.15	19.50	7.97	4.90	0.11
16.95	7.61	4.58	0.15	19.55	7.97	4.90	0.11
17.00	7.62	4.58	0.15	19.60	7.98	4.91	0.11
17.05	7.63	4.59	0.15	19.65	7.98	4.91	0.11
17.10	7.63	4.60	0.15	19.70	7.99	4.92	0.11
17.15	7.64	4.61	0.15	19.75	8.00	4.92	0.11
17.20	7.65	4.61	0.15	19.80	8.00	4.93	0.11
17.25	7.66	4.62	0.14	19.85	8.01	4.93	0.11
17.30	7.67	4.63	0.14	19.90	8.01	4.94	0.11
17.35	7.67	4.64	0.14	19.95	8.02	4.94	0.11
17.40	7.68	4.64	0.14	20.00	8.03	4.95	0.10
17.45	7.69	4.65	0.14	20.05	8.03	4.96	0.10
17.50	7.70	4.66	0.14	20.10	8.04	4.96	0.10
17.55	7.71	4.66	0.14	20.15	8.04	4.97	0.10
17.60	7.71	4.67	0.13	20.20	8.05	4.97	0.10
17.65	7.72	4.68	0.13	20.25	8.06	4.98	0.10
17.70	7.73	4.68	0.13	20.30	8.06	4.98	0.10
17.75	7.74	4.69	0.13	20.35	8.07	4.99	0.10
17.80	7.74	4.70	0.13	20.40	8.07	4.99	0.10
17.85	7.75	4.70	0.13	20.45	8.08	5.00	0.10
17.90	7.76	4.71	0.13	20.50	8.09	5.00	0.10
17.95	7.76	4.72	0.12	20.55	8.09	5.01	0.10
18.00	7.77	4.72	0.12	20.60	8.10	5.01	0.10
18.05	7.78	4.73	0.12	20.65	8.10	5.02	0.10
18.10	7.78	4.73	0.12	20.70	8.11	5.02	0.10
18.15	7.79	4.74	0.12	20.75	8.11	5.03	0.10

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.10	23.40	8.38	5.27	0.08
20.85	8.13	5.04	0.10	23.45	8.39	5.28	0.08
20.90	8.13	5.04	0.10	23.50	8.39	5.28	0.08
20.95	8.14	5.05	0.10	23.55	8.40	5.28	0.08
21.00	8.14	5.05	0.10	23.60	8.40	5.29	0.08
21.05	8.15	5.06	0.10	23.65	8.41	5.29	0.08
21.10	8.15	5.06	0.10	23.70	8.41	5.30	0.08
21.15	8.16	5.07	0.10	23.75	8.42	5.30	0.08
21.20	8.16	5.07	0.10	23.80	8.42	5.30	0.08
21.25	8.17	5.08	0.10	23.85	8.42	5.31	0.08
21.30	8.18	5.08	0.10	23.90	8.43	5.31	0.08
21.35	8.18	5.09	0.10	23.95	8.43	5.32	0.08
21.40	8.19	5.09	0.10	24.00	8.44	5.32	0.08
21.45	8.19	5.10	0.09	24.05	8.44	5.32	0.08
21.50	8.20	5.10	0.09	24.10	8.44	5.32	0.07
21.55	8.20	5.11	0.09	24.15	8.44	5.32	0.04
21.60	8.21	5.11	0.09	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.09	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.09	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.09	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.09	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.09	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.09	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.09	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.09	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.09	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.09	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.09	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.09	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.09	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.09	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.09	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.09	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.09	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.09	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.09	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.09	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.09	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.09	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.09	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.08	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.08	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.08	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.08	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.08	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.08	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.08	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.08	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.08	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.08	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.08	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.08	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

Runoff = 6.93 cfs @ 12.17 hrs, Volume= 0.614 af, Depth= 8.20"
 Routed to Pond B-33 : Basin #33

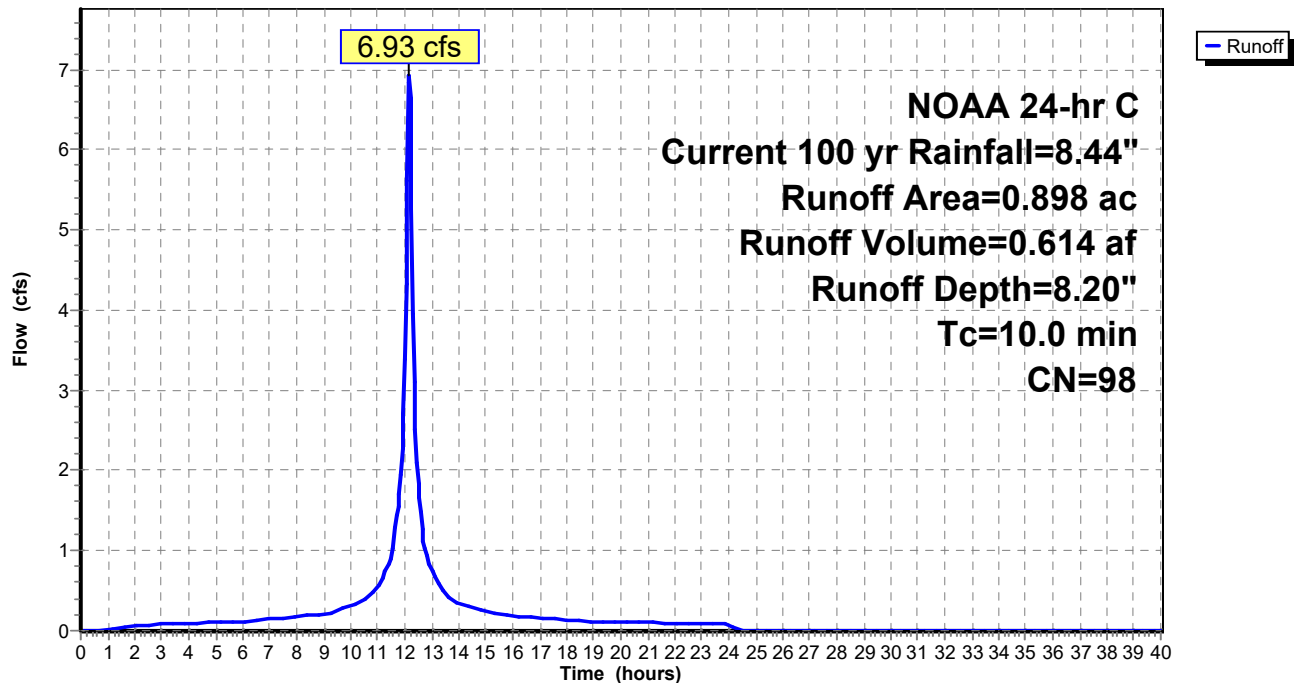
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 33I: PDA-33 (impervious)

Hydrograph



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.17
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.17
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.17
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.17
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.18
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.18
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.18
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.18
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.18
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.18
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.19
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.19
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.19
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.19
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.19
6.00	0.67	0.47	0.11	8.60	1.14	0.93	0.19
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.20
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.20
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.20
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.20
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.20
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.20
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.20
6.40	0.73	0.53	0.12	9.00	1.23	1.02	0.21
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.21
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.21
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.22
6.60	0.76	0.56	0.13	9.20	1.28	1.07	0.22
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.23
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.23
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.24
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.24
6.85	0.80	0.60	0.14	9.45	1.35	1.14	0.25
6.90	0.81	0.60	0.14	9.50	1.37	1.15	0.25
6.95	0.81	0.61	0.14	9.55	1.39	1.17	0.26
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.27
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.27
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.28
7.15	0.85	0.65	0.15	9.75	1.45	1.23	0.28
7.20	0.86	0.65	0.15	9.80	1.47	1.25	0.29
7.25	0.87	0.66	0.15	9.85	1.49	1.27	0.29
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.30
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.31
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.31
7.45	0.90	0.70	0.16	10.05	1.56	1.34	0.32
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.32
7.55	0.92	0.72	0.16	10.15	1.60	1.37	0.33
7.60	0.93	0.73	0.16	10.20	1.62	1.39	0.34
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.34
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.35
7.75	0.96	0.75	0.17	10.35	1.68	1.45	0.35

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.36	13.00	6.41	6.18	0.77
10.45	1.72	1.50	0.36	13.05	6.45	6.21	0.73
10.50	1.74	1.52	0.37	13.10	6.48	6.24	0.69
10.55	1.76	1.54	0.38	13.15	6.51	6.27	0.65
10.60	1.79	1.56	0.39	13.20	6.54	6.30	0.62
10.65	1.81	1.59	0.41	13.25	6.57	6.33	0.59
10.70	1.84	1.62	0.43	13.30	6.60	6.36	0.57
10.75	1.87	1.64	0.45	13.35	6.63	6.39	0.54
10.80	1.90	1.67	0.47	13.40	6.65	6.41	0.52
10.85	1.93	1.70	0.49	13.45	6.68	6.44	0.50
10.90	1.96	1.73	0.51	13.50	6.70	6.46	0.48
10.95	1.99	1.77	0.53	13.55	6.72	6.48	0.45
11.00	2.03	1.80	0.55	13.60	6.74	6.50	0.43
11.05	2.06	1.84	0.58	13.65	6.76	6.53	0.41
11.10	2.10	1.87	0.61	13.70	6.78	6.55	0.40
11.15	2.14	1.92	0.64	13.75	6.80	6.57	0.38
11.20	2.19	1.96	0.68	13.80	6.82	6.59	0.38
11.25	2.23	2.01	0.72	13.85	6.84	6.61	0.37
11.30	2.28	2.05	0.76	13.90	6.86	6.62	0.36
11.35	2.33	2.10	0.80	13.95	6.88	6.64	0.36
11.40	2.38	2.16	0.84	14.00	6.90	6.66	0.35
11.45	2.44	2.21	0.88	14.05	6.92	6.68	0.35
11.50	2.49	2.26	0.92	14.10	6.94	6.70	0.34
11.55	2.58	2.35	0.97	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.10	14.20	6.97	6.73	0.33
11.65	2.75	2.52	1.28	14.25	6.99	6.75	0.32
11.70	2.84	2.61	1.43	14.30	7.01	6.77	0.32
11.75	2.97	2.74	1.54	14.35	7.02	6.78	0.31
11.80	3.09	2.86	1.71	14.40	7.04	6.80	0.31
11.85	3.26	3.03	1.95	14.45	7.05	6.82	0.30
11.90	3.43	3.20	2.28	14.50	7.07	6.83	0.29
11.95	3.73	3.49	2.71	14.55	7.09	6.85	0.29
12.00	4.02	3.79	3.40	14.60	7.10	6.86	0.28
12.05	4.52	4.28	4.32	14.65	7.11	6.88	0.28
12.10	5.01	4.77	5.62	14.70	7.13	6.89	0.27
12.15	5.18	4.94	6.83	14.75	7.14	6.90	0.27
12.20	5.35	5.11	6.64	14.80	7.16	6.92	0.26
12.25	5.47	5.24	5.26	14.85	7.17	6.93	0.25
12.30	5.60	5.36	3.96	14.90	7.18	6.94	0.25
12.35	5.69	5.45	3.11	14.95	7.19	6.96	0.24
12.40	5.78	5.54	2.52	15.00	7.21	6.97	0.24
12.45	5.86	5.62	2.10	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.84	15.10	7.23	6.99	0.23
12.55	6.00	5.76	1.67	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.48	15.20	7.25	7.02	0.22
12.65	6.11	5.87	1.27	15.25	7.27	7.03	0.21
12.70	6.16	5.92	1.11	15.30	7.28	7.04	0.21
12.75	6.21	5.97	1.02	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.96	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.91	15.45	7.31	7.07	0.21
12.90	6.34	6.10	0.86	15.50	7.32	7.08	0.21
12.95	6.38	6.14	0.82	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.20	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.20	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.19	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.18	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.11
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.16	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.15	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.14	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 5.04 cfs @ 12.17 hrs, Volume= 0.383 af, Depth= 5.32"
 Routed to Pond B-33 : Basin #33

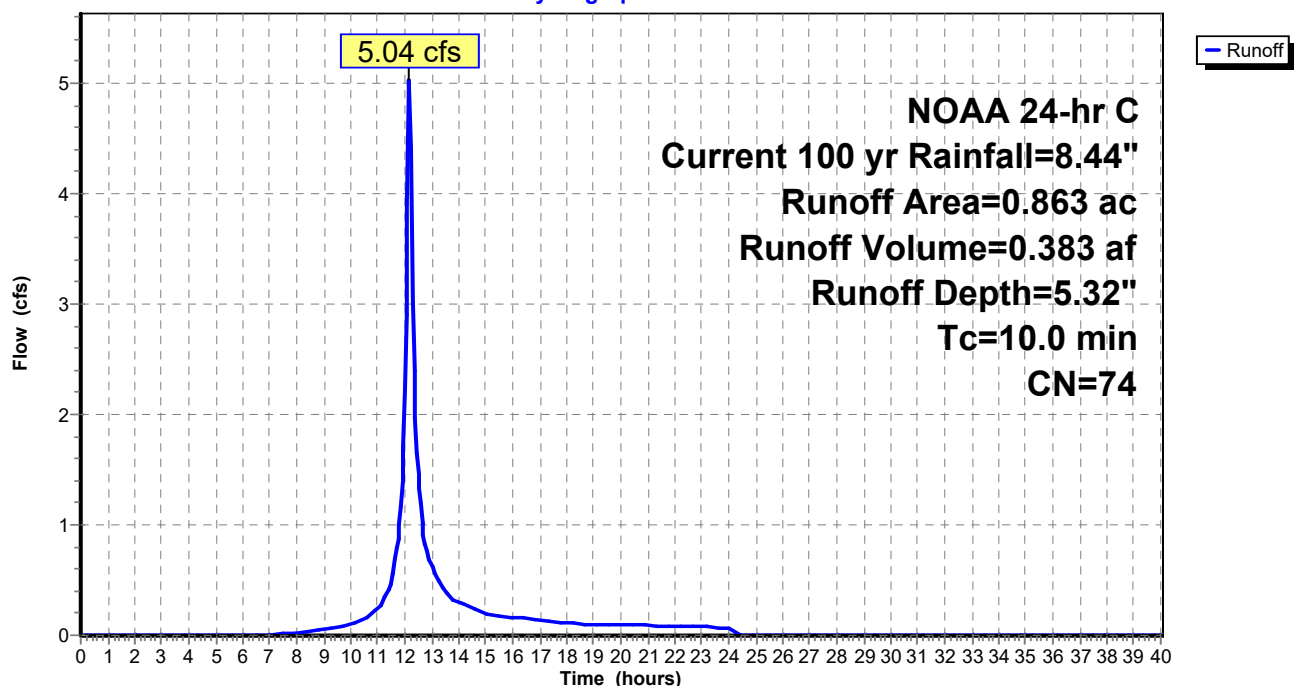
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.02
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.02
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.02
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.03
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.03
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.03
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.03
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.03
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.04
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.04
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.04
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.04
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.04
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.04
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.04
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.04
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.04
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.05
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.05
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.05
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.05
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.05
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.05
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.06
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.06
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.06
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.06
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.07
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.07
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.07
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.08
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.08
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.08
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.08
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.09
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.09
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.09
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.10
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.10
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.10
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.11
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.11
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.12
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.12
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.12
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.13

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.13	13.00	6.41	3.54	0.63
10.45	1.72	0.23	0.13	13.05	6.45	3.57	0.60
10.50	1.74	0.24	0.14	13.10	6.48	3.59	0.57
10.55	1.76	0.25	0.14	13.15	6.51	3.62	0.54
10.60	1.79	0.26	0.15	13.20	6.54	3.65	0.51
10.65	1.81	0.27	0.16	13.25	6.57	3.67	0.49
10.70	1.84	0.28	0.17	13.30	6.60	3.70	0.47
10.75	1.87	0.29	0.18	13.35	6.63	3.72	0.45
10.80	1.90	0.30	0.19	13.40	6.65	3.74	0.43
10.85	1.93	0.32	0.20	13.45	6.68	3.76	0.41
10.90	1.96	0.33	0.22	13.50	6.70	3.78	0.39
10.95	1.99	0.35	0.23	13.55	6.72	3.80	0.38
11.00	2.03	0.36	0.24	13.60	6.74	3.82	0.36
11.05	2.06	0.38	0.26	13.65	6.76	3.84	0.34
11.10	2.10	0.40	0.27	13.70	6.78	3.85	0.33
11.15	2.14	0.42	0.29	13.75	6.80	3.87	0.32
11.20	2.19	0.44	0.32	13.80	6.82	3.89	0.31
11.25	2.23	0.46	0.34	13.85	6.84	3.91	0.31
11.30	2.28	0.49	0.37	13.90	6.86	3.92	0.30
11.35	2.33	0.52	0.39	13.95	6.88	3.94	0.30
11.40	2.38	0.54	0.42	14.00	6.90	3.96	0.29
11.45	2.44	0.57	0.45	14.05	6.92	3.97	0.29
11.50	2.49	0.60	0.47	14.10	6.94	3.99	0.28
11.55	2.58	0.65	0.51	14.15	6.95	4.00	0.28
11.60	2.66	0.70	0.59	14.20	6.97	4.02	0.28
11.65	2.75	0.76	0.70	14.25	6.99	4.03	0.27
11.70	2.84	0.81	0.80	14.30	7.01	4.05	0.27
11.75	2.97	0.89	0.88	14.35	7.02	4.06	0.26
11.80	3.09	0.97	1.00	14.40	7.04	4.08	0.26
11.85	3.26	1.08	1.17	14.45	7.05	4.09	0.25
11.90	3.43	1.19	1.40	14.50	7.07	4.10	0.25
11.95	3.73	1.40	1.71	14.55	7.09	4.12	0.24
12.00	4.02	1.61	2.20	14.60	7.10	4.13	0.24
12.05	4.52	1.98	2.90	14.65	7.11	4.14	0.23
12.10	5.01	2.37	3.91	14.70	7.13	4.15	0.23
12.15	5.18	2.51	4.92	14.75	7.14	4.17	0.22
12.20	5.35	2.65	4.90	14.80	7.16	4.18	0.22
12.25	5.47	2.75	3.95	14.85	7.17	4.19	0.21
12.30	5.60	2.85	3.02	14.90	7.18	4.20	0.21
12.35	5.69	2.92	2.40	14.95	7.19	4.21	0.20
12.40	5.78	3.00	1.97	15.00	7.21	4.22	0.20
12.45	5.86	3.07	1.65	15.05	7.22	4.23	0.20
12.50	5.95	3.14	1.46	15.10	7.23	4.24	0.19
12.55	6.00	3.19	1.33	15.15	7.24	4.25	0.19
12.60	6.06	3.23	1.19	15.20	7.25	4.26	0.18
12.65	6.11	3.28	1.02	15.25	7.27	4.27	0.18
12.70	6.16	3.32	0.90	15.30	7.28	4.28	0.18
12.75	6.21	3.36	0.83	15.35	7.29	4.29	0.18
12.80	6.25	3.40	0.78	15.40	7.30	4.30	0.18
12.85	6.30	3.44	0.74	15.45	7.31	4.31	0.17
12.90	6.34	3.47	0.70	15.50	7.32	4.32	0.17
12.95	6.38	3.50	0.67	15.55	7.33	4.33	0.17

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.17	18.20	7.80	4.75	0.11
15.65	7.36	4.35	0.17	18.25	7.80	4.75	0.11
15.70	7.37	4.36	0.17	18.30	7.81	4.76	0.10
15.75	7.38	4.37	0.17	18.35	7.82	4.76	0.10
15.80	7.39	4.38	0.17	18.40	7.82	4.77	0.10
15.85	7.40	4.39	0.16	18.45	7.83	4.78	0.10
15.90	7.41	4.40	0.16	18.50	7.84	4.78	0.10
15.95	7.42	4.41	0.16	18.55	7.84	4.79	0.10
16.00	7.43	4.42	0.16	18.60	7.85	4.79	0.10
16.05	7.44	4.43	0.16	18.65	7.86	4.80	0.10
16.10	7.45	4.44	0.16	18.70	7.86	4.80	0.10
16.15	7.46	4.44	0.16	18.75	7.87	4.81	0.10
16.20	7.47	4.45	0.16	18.80	7.88	4.82	0.10
16.25	7.48	4.46	0.15	18.85	7.88	4.82	0.10
16.30	7.49	4.47	0.15	18.90	7.89	4.83	0.10
16.35	7.50	4.48	0.15	18.95	7.90	4.83	0.10
16.40	7.51	4.49	0.15	19.00	7.90	4.84	0.10
16.45	7.52	4.50	0.15	19.05	7.91	4.84	0.10
16.50	7.53	4.50	0.15	19.10	7.92	4.85	0.10
16.55	7.54	4.51	0.15	19.15	7.92	4.86	0.10
16.60	7.55	4.52	0.15	19.20	7.93	4.86	0.10
16.65	7.55	4.53	0.14	19.25	7.93	4.87	0.10
16.70	7.56	4.54	0.14	19.30	7.94	4.87	0.10
16.75	7.57	4.55	0.14	19.35	7.95	4.88	0.10
16.80	7.58	4.55	0.14	19.40	7.95	4.88	0.10
16.85	7.59	4.56	0.14	19.45	7.96	4.89	0.10
16.90	7.60	4.57	0.14	19.50	7.97	4.90	0.10
16.95	7.61	4.58	0.14	19.55	7.97	4.90	0.10
17.00	7.62	4.58	0.14	19.60	7.98	4.91	0.10
17.05	7.63	4.59	0.13	19.65	7.98	4.91	0.10
17.10	7.63	4.60	0.13	19.70	7.99	4.92	0.10
17.15	7.64	4.61	0.13	19.75	8.00	4.92	0.10
17.20	7.65	4.61	0.13	19.80	8.00	4.93	0.10
17.25	7.66	4.62	0.13	19.85	8.01	4.93	0.10
17.30	7.67	4.63	0.13	19.90	8.01	4.94	0.09
17.35	7.67	4.64	0.13	19.95	8.02	4.94	0.09
17.40	7.68	4.64	0.13	20.00	8.03	4.95	0.09
17.45	7.69	4.65	0.12	20.05	8.03	4.96	0.09
17.50	7.70	4.66	0.12	20.10	8.04	4.96	0.09
17.55	7.71	4.66	0.12	20.15	8.04	4.97	0.09
17.60	7.71	4.67	0.12	20.20	8.05	4.97	0.09
17.65	7.72	4.68	0.12	20.25	8.06	4.98	0.09
17.70	7.73	4.68	0.12	20.30	8.06	4.98	0.09
17.75	7.74	4.69	0.12	20.35	8.07	4.99	0.09
17.80	7.74	4.70	0.12	20.40	8.07	4.99	0.09
17.85	7.75	4.70	0.11	20.45	8.08	5.00	0.09
17.90	7.76	4.71	0.11	20.50	8.09	5.00	0.09
17.95	7.76	4.72	0.11	20.55	8.09	5.01	0.09
18.00	7.77	4.72	0.11	20.60	8.10	5.01	0.09
18.05	7.78	4.73	0.11	20.65	8.10	5.02	0.09
18.10	7.78	4.73	0.11	20.70	8.11	5.02	0.09
18.15	7.79	4.74	0.11	20.75	8.11	5.03	0.09

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.09	23.40	8.38	5.27	0.07
20.85	8.13	5.04	0.09	23.45	8.39	5.28	0.07
20.90	8.13	5.04	0.09	23.50	8.39	5.28	0.07
20.95	8.14	5.05	0.09	23.55	8.40	5.28	0.07
21.00	8.14	5.05	0.09	23.60	8.40	5.29	0.07
21.05	8.15	5.06	0.09	23.65	8.41	5.29	0.07
21.10	8.15	5.06	0.09	23.70	8.41	5.30	0.07
21.15	8.16	5.07	0.09	23.75	8.42	5.30	0.07
21.20	8.16	5.07	0.09	23.80	8.42	5.30	0.07
21.25	8.17	5.08	0.09	23.85	8.42	5.31	0.07
21.30	8.18	5.08	0.09	23.90	8.43	5.31	0.07
21.35	8.18	5.09	0.09	23.95	8.43	5.32	0.07
21.40	8.19	5.09	0.09	24.00	8.44	5.32	0.07
21.45	8.19	5.10	0.08	24.05	8.44	5.32	0.07
21.50	8.20	5.10	0.08	24.10	8.44	5.32	0.06
21.55	8.20	5.11	0.08	24.15	8.44	5.32	0.04
21.60	8.21	5.11	0.08	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.08	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.08	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.08	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.08	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.08	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.08	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.08	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.08	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.08	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.08	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.08	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.08	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.08	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.08	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.08	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.08	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.08	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.08	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.08	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.08	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.08	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.08	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.08	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.08	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.08	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.08	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.08	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.07	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.07	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.07	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.07	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.07	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.07	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.07	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.07	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 3.25 cfs @ 12.17 hrs, Volume= 0.288 af, Depth= 8.20"
 Routed to Pond B-34 : Basin #34

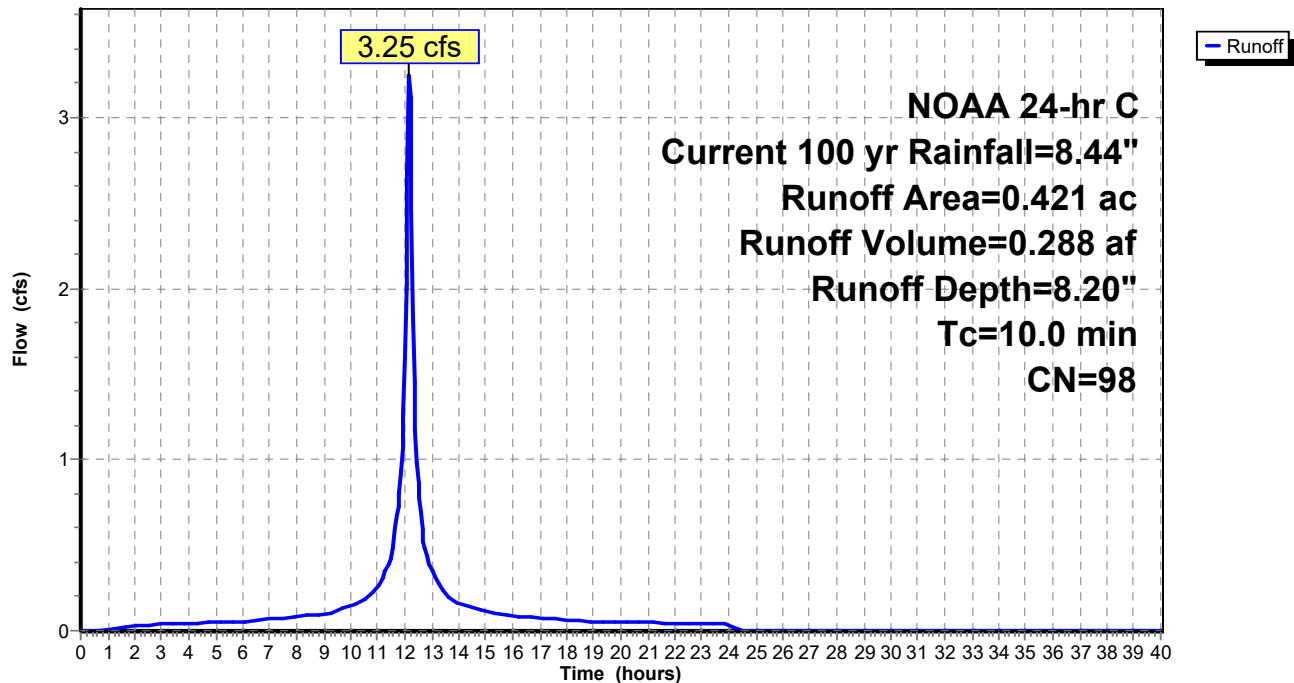
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.03
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.03
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.03
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.03
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.04
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.04
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.04
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.04
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.04
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.04
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.04
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.04
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.04
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.04
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.04
0.75	0.07	0.00	0.00	3.35	0.34	0.18	0.04
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.04
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.04
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.04
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.04
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.04
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.04
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.04
1.15	0.11	0.02	0.01	3.75	0.38	0.21	0.04
1.20	0.11	0.02	0.02	3.80	0.39	0.22	0.04
1.25	0.12	0.02	0.02	3.85	0.40	0.22	0.04
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.04
1.35	0.13	0.02	0.02	3.95	0.41	0.24	0.04
1.40	0.13	0.03	0.02	4.00	0.41	0.24	0.04
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.04
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.04
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.04
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.04
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.04
1.70	0.16	0.04	0.02	4.30	0.45	0.27	0.05
1.75	0.17	0.05	0.02	4.35	0.46	0.28	0.05
1.80	0.17	0.05	0.02	4.40	0.46	0.28	0.05
1.85	0.18	0.05	0.03	4.45	0.47	0.29	0.05
1.90	0.18	0.06	0.03	4.50	0.47	0.29	0.05
1.95	0.19	0.06	0.03	4.55	0.48	0.30	0.05
2.00	0.19	0.06	0.03	4.60	0.49	0.31	0.05
2.05	0.20	0.07	0.03	4.65	0.49	0.31	0.05
2.10	0.20	0.07	0.03	4.70	0.50	0.32	0.05
2.15	0.21	0.07	0.03	4.75	0.51	0.32	0.05
2.20	0.21	0.08	0.03	4.80	0.51	0.33	0.05
2.25	0.22	0.08	0.03	4.85	0.52	0.33	0.05
2.30	0.22	0.09	0.03	4.90	0.52	0.34	0.05
2.35	0.23	0.09	0.03	4.95	0.53	0.35	0.05
2.40	0.23	0.09	0.03	5.00	0.54	0.35	0.05
2.45	0.24	0.10	0.03	5.05	0.54	0.36	0.05
2.50	0.24	0.10	0.03	5.10	0.55	0.36	0.05
2.55	0.25	0.10	0.03	5.15	0.56	0.37	0.05

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.05	7.80	0.97	0.76	0.08
5.25	0.57	0.38	0.05	7.85	0.98	0.77	0.08
5.30	0.58	0.39	0.05	7.90	0.99	0.78	0.08
5.35	0.58	0.39	0.05	7.95	1.00	0.79	0.08
5.40	0.59	0.40	0.05	8.00	1.01	0.80	0.08
5.45	0.60	0.41	0.05	8.05	1.02	0.81	0.08
5.50	0.60	0.41	0.05	8.10	1.03	0.82	0.08
5.55	0.61	0.42	0.05	8.15	1.04	0.83	0.08
5.60	0.62	0.42	0.05	8.20	1.05	0.84	0.08
5.65	0.62	0.43	0.05	8.25	1.06	0.85	0.09
5.70	0.63	0.44	0.05	8.30	1.07	0.86	0.09
5.75	0.64	0.44	0.05	8.35	1.08	0.87	0.09
5.80	0.64	0.45	0.05	8.40	1.10	0.88	0.09
5.85	0.65	0.45	0.05	8.45	1.11	0.89	0.09
5.90	0.66	0.46	0.05	8.50	1.12	0.91	0.09
5.95	0.66	0.47	0.05	8.55	1.13	0.92	0.09
6.00	0.67	0.47	0.05	8.60	1.14	0.93	0.09
6.05	0.68	0.48	0.05	8.65	1.15	0.94	0.09
6.10	0.68	0.49	0.05	8.70	1.16	0.95	0.09
6.15	0.69	0.49	0.05	8.75	1.17	0.96	0.09
6.20	0.70	0.50	0.06	8.80	1.19	0.97	0.09
6.25	0.70	0.51	0.06	8.85	1.20	0.98	0.09
6.30	0.71	0.51	0.06	8.90	1.21	0.99	0.10
6.35	0.72	0.52	0.06	8.95	1.22	1.01	0.10
6.40	0.73	0.53	0.06	9.00	1.23	1.02	0.10
6.45	0.73	0.54	0.06	9.05	1.25	1.03	0.10
6.50	0.74	0.54	0.06	9.10	1.26	1.04	0.10
6.55	0.75	0.55	0.06	9.15	1.27	1.05	0.10
6.60	0.76	0.56	0.06	9.20	1.28	1.07	0.10
6.65	0.77	0.57	0.06	9.25	1.30	1.08	0.11
6.70	0.77	0.57	0.06	9.30	1.31	1.09	0.11
6.75	0.78	0.58	0.06	9.35	1.33	1.11	0.11
6.80	0.79	0.59	0.06	9.40	1.34	1.12	0.11
6.85	0.80	0.60	0.06	9.45	1.35	1.14	0.12
6.90	0.81	0.60	0.07	9.50	1.37	1.15	0.12
6.95	0.81	0.61	0.07	9.55	1.39	1.17	0.12
7.00	0.82	0.62	0.07	9.60	1.40	1.18	0.12
7.05	0.83	0.63	0.07	9.65	1.42	1.20	0.13
7.10	0.84	0.64	0.07	9.70	1.43	1.21	0.13
7.15	0.85	0.65	0.07	9.75	1.45	1.23	0.13
7.20	0.86	0.65	0.07	9.80	1.47	1.25	0.14
7.25	0.87	0.66	0.07	9.85	1.49	1.27	0.14
7.30	0.88	0.67	0.07	9.90	1.50	1.28	0.14
7.35	0.89	0.68	0.07	9.95	1.52	1.30	0.14
7.40	0.89	0.69	0.07	10.00	1.54	1.32	0.15
7.45	0.90	0.70	0.07	10.05	1.56	1.34	0.15
7.50	0.91	0.71	0.07	10.10	1.58	1.36	0.15
7.55	0.92	0.72	0.08	10.15	1.60	1.37	0.15
7.60	0.93	0.73	0.08	10.20	1.62	1.39	0.16
7.65	0.94	0.73	0.08	10.25	1.64	1.41	0.16
7.70	0.95	0.74	0.08	10.30	1.66	1.43	0.16
7.75	0.96	0.75	0.08	10.35	1.68	1.45	0.17

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.17	13.00	6.41	6.18	0.36
10.45	1.72	1.50	0.17	13.05	6.45	6.21	0.34
10.50	1.74	1.52	0.17	13.10	6.48	6.24	0.32
10.55	1.76	1.54	0.18	13.15	6.51	6.27	0.31
10.60	1.79	1.56	0.18	13.20	6.54	6.30	0.29
10.65	1.81	1.59	0.19	13.25	6.57	6.33	0.28
10.70	1.84	1.62	0.20	13.30	6.60	6.36	0.27
10.75	1.87	1.64	0.21	13.35	6.63	6.39	0.25
10.80	1.90	1.67	0.22	13.40	6.65	6.41	0.24
10.85	1.93	1.70	0.23	13.45	6.68	6.44	0.23
10.90	1.96	1.73	0.24	13.50	6.70	6.46	0.22
10.95	1.99	1.77	0.25	13.55	6.72	6.48	0.21
11.00	2.03	1.80	0.26	13.60	6.74	6.50	0.20
11.05	2.06	1.84	0.27	13.65	6.76	6.53	0.19
11.10	2.10	1.87	0.28	13.70	6.78	6.55	0.19
11.15	2.14	1.92	0.30	13.75	6.80	6.57	0.18
11.20	2.19	1.96	0.32	13.80	6.82	6.59	0.18
11.25	2.23	2.01	0.34	13.85	6.84	6.61	0.17
11.30	2.28	2.05	0.36	13.90	6.86	6.62	0.17
11.35	2.33	2.10	0.38	13.95	6.88	6.64	0.17
11.40	2.38	2.16	0.40	14.00	6.90	6.66	0.17
11.45	2.44	2.21	0.41	14.05	6.92	6.68	0.16
11.50	2.49	2.26	0.43	14.10	6.94	6.70	0.16
11.55	2.58	2.35	0.46	14.15	6.95	6.72	0.16
11.60	2.66	2.43	0.52	14.20	6.97	6.73	0.15
11.65	2.75	2.52	0.60	14.25	6.99	6.75	0.15
11.70	2.84	2.61	0.67	14.30	7.01	6.77	0.15
11.75	2.97	2.74	0.72	14.35	7.02	6.78	0.15
11.80	3.09	2.86	0.80	14.40	7.04	6.80	0.14
11.85	3.26	3.03	0.92	14.45	7.05	6.82	0.14
11.90	3.43	3.20	1.07	14.50	7.07	6.83	0.14
11.95	3.73	3.49	1.27	14.55	7.09	6.85	0.14
12.00	4.02	3.79	1.59	14.60	7.10	6.86	0.13
12.05	4.52	4.28	2.03	14.65	7.11	6.88	0.13
12.10	5.01	4.77	2.63	14.70	7.13	6.89	0.13
12.15	5.18	4.94	3.20	14.75	7.14	6.90	0.12
12.20	5.35	5.11	3.11	14.80	7.16	6.92	0.12
12.25	5.47	5.24	2.47	14.85	7.17	6.93	0.12
12.30	5.60	5.36	1.86	14.90	7.18	6.94	0.12
12.35	5.69	5.45	1.46	14.95	7.19	6.96	0.11
12.40	5.78	5.54	1.18	15.00	7.21	6.97	0.11
12.45	5.86	5.62	0.99	15.05	7.22	6.98	0.11
12.50	5.95	5.71	0.86	15.10	7.23	6.99	0.11
12.55	6.00	5.76	0.78	15.15	7.24	7.00	0.10
12.60	6.06	5.82	0.69	15.20	7.25	7.02	0.10
12.65	6.11	5.87	0.59	15.25	7.27	7.03	0.10
12.70	6.16	5.92	0.52	15.30	7.28	7.04	0.10
12.75	6.21	5.97	0.48	15.35	7.29	7.05	0.10
12.80	6.25	6.02	0.45	15.40	7.30	7.06	0.10
12.85	6.30	6.06	0.42	15.45	7.31	7.07	0.10
12.90	6.34	6.10	0.40	15.50	7.32	7.08	0.10
12.95	6.38	6.14	0.38	15.55	7.33	7.09	0.10

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.09	18.20	7.80	7.56	0.06
15.65	7.36	7.12	0.09	18.25	7.80	7.57	0.06
15.70	7.37	7.13	0.09	18.30	7.81	7.57	0.06
15.75	7.38	7.14	0.09	18.35	7.82	7.58	0.06
15.80	7.39	7.15	0.09	18.40	7.82	7.59	0.06
15.85	7.40	7.16	0.09	18.45	7.83	7.59	0.06
15.90	7.41	7.17	0.09	18.50	7.84	7.60	0.06
15.95	7.42	7.18	0.09	18.55	7.84	7.61	0.06
16.00	7.43	7.19	0.09	18.60	7.85	7.61	0.06
16.05	7.44	7.20	0.09	18.65	7.86	7.62	0.06
16.10	7.45	7.21	0.09	18.70	7.86	7.62	0.06
16.15	7.46	7.22	0.09	18.75	7.87	7.63	0.06
16.20	7.47	7.23	0.09	18.80	7.88	7.64	0.06
16.25	7.48	7.24	0.09	18.85	7.88	7.64	0.06
16.30	7.49	7.25	0.08	18.90	7.89	7.65	0.06
16.35	7.50	7.26	0.08	18.95	7.90	7.66	0.05
16.40	7.51	7.27	0.08	19.00	7.90	7.66	0.05
16.45	7.52	7.28	0.08	19.05	7.91	7.67	0.05
16.50	7.53	7.29	0.08	19.10	7.92	7.68	0.05
16.55	7.54	7.30	0.08	19.15	7.92	7.68	0.05
16.60	7.55	7.31	0.08	19.20	7.93	7.69	0.05
16.65	7.55	7.32	0.08	19.25	7.93	7.70	0.05
16.70	7.56	7.32	0.08	19.30	7.94	7.70	0.05
16.75	7.57	7.33	0.08	19.35	7.95	7.71	0.05
16.80	7.58	7.34	0.08	19.40	7.95	7.71	0.05
16.85	7.59	7.35	0.08	19.45	7.96	7.72	0.05
16.90	7.60	7.36	0.08	19.50	7.97	7.73	0.05
16.95	7.61	7.37	0.08	19.55	7.97	7.73	0.05
17.00	7.62	7.38	0.07	19.60	7.98	7.74	0.05
17.05	7.63	7.39	0.07	19.65	7.98	7.74	0.05
17.10	7.63	7.39	0.07	19.70	7.99	7.75	0.05
17.15	7.64	7.40	0.07	19.75	8.00	7.76	0.05
17.20	7.65	7.41	0.07	19.80	8.00	7.76	0.05
17.25	7.66	7.42	0.07	19.85	8.01	7.77	0.05
17.30	7.67	7.43	0.07	19.90	8.01	7.78	0.05
17.35	7.67	7.43	0.07	19.95	8.02	7.78	0.05
17.40	7.68	7.44	0.07	20.00	8.03	7.79	0.05
17.45	7.69	7.45	0.07	20.05	8.03	7.79	0.05
17.50	7.70	7.46	0.07	20.10	8.04	7.80	0.05
17.55	7.71	7.47	0.07	20.15	8.04	7.80	0.05
17.60	7.71	7.47	0.07	20.20	8.05	7.81	0.05
17.65	7.72	7.48	0.07	20.25	8.06	7.82	0.05
17.70	7.73	7.49	0.06	20.30	8.06	7.82	0.05
17.75	7.74	7.50	0.06	20.35	8.07	7.83	0.05
17.80	7.74	7.50	0.06	20.40	8.07	7.83	0.05
17.85	7.75	7.51	0.06	20.45	8.08	7.84	0.05
17.90	7.76	7.52	0.06	20.50	8.09	7.85	0.05
17.95	7.76	7.52	0.06	20.55	8.09	7.85	0.05
18.00	7.77	7.53	0.06	20.60	8.10	7.86	0.05
18.05	7.78	7.54	0.06	20.65	8.10	7.86	0.05
18.10	7.78	7.55	0.06	20.70	8.11	7.87	0.05
18.15	7.79	7.55	0.06	20.75	8.11	7.87	0.05

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.05	23.40	8.38	8.14	0.04
20.85	8.13	7.89	0.05	23.45	8.39	8.15	0.04
20.90	8.13	7.89	0.05	23.50	8.39	8.15	0.04
20.95	8.14	7.90	0.05	23.55	8.40	8.16	0.04
21.00	8.14	7.90	0.05	23.60	8.40	8.16	0.04
21.05	8.15	7.91	0.05	23.65	8.41	8.17	0.04
21.10	8.15	7.91	0.05	23.70	8.41	8.17	0.04
21.15	8.16	7.92	0.05	23.75	8.42	8.18	0.04
21.20	8.16	7.92	0.05	23.80	8.42	8.18	0.04
21.25	8.17	7.93	0.05	23.85	8.42	8.18	0.04
21.30	8.18	7.94	0.05	23.90	8.43	8.19	0.04
21.35	8.18	7.94	0.05	23.95	8.43	8.19	0.04
21.40	8.19	7.95	0.05	24.00	8.44	8.20	0.04
21.45	8.19	7.95	0.05	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.05	24.10	8.44	8.20	0.03
21.55	8.20	7.96	0.05	24.15	8.44	8.20	0.02
21.60	8.21	7.97	0.05	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.05	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.05	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.04	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.04	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.04	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.04	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.04	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.04	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.04	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.04	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.04	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.04	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.04	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.04	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.04	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.04	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.04	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.04	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.04	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.04	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.04	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.04	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.04	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.04	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.04	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.04	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.04	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.04	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.04	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.04	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.04	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.04	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.04	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.04	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.04	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 7.93 cfs @ 12.17 hrs, Volume= 0.602 af, Depth= 5.32"
 Routed to Pond B-34 : Basin #34

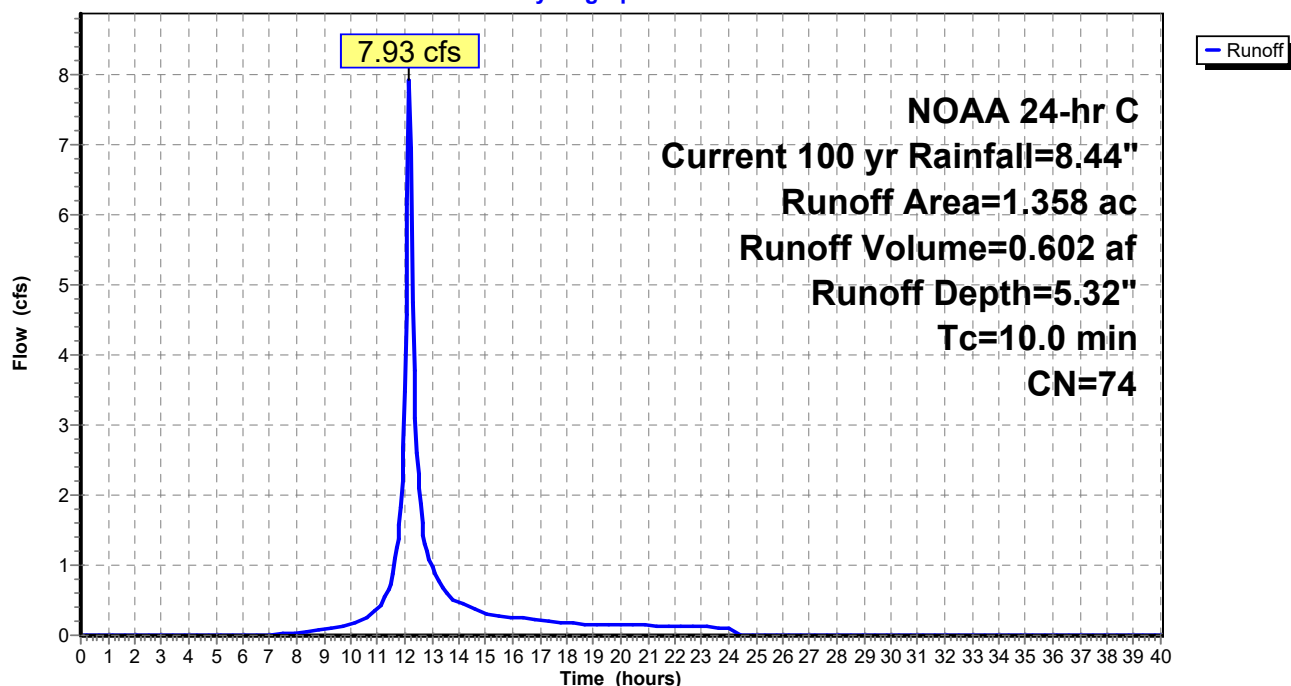
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.06
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.09
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.10
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.10
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.11
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.12
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.12
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.13
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.13
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.14
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.14
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.15
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.15
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.16
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.16
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.17
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.18
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.18
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.19
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.19
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.20

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.21	13.00	6.41	3.54	1.00
10.45	1.72	0.23	0.21	13.05	6.45	3.57	0.94
10.50	1.74	0.24	0.22	13.10	6.48	3.59	0.89
10.55	1.76	0.25	0.23	13.15	6.51	3.62	0.84
10.60	1.79	0.26	0.24	13.20	6.54	3.65	0.80
10.65	1.81	0.27	0.25	13.25	6.57	3.67	0.77
10.70	1.84	0.28	0.27	13.30	6.60	3.70	0.73
10.75	1.87	0.29	0.28	13.35	6.63	3.72	0.71
10.80	1.90	0.30	0.30	13.40	6.65	3.74	0.68
10.85	1.93	0.32	0.32	13.45	6.68	3.76	0.65
10.90	1.96	0.33	0.34	13.50	6.70	3.78	0.62
10.95	1.99	0.35	0.36	13.55	6.72	3.80	0.59
11.00	2.03	0.36	0.38	13.60	6.74	3.82	0.56
11.05	2.06	0.38	0.40	13.65	6.76	3.84	0.54
11.10	2.10	0.40	0.43	13.70	6.78	3.85	0.52
11.15	2.14	0.42	0.46	13.75	6.80	3.87	0.50
11.20	2.19	0.44	0.50	13.80	6.82	3.89	0.49
11.25	2.23	0.46	0.54	13.85	6.84	3.91	0.48
11.30	2.28	0.49	0.58	13.90	6.86	3.92	0.48
11.35	2.33	0.52	0.62	13.95	6.88	3.94	0.47
11.40	2.38	0.54	0.66	14.00	6.90	3.96	0.46
11.45	2.44	0.57	0.70	14.05	6.92	3.97	0.46
11.50	2.49	0.60	0.75	14.10	6.94	3.99	0.45
11.55	2.58	0.65	0.80	14.15	6.95	4.00	0.44
11.60	2.66	0.70	0.93	14.20	6.97	4.02	0.43
11.65	2.75	0.76	1.11	14.25	6.99	4.03	0.43
11.70	2.84	0.81	1.26	14.30	7.01	4.05	0.42
11.75	2.97	0.89	1.38	14.35	7.02	4.06	0.41
11.80	3.09	0.97	1.57	14.40	7.04	4.08	0.40
11.85	3.26	1.08	1.84	14.45	7.05	4.09	0.40
11.90	3.43	1.19	2.20	14.50	7.07	4.10	0.39
11.95	3.73	1.40	2.68	14.55	7.09	4.12	0.38
12.00	4.02	1.61	3.47	14.60	7.10	4.13	0.37
12.05	4.52	1.98	4.57	14.65	7.11	4.14	0.37
12.10	5.01	2.37	6.16	14.70	7.13	4.15	0.36
12.15	5.18	2.51	7.74	14.75	7.14	4.17	0.35
12.20	5.35	2.65	7.70	14.80	7.16	4.18	0.34
12.25	5.47	2.75	6.21	14.85	7.17	4.19	0.34
12.30	5.60	2.85	4.75	14.90	7.18	4.20	0.33
12.35	5.69	2.92	3.77	14.95	7.19	4.21	0.32
12.40	5.78	3.00	3.09	15.00	7.21	4.22	0.31
12.45	5.86	3.07	2.60	15.05	7.22	4.23	0.31
12.50	5.95	3.14	2.29	15.10	7.23	4.24	0.30
12.55	6.00	3.19	2.10	15.15	7.24	4.25	0.29
12.60	6.06	3.23	1.87	15.20	7.25	4.26	0.29
12.65	6.11	3.28	1.61	15.25	7.27	4.27	0.28
12.70	6.16	3.32	1.41	15.30	7.28	4.28	0.28
12.75	6.21	3.36	1.30	15.35	7.29	4.29	0.28
12.80	6.25	3.40	1.22	15.40	7.30	4.30	0.28
12.85	6.30	3.44	1.16	15.45	7.31	4.31	0.27
12.90	6.34	3.47	1.10	15.50	7.32	4.32	0.27
12.95	6.38	3.50	1.05	15.55	7.33	4.33	0.27

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.27	18.20	7.80	4.75	0.17
15.65	7.36	4.35	0.27	18.25	7.80	4.75	0.17
15.70	7.37	4.36	0.27	18.30	7.81	4.76	0.16
15.75	7.38	4.37	0.26	18.35	7.82	4.76	0.16
15.80	7.39	4.38	0.26	18.40	7.82	4.77	0.16
15.85	7.40	4.39	0.26	18.45	7.83	4.78	0.16
15.90	7.41	4.40	0.26	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.26	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.25	18.60	7.85	4.79	0.16
16.05	7.44	4.43	0.25	18.65	7.86	4.80	0.16
16.10	7.45	4.44	0.25	18.70	7.86	4.80	0.16
16.15	7.46	4.44	0.25	18.75	7.87	4.81	0.16
16.20	7.47	4.45	0.25	18.80	7.88	4.82	0.16
16.25	7.48	4.46	0.24	18.85	7.88	4.82	0.16
16.30	7.49	4.47	0.24	18.90	7.89	4.83	0.16
16.35	7.50	4.48	0.24	18.95	7.90	4.83	0.16
16.40	7.51	4.49	0.24	19.00	7.90	4.84	0.16
16.45	7.52	4.50	0.24	19.05	7.91	4.84	0.16
16.50	7.53	4.50	0.23	19.10	7.92	4.85	0.16
16.55	7.54	4.51	0.23	19.15	7.92	4.86	0.16
16.60	7.55	4.52	0.23	19.20	7.93	4.86	0.16
16.65	7.55	4.53	0.23	19.25	7.93	4.87	0.16
16.70	7.56	4.54	0.23	19.30	7.94	4.87	0.15
16.75	7.57	4.55	0.22	19.35	7.95	4.88	0.15
16.80	7.58	4.55	0.22	19.40	7.95	4.88	0.15
16.85	7.59	4.56	0.22	19.45	7.96	4.89	0.15
16.90	7.60	4.57	0.22	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.22	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.21	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.21	19.65	7.98	4.91	0.15
17.10	7.63	4.60	0.21	19.70	7.99	4.92	0.15
17.15	7.64	4.61	0.21	19.75	8.00	4.92	0.15
17.20	7.65	4.61	0.21	19.80	8.00	4.93	0.15
17.25	7.66	4.62	0.20	19.85	8.01	4.93	0.15
17.30	7.67	4.63	0.20	19.90	8.01	4.94	0.15
17.35	7.67	4.64	0.20	19.95	8.02	4.94	0.15
17.40	7.68	4.64	0.20	20.00	8.03	4.95	0.15
17.45	7.69	4.65	0.20	20.05	8.03	4.96	0.15
17.50	7.70	4.66	0.19	20.10	8.04	4.96	0.15
17.55	7.71	4.66	0.19	20.15	8.04	4.97	0.15
17.60	7.71	4.67	0.19	20.20	8.05	4.97	0.15
17.65	7.72	4.68	0.19	20.25	8.06	4.98	0.15
17.70	7.73	4.68	0.19	20.30	8.06	4.98	0.14
17.75	7.74	4.69	0.18	20.35	8.07	4.99	0.14
17.80	7.74	4.70	0.18	20.40	8.07	4.99	0.14
17.85	7.75	4.70	0.18	20.45	8.08	5.00	0.14
17.90	7.76	4.71	0.18	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.18	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.17	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.17	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.17	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.17	20.75	8.11	5.03	0.14

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.14	23.40	8.38	5.27	0.11
20.85	8.13	5.04	0.14	23.45	8.39	5.28	0.11
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.14	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.14	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.14	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.14	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.14	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.14	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.14	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.14	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.13	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.13	24.00	8.44	5.32	0.11
21.45	8.19	5.10	0.13	24.05	8.44	5.32	0.12
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.10
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.13	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.13	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.13	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.13	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.13	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.13	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.13	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.13	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.13	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.13	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.12	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.12	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.12	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.12	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.12	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.12	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.12	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.12	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.11	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.11	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 10.08 cfs @ 12.17 hrs, Volume= 0.893 af, Depth= 8.20"
 Routed to Pond B-35 : Basin #35

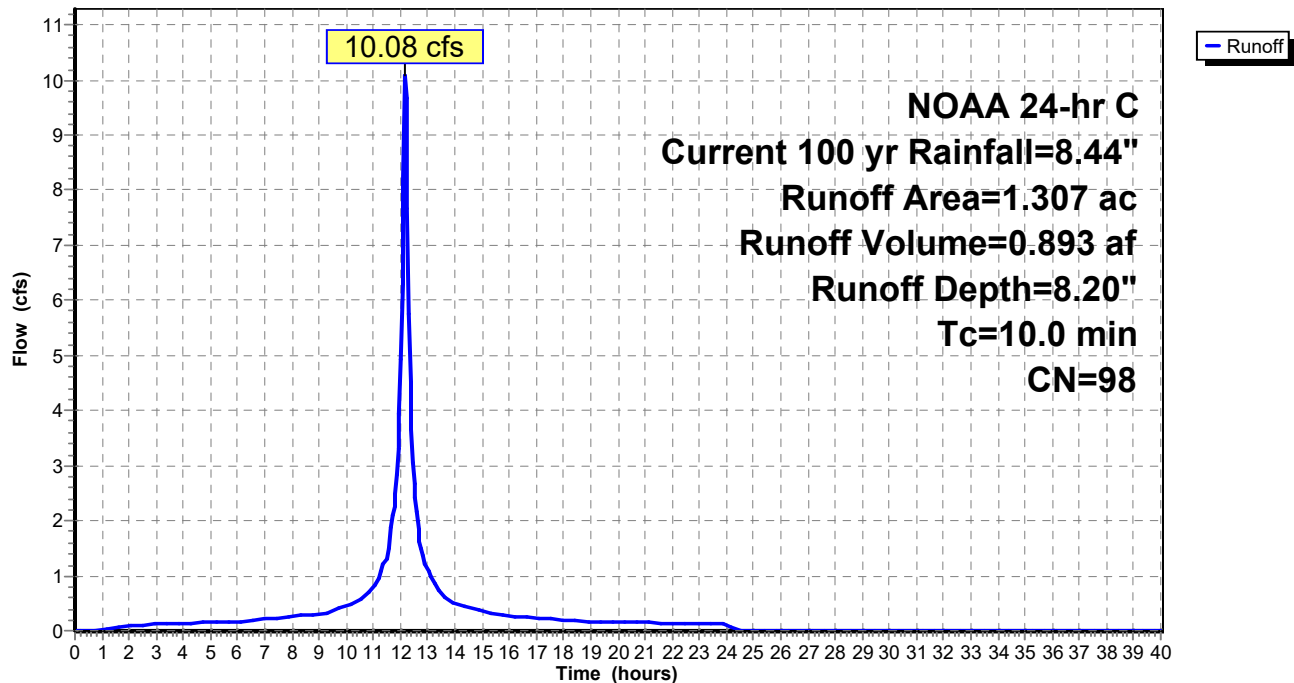
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.10
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.11
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.11
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.11
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.11
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.11
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.11
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.11
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.11
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.12
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.12
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.12
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.12
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.12
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.12
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.12
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.12
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.12
0.90	0.08	0.01	0.03	3.50	0.35	0.19	0.13
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.13
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.13
1.05	0.10	0.01	0.04	3.65	0.37	0.20	0.13
1.10	0.10	0.01	0.04	3.70	0.38	0.21	0.13
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.13
1.20	0.11	0.02	0.05	3.80	0.39	0.22	0.13
1.25	0.12	0.02	0.05	3.85	0.40	0.22	0.13
1.30	0.12	0.02	0.05	3.90	0.40	0.23	0.13
1.35	0.13	0.02	0.06	3.95	0.41	0.24	0.13
1.40	0.13	0.03	0.06	4.00	0.41	0.24	0.13
1.45	0.14	0.03	0.06	4.05	0.42	0.25	0.14
1.50	0.14	0.03	0.06	4.10	0.43	0.25	0.14
1.55	0.15	0.04	0.07	4.15	0.43	0.26	0.14
1.60	0.15	0.04	0.07	4.20	0.44	0.26	0.14
1.65	0.16	0.04	0.07	4.25	0.44	0.27	0.14
1.70	0.16	0.04	0.07	4.30	0.45	0.27	0.14
1.75	0.17	0.05	0.08	4.35	0.46	0.28	0.14
1.80	0.17	0.05	0.08	4.40	0.46	0.28	0.14
1.85	0.18	0.05	0.08	4.45	0.47	0.29	0.14
1.90	0.18	0.06	0.08	4.50	0.47	0.29	0.14
1.95	0.19	0.06	0.08	4.55	0.48	0.30	0.14
2.00	0.19	0.06	0.09	4.60	0.49	0.31	0.15
2.05	0.20	0.07	0.09	4.65	0.49	0.31	0.15
2.10	0.20	0.07	0.09	4.70	0.50	0.32	0.15
2.15	0.21	0.07	0.09	4.75	0.51	0.32	0.15
2.20	0.21	0.08	0.09	4.80	0.51	0.33	0.15
2.25	0.22	0.08	0.09	4.85	0.52	0.33	0.15
2.30	0.22	0.09	0.10	4.90	0.52	0.34	0.15
2.35	0.23	0.09	0.10	4.95	0.53	0.35	0.15
2.40	0.23	0.09	0.10	5.00	0.54	0.35	0.15
2.45	0.24	0.10	0.10	5.05	0.54	0.36	0.15
2.50	0.24	0.10	0.10	5.10	0.55	0.36	0.15
2.55	0.25	0.10	0.10	5.15	0.56	0.37	0.15

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.15	7.80	0.97	0.76	0.25
5.25	0.57	0.38	0.16	7.85	0.98	0.77	0.25
5.30	0.58	0.39	0.16	7.90	0.99	0.78	0.25
5.35	0.58	0.39	0.16	7.95	1.00	0.79	0.25
5.40	0.59	0.40	0.16	8.00	1.01	0.80	0.25
5.45	0.60	0.41	0.16	8.05	1.02	0.81	0.26
5.50	0.60	0.41	0.16	8.10	1.03	0.82	0.26
5.55	0.61	0.42	0.16	8.15	1.04	0.83	0.26
5.60	0.62	0.42	0.16	8.20	1.05	0.84	0.26
5.65	0.62	0.43	0.16	8.25	1.06	0.85	0.27
5.70	0.63	0.44	0.16	8.30	1.07	0.86	0.27
5.75	0.64	0.44	0.16	8.35	1.08	0.87	0.27
5.80	0.64	0.45	0.16	8.40	1.10	0.88	0.27
5.85	0.65	0.45	0.16	8.45	1.11	0.89	0.27
5.90	0.66	0.46	0.17	8.50	1.12	0.91	0.28
5.95	0.66	0.47	0.17	8.55	1.13	0.92	0.28
6.00	0.67	0.47	0.17	8.60	1.14	0.93	0.28
6.05	0.68	0.48	0.17	8.65	1.15	0.94	0.28
6.10	0.68	0.49	0.17	8.70	1.16	0.95	0.29
6.15	0.69	0.49	0.17	8.75	1.17	0.96	0.29
6.20	0.70	0.50	0.17	8.80	1.19	0.97	0.29
6.25	0.70	0.51	0.17	8.85	1.20	0.98	0.29
6.30	0.71	0.51	0.18	8.90	1.21	0.99	0.30
6.35	0.72	0.52	0.18	8.95	1.22	1.01	0.30
6.40	0.73	0.53	0.18	9.00	1.23	1.02	0.30
6.45	0.73	0.54	0.18	9.05	1.25	1.03	0.30
6.50	0.74	0.54	0.19	9.10	1.26	1.04	0.31
6.55	0.75	0.55	0.19	9.15	1.27	1.05	0.31
6.60	0.76	0.56	0.19	9.20	1.28	1.07	0.32
6.65	0.77	0.57	0.19	9.25	1.30	1.08	0.33
6.70	0.77	0.57	0.20	9.30	1.31	1.09	0.34
6.75	0.78	0.58	0.20	9.35	1.33	1.11	0.35
6.80	0.79	0.59	0.20	9.40	1.34	1.12	0.35
6.85	0.80	0.60	0.20	9.45	1.35	1.14	0.36
6.90	0.81	0.60	0.20	9.50	1.37	1.15	0.37
6.95	0.81	0.61	0.21	9.55	1.39	1.17	0.38
7.00	0.82	0.62	0.21	9.60	1.40	1.18	0.39
7.05	0.83	0.63	0.21	9.65	1.42	1.20	0.40
7.10	0.84	0.64	0.21	9.70	1.43	1.21	0.40
7.15	0.85	0.65	0.22	9.75	1.45	1.23	0.41
7.20	0.86	0.65	0.22	9.80	1.47	1.25	0.42
7.25	0.87	0.66	0.22	9.85	1.49	1.27	0.43
7.30	0.88	0.67	0.22	9.90	1.50	1.28	0.44
7.35	0.89	0.68	0.22	9.95	1.52	1.30	0.45
7.40	0.89	0.69	0.23	10.00	1.54	1.32	0.45
7.45	0.90	0.70	0.23	10.05	1.56	1.34	0.46
7.50	0.91	0.71	0.23	10.10	1.58	1.36	0.47
7.55	0.92	0.72	0.23	10.15	1.60	1.37	0.48
7.60	0.93	0.73	0.24	10.20	1.62	1.39	0.49
7.65	0.94	0.73	0.24	10.25	1.64	1.41	0.50
7.70	0.95	0.74	0.24	10.30	1.66	1.43	0.50
7.75	0.96	0.75	0.24	10.35	1.68	1.45	0.51

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.52	13.00	6.41	6.18	1.13
10.45	1.72	1.50	0.53	13.05	6.45	6.21	1.07
10.50	1.74	1.52	0.54	13.10	6.48	6.24	1.01
10.55	1.76	1.54	0.55	13.15	6.51	6.27	0.95
10.60	1.79	1.56	0.57	13.20	6.54	6.30	0.90
10.65	1.81	1.59	0.59	13.25	6.57	6.33	0.86
10.70	1.84	1.62	0.62	13.30	6.60	6.36	0.82
10.75	1.87	1.64	0.65	13.35	6.63	6.39	0.79
10.80	1.90	1.67	0.68	13.40	6.65	6.41	0.76
10.85	1.93	1.70	0.71	13.45	6.68	6.44	0.72
10.90	1.96	1.73	0.74	13.50	6.70	6.46	0.69
10.95	1.99	1.77	0.78	13.55	6.72	6.48	0.66
11.00	2.03	1.80	0.81	13.60	6.74	6.50	0.63
11.05	2.06	1.84	0.84	13.65	6.76	6.53	0.60
11.10	2.10	1.87	0.88	13.70	6.78	6.55	0.58
11.15	2.14	1.92	0.94	13.75	6.80	6.57	0.56
11.20	2.19	1.96	0.99	13.80	6.82	6.59	0.55
11.25	2.23	2.01	1.05	13.85	6.84	6.61	0.54
11.30	2.28	2.05	1.11	13.90	6.86	6.62	0.53
11.35	2.33	2.10	1.17	13.95	6.88	6.64	0.52
11.40	2.38	2.16	1.23	14.00	6.90	6.66	0.51
11.45	2.44	2.21	1.28	14.05	6.92	6.68	0.50
11.50	2.49	2.26	1.34	14.10	6.94	6.70	0.50
11.55	2.58	2.35	1.41	14.15	6.95	6.72	0.49
11.60	2.66	2.43	1.60	14.20	6.97	6.73	0.48
11.65	2.75	2.52	1.87	14.25	6.99	6.75	0.47
11.70	2.84	2.61	2.09	14.30	7.01	6.77	0.46
11.75	2.97	2.74	2.25	14.35	7.02	6.78	0.45
11.80	3.09	2.86	2.50	14.40	7.04	6.80	0.45
11.85	3.26	3.03	2.85	14.45	7.05	6.82	0.44
11.90	3.43	3.20	3.32	14.50	7.07	6.83	0.43
11.95	3.73	3.49	3.95	14.55	7.09	6.85	0.42
12.00	4.02	3.79	4.94	14.60	7.10	6.86	0.41
12.05	4.52	4.28	6.29	14.65	7.11	6.88	0.40
12.10	5.01	4.77	8.18	14.70	7.13	6.89	0.40
12.15	5.18	4.94	9.95	14.75	7.14	6.90	0.39
12.20	5.35	5.11	9.67	14.80	7.16	6.92	0.38
12.25	5.47	5.24	7.66	14.85	7.17	6.93	0.37
12.30	5.60	5.36	5.77	14.90	7.18	6.94	0.36
12.35	5.69	5.45	4.52	14.95	7.19	6.96	0.35
12.40	5.78	5.54	3.67	15.00	7.21	6.97	0.35
12.45	5.86	5.62	3.06	15.05	7.22	6.98	0.34
12.50	5.95	5.71	2.67	15.10	7.23	6.99	0.33
12.55	6.00	5.76	2.43	15.15	7.24	7.00	0.32
12.60	6.06	5.82	2.15	15.20	7.25	7.02	0.32
12.65	6.11	5.87	1.85	15.25	7.27	7.03	0.31
12.70	6.16	5.92	1.62	15.30	7.28	7.04	0.31
12.75	6.21	5.97	1.49	15.35	7.29	7.05	0.31
12.80	6.25	6.02	1.39	15.40	7.30	7.06	0.30
12.85	6.30	6.06	1.32	15.45	7.31	7.07	0.30
12.90	6.34	6.10	1.25	15.50	7.32	7.08	0.30
12.95	6.38	6.14	1.19	15.55	7.33	7.09	0.30

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.29	18.20	7.80	7.56	0.18
15.65	7.36	7.12	0.29	18.25	7.80	7.57	0.18
15.70	7.37	7.13	0.29	18.30	7.81	7.57	0.18
15.75	7.38	7.14	0.29	18.35	7.82	7.58	0.18
15.80	7.39	7.15	0.28	18.40	7.82	7.59	0.18
15.85	7.40	7.16	0.28	18.45	7.83	7.59	0.18
15.90	7.41	7.17	0.28	18.50	7.84	7.60	0.18
15.95	7.42	7.18	0.28	18.55	7.84	7.61	0.18
16.00	7.43	7.19	0.28	18.60	7.85	7.61	0.17
16.05	7.44	7.20	0.27	18.65	7.86	7.62	0.17
16.10	7.45	7.21	0.27	18.70	7.86	7.62	0.17
16.15	7.46	7.22	0.27	18.75	7.87	7.63	0.17
16.20	7.47	7.23	0.27	18.80	7.88	7.64	0.17
16.25	7.48	7.24	0.27	18.85	7.88	7.64	0.17
16.30	7.49	7.25	0.26	18.90	7.89	7.65	0.17
16.35	7.50	7.26	0.26	18.95	7.90	7.66	0.17
16.40	7.51	7.27	0.26	19.00	7.90	7.66	0.17
16.45	7.52	7.28	0.26	19.05	7.91	7.67	0.17
16.50	7.53	7.29	0.25	19.10	7.92	7.68	0.17
16.55	7.54	7.30	0.25	19.15	7.92	7.68	0.17
16.60	7.55	7.31	0.25	19.20	7.93	7.69	0.17
16.65	7.55	7.32	0.25	19.25	7.93	7.70	0.17
16.70	7.56	7.32	0.25	19.30	7.94	7.70	0.17
16.75	7.57	7.33	0.24	19.35	7.95	7.71	0.17
16.80	7.58	7.34	0.24	19.40	7.95	7.71	0.17
16.85	7.59	7.35	0.24	19.45	7.96	7.72	0.17
16.90	7.60	7.36	0.24	19.50	7.97	7.73	0.16
16.95	7.61	7.37	0.23	19.55	7.97	7.73	0.16
17.00	7.62	7.38	0.23	19.60	7.98	7.74	0.16
17.05	7.63	7.39	0.23	19.65	7.98	7.74	0.16
17.10	7.63	7.39	0.23	19.70	7.99	7.75	0.16
17.15	7.64	7.40	0.23	19.75	8.00	7.76	0.16
17.20	7.65	7.41	0.22	19.80	8.00	7.76	0.16
17.25	7.66	7.42	0.22	19.85	8.01	7.77	0.16
17.30	7.67	7.43	0.22	19.90	8.01	7.78	0.16
17.35	7.67	7.43	0.22	19.95	8.02	7.78	0.16
17.40	7.68	7.44	0.21	20.00	8.03	7.79	0.16
17.45	7.69	7.45	0.21	20.05	8.03	7.79	0.16
17.50	7.70	7.46	0.21	20.10	8.04	7.80	0.16
17.55	7.71	7.47	0.21	20.15	8.04	7.80	0.16
17.60	7.71	7.47	0.21	20.20	8.05	7.81	0.16
17.65	7.72	7.48	0.20	20.25	8.06	7.82	0.16
17.70	7.73	7.49	0.20	20.30	8.06	7.82	0.16
17.75	7.74	7.50	0.20	20.35	8.07	7.83	0.16
17.80	7.74	7.50	0.20	20.40	8.07	7.83	0.15
17.85	7.75	7.51	0.19	20.45	8.08	7.84	0.15
17.90	7.76	7.52	0.19	20.50	8.09	7.85	0.15
17.95	7.76	7.52	0.19	20.55	8.09	7.85	0.15
18.00	7.77	7.53	0.19	20.60	8.10	7.86	0.15
18.05	7.78	7.54	0.19	20.65	8.10	7.86	0.15
18.10	7.78	7.55	0.18	20.70	8.11	7.87	0.15
18.15	7.79	7.55	0.18	20.75	8.11	7.87	0.15

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.15	23.40	8.38	8.14	0.12
20.85	8.13	7.89	0.15	23.45	8.39	8.15	0.12
20.90	8.13	7.89	0.15	23.50	8.39	8.15	0.12
20.95	8.14	7.90	0.15	23.55	8.40	8.16	0.12
21.00	8.14	7.90	0.15	23.60	8.40	8.16	0.12
21.05	8.15	7.91	0.15	23.65	8.41	8.17	0.12
21.10	8.15	7.91	0.15	23.70	8.41	8.17	0.12
21.15	8.16	7.92	0.15	23.75	8.42	8.18	0.12
21.20	8.16	7.92	0.15	23.80	8.42	8.18	0.12
21.25	8.17	7.93	0.15	23.85	8.42	8.18	0.12
21.30	8.18	7.94	0.14	23.90	8.43	8.19	0.12
21.35	8.18	7.94	0.14	23.95	8.43	8.19	0.12
21.40	8.19	7.95	0.14	24.00	8.44	8.20	0.12
21.45	8.19	7.95	0.14	24.05	8.44	8.20	0.13
21.50	8.20	7.96	0.14	24.10	8.44	8.20	0.10
21.55	8.20	7.96	0.14	24.15	8.44	8.20	0.06
21.60	8.21	7.97	0.14	24.20	8.44	8.20	0.03
21.65	8.21	7.97	0.14	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.14	24.30	8.44	8.20	0.01
21.75	8.22	7.98	0.14	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.14	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.14	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.14	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.14	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.14	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.14	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.14	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.14	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.13	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.13	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.13	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.13	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.13	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.13	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.13	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.13	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.13	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.13	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.13	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.13	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.13	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.13	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.13	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.13	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.13	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.13	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.13	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.12	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.12	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.12	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.12	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.12	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 3.79 cfs @ 12.17 hrs, Volume= 0.288 af, Depth= 5.32"
 Routed to Pond B-35 : Basin #35

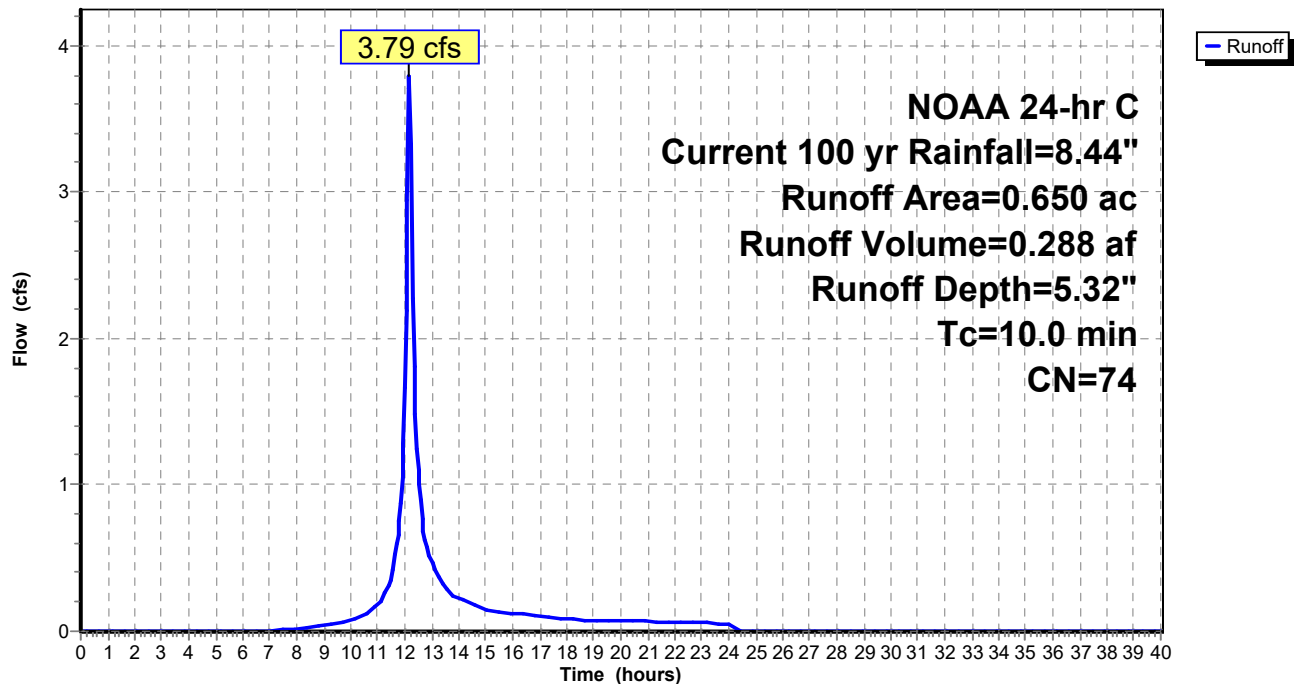
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.02
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.02
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.02
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.02
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.02
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.02
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.02
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.02
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.02
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.02
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.02
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.03
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.03
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.03
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.03
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.03
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.03
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.03
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.03
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.03
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.03
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.03
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.04
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.04
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.04
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.04
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.04
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.04
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.04
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.05
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.05
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.05
6.90	0.81	0.00	0.00	9.50	1.37	0.11	0.05
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.05
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.06
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.06
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.06
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.06
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.07
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.07
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.07
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.07
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.08
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.08
7.50	0.91	0.01	0.01	10.10	1.58	0.17	0.08
7.55	0.92	0.01	0.01	10.15	1.60	0.18	0.08
7.60	0.93	0.01	0.01	10.20	1.62	0.19	0.09
7.65	0.94	0.02	0.01	10.25	1.64	0.20	0.09
7.70	0.95	0.02	0.01	10.30	1.66	0.20	0.09
7.75	0.96	0.02	0.01	10.35	1.68	0.21	0.10

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.10	13.00	6.41	3.54	0.48
10.45	1.72	0.23	0.10	13.05	6.45	3.57	0.45
10.50	1.74	0.24	0.10	13.10	6.48	3.59	0.43
10.55	1.76	0.25	0.11	13.15	6.51	3.62	0.40
10.60	1.79	0.26	0.11	13.20	6.54	3.65	0.38
10.65	1.81	0.27	0.12	13.25	6.57	3.67	0.37
10.70	1.84	0.28	0.13	13.30	6.60	3.70	0.35
10.75	1.87	0.29	0.14	13.35	6.63	3.72	0.34
10.80	1.90	0.30	0.14	13.40	6.65	3.74	0.32
10.85	1.93	0.32	0.15	13.45	6.68	3.76	0.31
10.90	1.96	0.33	0.16	13.50	6.70	3.78	0.30
10.95	1.99	0.35	0.17	13.55	6.72	3.80	0.28
11.00	2.03	0.36	0.18	13.60	6.74	3.82	0.27
11.05	2.06	0.38	0.19	13.65	6.76	3.84	0.26
11.10	2.10	0.40	0.21	13.70	6.78	3.85	0.25
11.15	2.14	0.42	0.22	13.75	6.80	3.87	0.24
11.20	2.19	0.44	0.24	13.80	6.82	3.89	0.24
11.25	2.23	0.46	0.26	13.85	6.84	3.91	0.23
11.30	2.28	0.49	0.28	13.90	6.86	3.92	0.23
11.35	2.33	0.52	0.30	13.95	6.88	3.94	0.22
11.40	2.38	0.54	0.32	14.00	6.90	3.96	0.22
11.45	2.44	0.57	0.34	14.05	6.92	3.97	0.22
11.50	2.49	0.60	0.36	14.10	6.94	3.99	0.21
11.55	2.58	0.65	0.38	14.15	6.95	4.00	0.21
11.60	2.66	0.70	0.44	14.20	6.97	4.02	0.21
11.65	2.75	0.76	0.53	14.25	6.99	4.03	0.20
11.70	2.84	0.81	0.60	14.30	7.01	4.05	0.20
11.75	2.97	0.89	0.66	14.35	7.02	4.06	0.20
11.80	3.09	0.97	0.75	14.40	7.04	4.08	0.19
11.85	3.26	1.08	0.88	14.45	7.05	4.09	0.19
11.90	3.43	1.19	1.05	14.50	7.07	4.10	0.19
11.95	3.73	1.40	1.28	14.55	7.09	4.12	0.18
12.00	4.02	1.61	1.66	14.60	7.10	4.13	0.18
12.05	4.52	1.98	2.19	14.65	7.11	4.14	0.18
12.10	5.01	2.37	2.95	14.70	7.13	4.15	0.17
12.15	5.18	2.51	3.71	14.75	7.14	4.17	0.17
12.20	5.35	2.65	3.69	14.80	7.16	4.18	0.16
12.25	5.47	2.75	2.97	14.85	7.17	4.19	0.16
12.30	5.60	2.85	2.27	14.90	7.18	4.20	0.16
12.35	5.69	2.92	1.81	14.95	7.19	4.21	0.15
12.40	5.78	3.00	1.48	15.00	7.21	4.22	0.15
12.45	5.86	3.07	1.25	15.05	7.22	4.23	0.15
12.50	5.95	3.14	1.10	15.10	7.23	4.24	0.14
12.55	6.00	3.19	1.00	15.15	7.24	4.25	0.14
12.60	6.06	3.23	0.89	15.20	7.25	4.26	0.14
12.65	6.11	3.28	0.77	15.25	7.27	4.27	0.14
12.70	6.16	3.32	0.68	15.30	7.28	4.28	0.13
12.75	6.21	3.36	0.62	15.35	7.29	4.29	0.13
12.80	6.25	3.40	0.58	15.40	7.30	4.30	0.13
12.85	6.30	3.44	0.55	15.45	7.31	4.31	0.13
12.90	6.34	3.47	0.53	15.50	7.32	4.32	0.13
12.95	6.38	3.50	0.50	15.55	7.33	4.33	0.13

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.13	18.20	7.80	4.75	0.08
15.65	7.36	4.35	0.13	18.25	7.80	4.75	0.08
15.70	7.37	4.36	0.13	18.30	7.81	4.76	0.08
15.75	7.38	4.37	0.13	18.35	7.82	4.76	0.08
15.80	7.39	4.38	0.12	18.40	7.82	4.77	0.08
15.85	7.40	4.39	0.12	18.45	7.83	4.78	0.08
15.90	7.41	4.40	0.12	18.50	7.84	4.78	0.08
15.95	7.42	4.41	0.12	18.55	7.84	4.79	0.08
16.00	7.43	4.42	0.12	18.60	7.85	4.79	0.08
16.05	7.44	4.43	0.12	18.65	7.86	4.80	0.08
16.10	7.45	4.44	0.12	18.70	7.86	4.80	0.08
16.15	7.46	4.44	0.12	18.75	7.87	4.81	0.08
16.20	7.47	4.45	0.12	18.80	7.88	4.82	0.08
16.25	7.48	4.46	0.12	18.85	7.88	4.82	0.08
16.30	7.49	4.47	0.12	18.90	7.89	4.83	0.08
16.35	7.50	4.48	0.11	18.95	7.90	4.83	0.08
16.40	7.51	4.49	0.11	19.00	7.90	4.84	0.08
16.45	7.52	4.50	0.11	19.05	7.91	4.84	0.08
16.50	7.53	4.50	0.11	19.10	7.92	4.85	0.08
16.55	7.54	4.51	0.11	19.15	7.92	4.86	0.07
16.60	7.55	4.52	0.11	19.20	7.93	4.86	0.07
16.65	7.55	4.53	0.11	19.25	7.93	4.87	0.07
16.70	7.56	4.54	0.11	19.30	7.94	4.87	0.07
16.75	7.57	4.55	0.11	19.35	7.95	4.88	0.07
16.80	7.58	4.55	0.11	19.40	7.95	4.88	0.07
16.85	7.59	4.56	0.11	19.45	7.96	4.89	0.07
16.90	7.60	4.57	0.10	19.50	7.97	4.90	0.07
16.95	7.61	4.58	0.10	19.55	7.97	4.90	0.07
17.00	7.62	4.58	0.10	19.60	7.98	4.91	0.07
17.05	7.63	4.59	0.10	19.65	7.98	4.91	0.07
17.10	7.63	4.60	0.10	19.70	7.99	4.92	0.07
17.15	7.64	4.61	0.10	19.75	8.00	4.92	0.07
17.20	7.65	4.61	0.10	19.80	8.00	4.93	0.07
17.25	7.66	4.62	0.10	19.85	8.01	4.93	0.07
17.30	7.67	4.63	0.10	19.90	8.01	4.94	0.07
17.35	7.67	4.64	0.10	19.95	8.02	4.94	0.07
17.40	7.68	4.64	0.09	20.00	8.03	4.95	0.07
17.45	7.69	4.65	0.09	20.05	8.03	4.96	0.07
17.50	7.70	4.66	0.09	20.10	8.04	4.96	0.07
17.55	7.71	4.66	0.09	20.15	8.04	4.97	0.07
17.60	7.71	4.67	0.09	20.20	8.05	4.97	0.07
17.65	7.72	4.68	0.09	20.25	8.06	4.98	0.07
17.70	7.73	4.68	0.09	20.30	8.06	4.98	0.07
17.75	7.74	4.69	0.09	20.35	8.07	4.99	0.07
17.80	7.74	4.70	0.09	20.40	8.07	4.99	0.07
17.85	7.75	4.70	0.09	20.45	8.08	5.00	0.07
17.90	7.76	4.71	0.09	20.50	8.09	5.00	0.07
17.95	7.76	4.72	0.08	20.55	8.09	5.01	0.07
18.00	7.77	4.72	0.08	20.60	8.10	5.01	0.07
18.05	7.78	4.73	0.08	20.65	8.10	5.02	0.07
18.10	7.78	4.73	0.08	20.70	8.11	5.02	0.07
18.15	7.79	4.74	0.08	20.75	8.11	5.03	0.07

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.07	23.40	8.38	5.27	0.05
20.85	8.13	5.04	0.07	23.45	8.39	5.28	0.05
20.90	8.13	5.04	0.07	23.50	8.39	5.28	0.05
20.95	8.14	5.05	0.07	23.55	8.40	5.28	0.05
21.00	8.14	5.05	0.07	23.60	8.40	5.29	0.05
21.05	8.15	5.06	0.07	23.65	8.41	5.29	0.05
21.10	8.15	5.06	0.07	23.70	8.41	5.30	0.05
21.15	8.16	5.07	0.07	23.75	8.42	5.30	0.05
21.20	8.16	5.07	0.07	23.80	8.42	5.30	0.05
21.25	8.17	5.08	0.06	23.85	8.42	5.31	0.05
21.30	8.18	5.08	0.06	23.90	8.43	5.31	0.05
21.35	8.18	5.09	0.06	23.95	8.43	5.32	0.05
21.40	8.19	5.09	0.06	24.00	8.44	5.32	0.05
21.45	8.19	5.10	0.06	24.05	8.44	5.32	0.06
21.50	8.20	5.10	0.06	24.10	8.44	5.32	0.05
21.55	8.20	5.11	0.06	24.15	8.44	5.32	0.03
21.60	8.21	5.11	0.06	24.20	8.44	5.32	0.01
21.65	8.21	5.12	0.06	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.06	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.06	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.06	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.06	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.06	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.06	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.06	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.06	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.06	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.06	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.06	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.06	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.06	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.06	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.06	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.06	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.06	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.06	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.06	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.06	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.06	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.06	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.06	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.06	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.06	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.06	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.06	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.06	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.06	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.06	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.06	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.06	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.05	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.05	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 36AI: PDA-36A (impervious)

Runoff = 7.44 cfs @ 12.17 hrs, Volume= 0.659 af, Depth= 8.20"
 Routed to Pond B-36A : Basin #36A

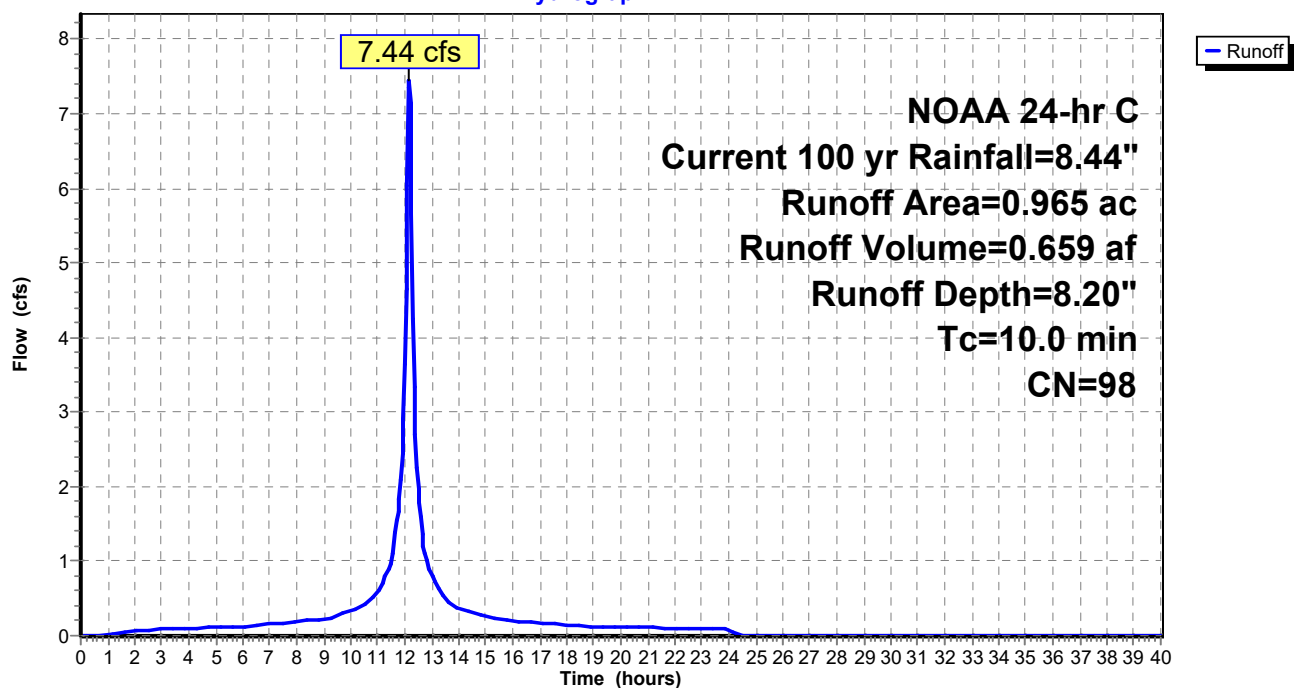
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.132	98	Concrete, HSC C
0.965	98	Weighted Average
0.965		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36AI: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.08
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.08
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.08
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.08
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.09
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.09
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.09
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.09
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.09
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.09
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.09
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.09
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.10
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.10
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.10
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.10
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.10
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.10
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.10
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.10
1.50	0.14	0.03	0.05	4.10	0.43	0.25	0.10
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.10
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.06	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.06	4.40	0.46	0.28	0.11
1.85	0.18	0.05	0.06	4.45	0.47	0.29	0.11
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.11
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.11
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.11
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.11
2.10	0.20	0.07	0.07	4.70	0.50	0.32	0.11
2.15	0.21	0.07	0.07	4.75	0.51	0.32	0.11
2.20	0.21	0.08	0.07	4.80	0.51	0.33	0.11
2.25	0.22	0.08	0.07	4.85	0.52	0.33	0.11
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.11
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.11
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.11
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.11
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.08	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.18
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.18
5.30	0.58	0.39	0.12	7.90	0.99	0.78	0.18
5.35	0.58	0.39	0.12	7.95	1.00	0.79	0.19
5.40	0.59	0.40	0.12	8.00	1.01	0.80	0.19
5.45	0.60	0.41	0.12	8.05	1.02	0.81	0.19
5.50	0.60	0.41	0.12	8.10	1.03	0.82	0.19
5.55	0.61	0.42	0.12	8.15	1.04	0.83	0.19
5.60	0.62	0.42	0.12	8.20	1.05	0.84	0.19
5.65	0.62	0.43	0.12	8.25	1.06	0.85	0.20
5.70	0.63	0.44	0.12	8.30	1.07	0.86	0.20
5.75	0.64	0.44	0.12	8.35	1.08	0.87	0.20
5.80	0.64	0.45	0.12	8.40	1.10	0.88	0.20
5.85	0.65	0.45	0.12	8.45	1.11	0.89	0.20
5.90	0.66	0.46	0.12	8.50	1.12	0.91	0.20
5.95	0.66	0.47	0.12	8.55	1.13	0.92	0.21
6.00	0.67	0.47	0.12	8.60	1.14	0.93	0.21
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.21
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.21
6.15	0.69	0.49	0.13	8.75	1.17	0.96	0.21
6.20	0.70	0.50	0.13	8.80	1.19	0.97	0.22
6.25	0.70	0.51	0.13	8.85	1.20	0.98	0.22
6.30	0.71	0.51	0.13	8.90	1.21	0.99	0.22
6.35	0.72	0.52	0.13	8.95	1.22	1.01	0.22
6.40	0.73	0.53	0.13	9.00	1.23	1.02	0.22
6.45	0.73	0.54	0.14	9.05	1.25	1.03	0.22
6.50	0.74	0.54	0.14	9.10	1.26	1.04	0.23
6.55	0.75	0.55	0.14	9.15	1.27	1.05	0.23
6.60	0.76	0.56	0.14	9.20	1.28	1.07	0.24
6.65	0.77	0.57	0.14	9.25	1.30	1.08	0.24
6.70	0.77	0.57	0.14	9.30	1.31	1.09	0.25
6.75	0.78	0.58	0.15	9.35	1.33	1.11	0.26
6.80	0.79	0.59	0.15	9.40	1.34	1.12	0.26
6.85	0.80	0.60	0.15	9.45	1.35	1.14	0.27
6.90	0.81	0.60	0.15	9.50	1.37	1.15	0.27
6.95	0.81	0.61	0.15	9.55	1.39	1.17	0.28
7.00	0.82	0.62	0.15	9.60	1.40	1.18	0.29
7.05	0.83	0.63	0.16	9.65	1.42	1.20	0.29
7.10	0.84	0.64	0.16	9.70	1.43	1.21	0.30
7.15	0.85	0.65	0.16	9.75	1.45	1.23	0.30
7.20	0.86	0.65	0.16	9.80	1.47	1.25	0.31
7.25	0.87	0.66	0.16	9.85	1.49	1.27	0.32
7.30	0.88	0.67	0.16	9.90	1.50	1.28	0.32
7.35	0.89	0.68	0.17	9.95	1.52	1.30	0.33
7.40	0.89	0.69	0.17	10.00	1.54	1.32	0.34
7.45	0.90	0.70	0.17	10.05	1.56	1.34	0.34
7.50	0.91	0.71	0.17	10.10	1.58	1.36	0.35
7.55	0.92	0.72	0.17	10.15	1.60	1.37	0.35
7.60	0.93	0.73	0.17	10.20	1.62	1.39	0.36
7.65	0.94	0.73	0.18	10.25	1.64	1.41	0.37
7.70	0.95	0.74	0.18	10.30	1.66	1.43	0.37
7.75	0.96	0.75	0.18	10.35	1.68	1.45	0.38

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.38	13.00	6.41	6.18	0.83
10.45	1.72	1.50	0.39	13.05	6.45	6.21	0.79
10.50	1.74	1.52	0.40	13.10	6.48	6.24	0.74
10.55	1.76	1.54	0.40	13.15	6.51	6.27	0.70
10.60	1.79	1.56	0.42	13.20	6.54	6.30	0.66
10.65	1.81	1.59	0.44	13.25	6.57	6.33	0.63
10.70	1.84	1.62	0.46	13.30	6.60	6.36	0.61
10.75	1.87	1.64	0.48	13.35	6.63	6.39	0.58
10.80	1.90	1.67	0.50	13.40	6.65	6.41	0.56
10.85	1.93	1.70	0.53	13.45	6.68	6.44	0.54
10.90	1.96	1.73	0.55	13.50	6.70	6.46	0.51
10.95	1.99	1.77	0.57	13.55	6.72	6.48	0.49
11.00	2.03	1.80	0.60	13.60	6.74	6.50	0.46
11.05	2.06	1.84	0.62	13.65	6.76	6.53	0.44
11.10	2.10	1.87	0.65	13.70	6.78	6.55	0.43
11.15	2.14	1.92	0.69	13.75	6.80	6.57	0.41
11.20	2.19	1.96	0.73	13.80	6.82	6.59	0.40
11.25	2.23	2.01	0.77	13.85	6.84	6.61	0.40
11.30	2.28	2.05	0.82	13.90	6.86	6.62	0.39
11.35	2.33	2.10	0.86	13.95	6.88	6.64	0.38
11.40	2.38	2.16	0.91	14.00	6.90	6.66	0.38
11.45	2.44	2.21	0.95	14.05	6.92	6.68	0.37
11.50	2.49	2.26	0.99	14.10	6.94	6.70	0.37
11.55	2.58	2.35	1.04	14.15	6.95	6.72	0.36
11.60	2.66	2.43	1.18	14.20	6.97	6.73	0.35
11.65	2.75	2.52	1.38	14.25	6.99	6.75	0.35
11.70	2.84	2.61	1.54	14.30	7.01	6.77	0.34
11.75	2.97	2.74	1.66	14.35	7.02	6.78	0.34
11.80	3.09	2.86	1.84	14.40	7.04	6.80	0.33
11.85	3.26	3.03	2.10	14.45	7.05	6.82	0.32
11.90	3.43	3.20	2.45	14.50	7.07	6.83	0.32
11.95	3.73	3.49	2.91	14.55	7.09	6.85	0.31
12.00	4.02	3.79	3.65	14.60	7.10	6.86	0.30
12.05	4.52	4.28	4.65	14.65	7.11	6.88	0.30
12.10	5.01	4.77	6.04	14.70	7.13	6.89	0.29
12.15	5.18	4.94	7.34	14.75	7.14	6.90	0.29
12.20	5.35	5.11	7.14	14.80	7.16	6.92	0.28
12.25	5.47	5.24	5.65	14.85	7.17	6.93	0.27
12.30	5.60	5.36	4.26	14.90	7.18	6.94	0.27
12.35	5.69	5.45	3.34	14.95	7.19	6.96	0.26
12.40	5.78	5.54	2.71	15.00	7.21	6.97	0.26
12.45	5.86	5.62	2.26	15.05	7.22	6.98	0.25
12.50	5.95	5.71	1.97	15.10	7.23	6.99	0.24
12.55	6.00	5.76	1.79	15.15	7.24	7.00	0.24
12.60	6.06	5.82	1.59	15.20	7.25	7.02	0.23
12.65	6.11	5.87	1.36	15.25	7.27	7.03	0.23
12.70	6.16	5.92	1.20	15.30	7.28	7.04	0.23
12.75	6.21	5.97	1.10	15.35	7.29	7.05	0.23
12.80	6.25	6.02	1.03	15.40	7.30	7.06	0.22
12.85	6.30	6.06	0.97	15.45	7.31	7.07	0.22
12.90	6.34	6.10	0.92	15.50	7.32	7.08	0.22
12.95	6.38	6.14	0.88	15.55	7.33	7.09	0.22

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.22	18.20	7.80	7.56	0.13
15.65	7.36	7.12	0.22	18.25	7.80	7.57	0.13
15.70	7.37	7.13	0.21	18.30	7.81	7.57	0.13
15.75	7.38	7.14	0.21	18.35	7.82	7.58	0.13
15.80	7.39	7.15	0.21	18.40	7.82	7.59	0.13
15.85	7.40	7.16	0.21	18.45	7.83	7.59	0.13
15.90	7.41	7.17	0.21	18.50	7.84	7.60	0.13
15.95	7.42	7.18	0.21	18.55	7.84	7.61	0.13
16.00	7.43	7.19	0.20	18.60	7.85	7.61	0.13
16.05	7.44	7.20	0.20	18.65	7.86	7.62	0.13
16.10	7.45	7.21	0.20	18.70	7.86	7.62	0.13
16.15	7.46	7.22	0.20	18.75	7.87	7.63	0.13
16.20	7.47	7.23	0.20	18.80	7.88	7.64	0.13
16.25	7.48	7.24	0.20	18.85	7.88	7.64	0.13
16.30	7.49	7.25	0.19	18.90	7.89	7.65	0.13
16.35	7.50	7.26	0.19	18.95	7.90	7.66	0.13
16.40	7.51	7.27	0.19	19.00	7.90	7.66	0.13
16.45	7.52	7.28	0.19	19.05	7.91	7.67	0.13
16.50	7.53	7.29	0.19	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.19	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.18	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.18	19.25	7.93	7.70	0.12
16.70	7.56	7.32	0.18	19.30	7.94	7.70	0.12
16.75	7.57	7.33	0.18	19.35	7.95	7.71	0.12
16.80	7.58	7.34	0.18	19.40	7.95	7.71	0.12
16.85	7.59	7.35	0.18	19.45	7.96	7.72	0.12
16.90	7.60	7.36	0.17	19.50	7.97	7.73	0.12
16.95	7.61	7.37	0.17	19.55	7.97	7.73	0.12
17.00	7.62	7.38	0.17	19.60	7.98	7.74	0.12
17.05	7.63	7.39	0.17	19.65	7.98	7.74	0.12
17.10	7.63	7.39	0.17	19.70	7.99	7.75	0.12
17.15	7.64	7.40	0.17	19.75	8.00	7.76	0.12
17.20	7.65	7.41	0.17	19.80	8.00	7.76	0.12
17.25	7.66	7.42	0.16	19.85	8.01	7.77	0.12
17.30	7.67	7.43	0.16	19.90	8.01	7.78	0.12
17.35	7.67	7.43	0.16	19.95	8.02	7.78	0.12
17.40	7.68	7.44	0.16	20.00	8.03	7.79	0.12
17.45	7.69	7.45	0.16	20.05	8.03	7.79	0.12
17.50	7.70	7.46	0.16	20.10	8.04	7.80	0.12
17.55	7.71	7.47	0.15	20.15	8.04	7.80	0.12
17.60	7.71	7.47	0.15	20.20	8.05	7.81	0.12
17.65	7.72	7.48	0.15	20.25	8.06	7.82	0.12
17.70	7.73	7.49	0.15	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.15	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.15	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.14	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.14	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.14	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.14	20.60	8.10	7.86	0.11
18.05	7.78	7.54	0.14	20.65	8.10	7.86	0.11
18.10	7.78	7.55	0.14	20.70	8.11	7.87	0.11
18.15	7.79	7.55	0.13	20.75	8.11	7.87	0.11

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.11	23.40	8.38	8.14	0.09
20.85	8.13	7.89	0.11	23.45	8.39	8.15	0.09
20.90	8.13	7.89	0.11	23.50	8.39	8.15	0.09
20.95	8.14	7.90	0.11	23.55	8.40	8.16	0.09
21.00	8.14	7.90	0.11	23.60	8.40	8.16	0.09
21.05	8.15	7.91	0.11	23.65	8.41	8.17	0.09
21.10	8.15	7.91	0.11	23.70	8.41	8.17	0.09
21.15	8.16	7.92	0.11	23.75	8.42	8.18	0.09
21.20	8.16	7.92	0.11	23.80	8.42	8.18	0.09
21.25	8.17	7.93	0.11	23.85	8.42	8.18	0.09
21.30	8.18	7.94	0.11	23.90	8.43	8.19	0.09
21.35	8.18	7.94	0.11	23.95	8.43	8.19	0.09
21.40	8.19	7.95	0.11	24.00	8.44	8.20	0.09
21.45	8.19	7.95	0.11	24.05	8.44	8.20	0.09
21.50	8.20	7.96	0.11	24.10	8.44	8.20	0.08
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.10	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.10	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.10	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.10	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.10	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.10	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.10	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.10	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.10	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.10	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.10	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.10	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.10	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.10	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.10	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.10	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.10	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.09	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.09	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.09	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.09	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 8.24 cfs @ 12.17 hrs, Volume= 0.626 af, Depth= 5.32"
 Routed to Pond B-36A : Basin #36A

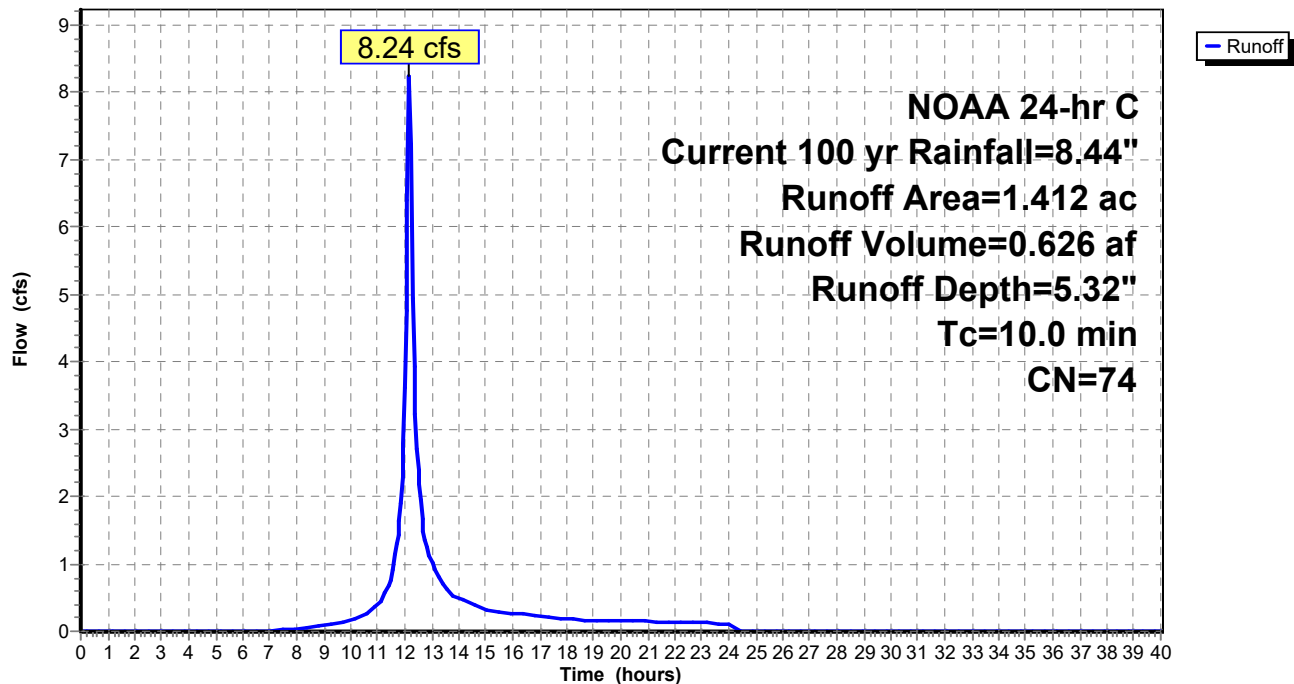
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.412	74	>75% Grass cover, Good, HSG C
1.412		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.10
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.11
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.12
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.12
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.13
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.13
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.14
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.14
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.15
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.15
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.16
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.16
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.17
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.18
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.18
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.19
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.19
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.20
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.21

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.21	13.00	6.41	3.54	1.04
10.45	1.72	0.23	0.22	13.05	6.45	3.57	0.98
10.50	1.74	0.24	0.23	13.10	6.48	3.59	0.93
10.55	1.76	0.25	0.24	13.15	6.51	3.62	0.88
10.60	1.79	0.26	0.25	13.20	6.54	3.65	0.83
10.65	1.81	0.27	0.26	13.25	6.57	3.67	0.80
10.70	1.84	0.28	0.28	13.30	6.60	3.70	0.76
10.75	1.87	0.29	0.30	13.35	6.63	3.72	0.73
10.80	1.90	0.30	0.31	13.40	6.65	3.74	0.70
10.85	1.93	0.32	0.33	13.45	6.68	3.76	0.67
10.90	1.96	0.33	0.35	13.50	6.70	3.78	0.64
10.95	1.99	0.35	0.37	13.55	6.72	3.80	0.62
11.00	2.03	0.36	0.40	13.60	6.74	3.82	0.59
11.05	2.06	0.38	0.42	13.65	6.76	3.84	0.56
11.10	2.10	0.40	0.45	13.70	6.78	3.85	0.54
11.15	2.14	0.42	0.48	13.75	6.80	3.87	0.52
11.20	2.19	0.44	0.52	13.80	6.82	3.89	0.51
11.25	2.23	0.46	0.56	13.85	6.84	3.91	0.50
11.30	2.28	0.49	0.60	13.90	6.86	3.92	0.50
11.35	2.33	0.52	0.64	13.95	6.88	3.94	0.49
11.40	2.38	0.54	0.69	14.00	6.90	3.96	0.48
11.45	2.44	0.57	0.73	14.05	6.92	3.97	0.47
11.50	2.49	0.60	0.78	14.10	6.94	3.99	0.47
11.55	2.58	0.65	0.84	14.15	6.95	4.00	0.46
11.60	2.66	0.70	0.97	14.20	6.97	4.02	0.45
11.65	2.75	0.76	1.15	14.25	6.99	4.03	0.44
11.70	2.84	0.81	1.31	14.30	7.01	4.05	0.44
11.75	2.97	0.89	1.44	14.35	7.02	4.06	0.43
11.80	3.09	0.97	1.64	14.40	7.04	4.08	0.42
11.85	3.26	1.08	1.91	14.45	7.05	4.09	0.41
11.90	3.43	1.19	2.28	14.50	7.07	4.10	0.40
11.95	3.73	1.40	2.79	14.55	7.09	4.12	0.40
12.00	4.02	1.61	3.61	14.60	7.10	4.13	0.39
12.05	4.52	1.98	4.75	14.65	7.11	4.14	0.38
12.10	5.01	2.37	6.40	14.70	7.13	4.15	0.37
12.15	5.18	2.51	8.05	14.75	7.14	4.17	0.37
12.20	5.35	2.65	8.01	14.80	7.16	4.18	0.36
12.25	5.47	2.75	6.46	14.85	7.17	4.19	0.35
12.30	5.60	2.85	4.94	14.90	7.18	4.20	0.34
12.35	5.69	2.92	3.92	14.95	7.19	4.21	0.34
12.40	5.78	3.00	3.22	15.00	7.21	4.22	0.33
12.45	5.86	3.07	2.71	15.05	7.22	4.23	0.32
12.50	5.95	3.14	2.38	15.10	7.23	4.24	0.31
12.55	6.00	3.19	2.18	15.15	7.24	4.25	0.30
12.60	6.06	3.23	1.94	15.20	7.25	4.26	0.30
12.65	6.11	3.28	1.67	15.25	7.27	4.27	0.30
12.70	6.16	3.32	1.47	15.30	7.28	4.28	0.29
12.75	6.21	3.36	1.35	15.35	7.29	4.29	0.29
12.80	6.25	3.40	1.27	15.40	7.30	4.30	0.29
12.85	6.30	3.44	1.21	15.45	7.31	4.31	0.29
12.90	6.34	3.47	1.15	15.50	7.32	4.32	0.28
12.95	6.38	3.50	1.09	15.55	7.33	4.33	0.28

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.28	18.20	7.80	4.75	0.17
15.65	7.36	4.35	0.28	18.25	7.80	4.75	0.17
15.70	7.37	4.36	0.28	18.30	7.81	4.76	0.17
15.75	7.38	4.37	0.27	18.35	7.82	4.76	0.17
15.80	7.39	4.38	0.27	18.40	7.82	4.77	0.17
15.85	7.40	4.39	0.27	18.45	7.83	4.78	0.17
15.90	7.41	4.40	0.27	18.50	7.84	4.78	0.17
15.95	7.42	4.41	0.27	18.55	7.84	4.79	0.17
16.00	7.43	4.42	0.26	18.60	7.85	4.79	0.17
16.05	7.44	4.43	0.26	18.65	7.86	4.80	0.17
16.10	7.45	4.44	0.26	18.70	7.86	4.80	0.17
16.15	7.46	4.44	0.26	18.75	7.87	4.81	0.17
16.20	7.47	4.45	0.26	18.80	7.88	4.82	0.17
16.25	7.48	4.46	0.25	18.85	7.88	4.82	0.17
16.30	7.49	4.47	0.25	18.90	7.89	4.83	0.17
16.35	7.50	4.48	0.25	18.95	7.90	4.83	0.16
16.40	7.51	4.49	0.25	19.00	7.90	4.84	0.16
16.45	7.52	4.50	0.25	19.05	7.91	4.84	0.16
16.50	7.53	4.50	0.24	19.10	7.92	4.85	0.16
16.55	7.54	4.51	0.24	19.15	7.92	4.86	0.16
16.60	7.55	4.52	0.24	19.20	7.93	4.86	0.16
16.65	7.55	4.53	0.24	19.25	7.93	4.87	0.16
16.70	7.56	4.54	0.23	19.30	7.94	4.87	0.16
16.75	7.57	4.55	0.23	19.35	7.95	4.88	0.16
16.80	7.58	4.55	0.23	19.40	7.95	4.88	0.16
16.85	7.59	4.56	0.23	19.45	7.96	4.89	0.16
16.90	7.60	4.57	0.23	19.50	7.97	4.90	0.16
16.95	7.61	4.58	0.22	19.55	7.97	4.90	0.16
17.00	7.62	4.58	0.22	19.60	7.98	4.91	0.16
17.05	7.63	4.59	0.22	19.65	7.98	4.91	0.16
17.10	7.63	4.60	0.22	19.70	7.99	4.92	0.16
17.15	7.64	4.61	0.22	19.75	8.00	4.92	0.16
17.20	7.65	4.61	0.21	19.80	8.00	4.93	0.16
17.25	7.66	4.62	0.21	19.85	8.01	4.93	0.16
17.30	7.67	4.63	0.21	19.90	8.01	4.94	0.16
17.35	7.67	4.64	0.21	19.95	8.02	4.94	0.15
17.40	7.68	4.64	0.21	20.00	8.03	4.95	0.15
17.45	7.69	4.65	0.20	20.05	8.03	4.96	0.15
17.50	7.70	4.66	0.20	20.10	8.04	4.96	0.15
17.55	7.71	4.66	0.20	20.15	8.04	4.97	0.15
17.60	7.71	4.67	0.20	20.20	8.05	4.97	0.15
17.65	7.72	4.68	0.20	20.25	8.06	4.98	0.15
17.70	7.73	4.68	0.19	20.30	8.06	4.98	0.15
17.75	7.74	4.69	0.19	20.35	8.07	4.99	0.15
17.80	7.74	4.70	0.19	20.40	8.07	4.99	0.15
17.85	7.75	4.70	0.19	20.45	8.08	5.00	0.15
17.90	7.76	4.71	0.19	20.50	8.09	5.00	0.15
17.95	7.76	4.72	0.18	20.55	8.09	5.01	0.15
18.00	7.77	4.72	0.18	20.60	8.10	5.01	0.15
18.05	7.78	4.73	0.18	20.65	8.10	5.02	0.15
18.10	7.78	4.73	0.18	20.70	8.11	5.02	0.15
18.15	7.79	4.74	0.17	20.75	8.11	5.03	0.15

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.15	23.40	8.38	5.27	0.12
20.85	8.13	5.04	0.15	23.45	8.39	5.28	0.12
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.12
20.95	8.14	5.05	0.14	23.55	8.40	5.28	0.12
21.00	8.14	5.05	0.14	23.60	8.40	5.29	0.12
21.05	8.15	5.06	0.14	23.65	8.41	5.29	0.12
21.10	8.15	5.06	0.14	23.70	8.41	5.30	0.12
21.15	8.16	5.07	0.14	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.14	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.14	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.14	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.14	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.14	24.00	8.44	5.32	0.12
21.45	8.19	5.10	0.14	24.05	8.44	5.32	0.12
21.50	8.20	5.10	0.14	24.10	8.44	5.32	0.10
21.55	8.20	5.11	0.14	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.14	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.14	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.14	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.14	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.14	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.14	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.13	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.13	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.13	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.13	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.13	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.13	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.13	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.13	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.13	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.13	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.13	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.13	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.13	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.13	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.13	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.13	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.12	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.12	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.12	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.12	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.12	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.12	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.12	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.12	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 8.86 cfs @ 12.17 hrs, Volume= 0.785 af, Depth= 8.20"
 Routed to Pond B-36B : Basin #36B

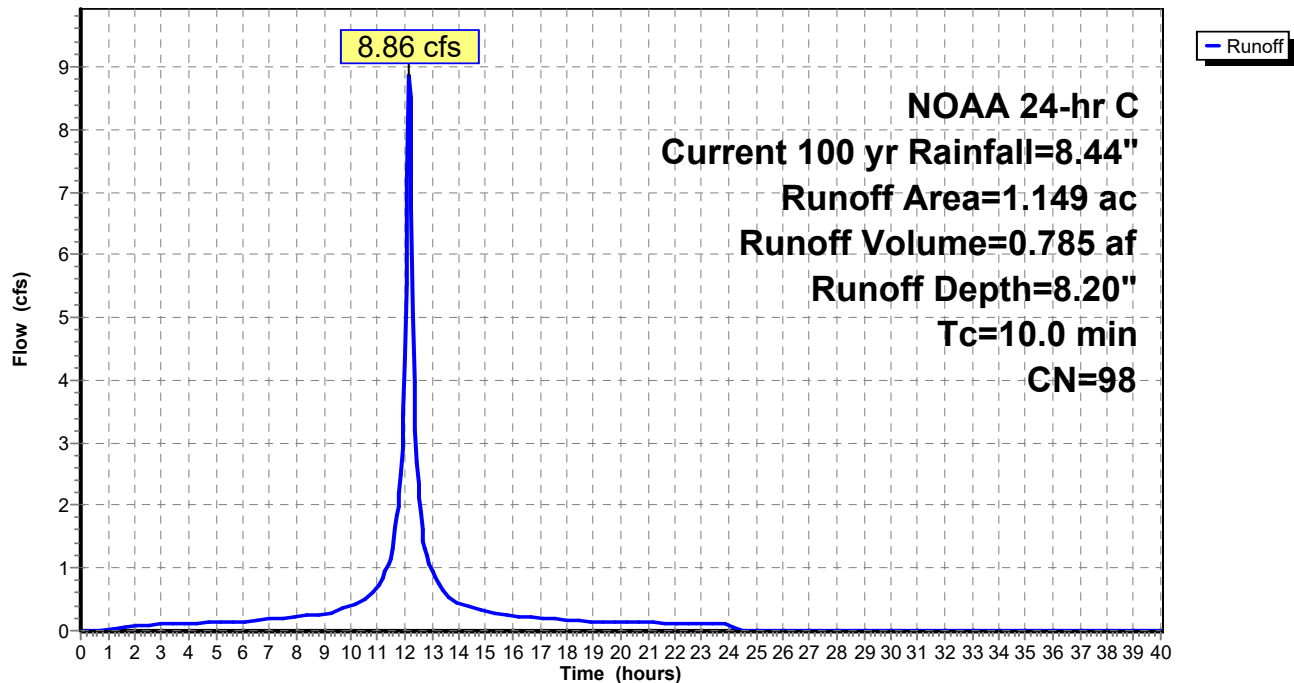
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.09
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.09
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.09
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.09
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.10
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.10
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.10
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.10
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.10
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.10
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.10
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.10
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.10
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.11
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.11
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.11
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.11
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.11
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.11
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.11
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.11
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.11
1.10	0.10	0.01	0.04	3.70	0.38	0.21	0.11
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.11
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.12
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.12
1.30	0.12	0.02	0.05	3.90	0.40	0.23	0.12
1.35	0.13	0.02	0.05	3.95	0.41	0.24	0.12
1.40	0.13	0.03	0.05	4.00	0.41	0.24	0.12
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.12
1.50	0.14	0.03	0.06	4.10	0.43	0.25	0.12
1.55	0.15	0.04	0.06	4.15	0.43	0.26	0.12
1.60	0.15	0.04	0.06	4.20	0.44	0.26	0.12
1.65	0.16	0.04	0.06	4.25	0.44	0.27	0.12
1.70	0.16	0.04	0.06	4.30	0.45	0.27	0.12
1.75	0.17	0.05	0.07	4.35	0.46	0.28	0.12
1.80	0.17	0.05	0.07	4.40	0.46	0.28	0.13
1.85	0.18	0.05	0.07	4.45	0.47	0.29	0.13
1.90	0.18	0.06	0.07	4.50	0.47	0.29	0.13
1.95	0.19	0.06	0.07	4.55	0.48	0.30	0.13
2.00	0.19	0.06	0.07	4.60	0.49	0.31	0.13
2.05	0.20	0.07	0.08	4.65	0.49	0.31	0.13
2.10	0.20	0.07	0.08	4.70	0.50	0.32	0.13
2.15	0.21	0.07	0.08	4.75	0.51	0.32	0.13
2.20	0.21	0.08	0.08	4.80	0.51	0.33	0.13
2.25	0.22	0.08	0.08	4.85	0.52	0.33	0.13
2.30	0.22	0.09	0.08	4.90	0.52	0.34	0.13
2.35	0.23	0.09	0.09	4.95	0.53	0.35	0.13
2.40	0.23	0.09	0.09	5.00	0.54	0.35	0.13
2.45	0.24	0.10	0.09	5.05	0.54	0.36	0.13
2.50	0.24	0.10	0.09	5.10	0.55	0.36	0.13
2.55	0.25	0.10	0.09	5.15	0.56	0.37	0.14

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.14	7.80	0.97	0.76	0.22
5.25	0.57	0.38	0.14	7.85	0.98	0.77	0.22
5.30	0.58	0.39	0.14	7.90	0.99	0.78	0.22
5.35	0.58	0.39	0.14	7.95	1.00	0.79	0.22
5.40	0.59	0.40	0.14	8.00	1.01	0.80	0.22
5.45	0.60	0.41	0.14	8.05	1.02	0.81	0.23
5.50	0.60	0.41	0.14	8.10	1.03	0.82	0.23
5.55	0.61	0.42	0.14	8.15	1.04	0.83	0.23
5.60	0.62	0.42	0.14	8.20	1.05	0.84	0.23
5.65	0.62	0.43	0.14	8.25	1.06	0.85	0.23
5.70	0.63	0.44	0.14	8.30	1.07	0.86	0.24
5.75	0.64	0.44	0.14	8.35	1.08	0.87	0.24
5.80	0.64	0.45	0.14	8.40	1.10	0.88	0.24
5.85	0.65	0.45	0.14	8.45	1.11	0.89	0.24
5.90	0.66	0.46	0.15	8.50	1.12	0.91	0.24
5.95	0.66	0.47	0.15	8.55	1.13	0.92	0.25
6.00	0.67	0.47	0.15	8.60	1.14	0.93	0.25
6.05	0.68	0.48	0.15	8.65	1.15	0.94	0.25
6.10	0.68	0.49	0.15	8.70	1.16	0.95	0.25
6.15	0.69	0.49	0.15	8.75	1.17	0.96	0.25
6.20	0.70	0.50	0.15	8.80	1.19	0.97	0.26
6.25	0.70	0.51	0.15	8.85	1.20	0.98	0.26
6.30	0.71	0.51	0.16	8.90	1.21	0.99	0.26
6.35	0.72	0.52	0.16	8.95	1.22	1.01	0.26
6.40	0.73	0.53	0.16	9.00	1.23	1.02	0.26
6.45	0.73	0.54	0.16	9.05	1.25	1.03	0.27
6.50	0.74	0.54	0.16	9.10	1.26	1.04	0.27
6.55	0.75	0.55	0.17	9.15	1.27	1.05	0.28
6.60	0.76	0.56	0.17	9.20	1.28	1.07	0.28
6.65	0.77	0.57	0.17	9.25	1.30	1.08	0.29
6.70	0.77	0.57	0.17	9.30	1.31	1.09	0.30
6.75	0.78	0.58	0.17	9.35	1.33	1.11	0.30
6.80	0.79	0.59	0.18	9.40	1.34	1.12	0.31
6.85	0.80	0.60	0.18	9.45	1.35	1.14	0.32
6.90	0.81	0.60	0.18	9.50	1.37	1.15	0.33
6.95	0.81	0.61	0.18	9.55	1.39	1.17	0.33
7.00	0.82	0.62	0.18	9.60	1.40	1.18	0.34
7.05	0.83	0.63	0.19	9.65	1.42	1.20	0.35
7.10	0.84	0.64	0.19	9.70	1.43	1.21	0.36
7.15	0.85	0.65	0.19	9.75	1.45	1.23	0.36
7.20	0.86	0.65	0.19	9.80	1.47	1.25	0.37
7.25	0.87	0.66	0.19	9.85	1.49	1.27	0.38
7.30	0.88	0.67	0.20	9.90	1.50	1.28	0.38
7.35	0.89	0.68	0.20	9.95	1.52	1.30	0.39
7.40	0.89	0.69	0.20	10.00	1.54	1.32	0.40
7.45	0.90	0.70	0.20	10.05	1.56	1.34	0.41
7.50	0.91	0.71	0.20	10.10	1.58	1.36	0.41
7.55	0.92	0.72	0.21	10.15	1.60	1.37	0.42
7.60	0.93	0.73	0.21	10.20	1.62	1.39	0.43
7.65	0.94	0.73	0.21	10.25	1.64	1.41	0.44
7.70	0.95	0.74	0.21	10.30	1.66	1.43	0.44
7.75	0.96	0.75	0.21	10.35	1.68	1.45	0.45

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.46	13.00	6.41	6.18	0.99
10.45	1.72	1.50	0.47	13.05	6.45	6.21	0.94
10.50	1.74	1.52	0.47	13.10	6.48	6.24	0.88
10.55	1.76	1.54	0.48	13.15	6.51	6.27	0.83
10.60	1.79	1.56	0.50	13.20	6.54	6.30	0.79
10.65	1.81	1.59	0.52	13.25	6.57	6.33	0.76
10.70	1.84	1.62	0.54	13.30	6.60	6.36	0.72
10.75	1.87	1.64	0.57	13.35	6.63	6.39	0.69
10.80	1.90	1.67	0.60	13.40	6.65	6.41	0.67
10.85	1.93	1.70	0.63	13.45	6.68	6.44	0.64
10.90	1.96	1.73	0.65	13.50	6.70	6.46	0.61
10.95	1.99	1.77	0.68	13.55	6.72	6.48	0.58
11.00	2.03	1.80	0.71	13.60	6.74	6.50	0.55
11.05	2.06	1.84	0.74	13.65	6.76	6.53	0.53
11.10	2.10	1.87	0.78	13.70	6.78	6.55	0.51
11.15	2.14	1.92	0.82	13.75	6.80	6.57	0.49
11.20	2.19	1.96	0.87	13.80	6.82	6.59	0.48
11.25	2.23	2.01	0.92	13.85	6.84	6.61	0.47
11.30	2.28	2.05	0.97	13.90	6.86	6.62	0.47
11.35	2.33	2.10	1.03	13.95	6.88	6.64	0.46
11.40	2.38	2.16	1.08	14.00	6.90	6.66	0.45
11.45	2.44	2.21	1.13	14.05	6.92	6.68	0.44
11.50	2.49	2.26	1.18	14.10	6.94	6.70	0.44
11.55	2.58	2.35	1.24	14.15	6.95	6.72	0.43
11.60	2.66	2.43	1.41	14.20	6.97	6.73	0.42
11.65	2.75	2.52	1.64	14.25	6.99	6.75	0.41
11.70	2.84	2.61	1.83	14.30	7.01	6.77	0.41
11.75	2.97	2.74	1.98	14.35	7.02	6.78	0.40
11.80	3.09	2.86	2.19	14.40	7.04	6.80	0.39
11.85	3.26	3.03	2.50	14.45	7.05	6.82	0.38
11.90	3.43	3.20	2.92	14.50	7.07	6.83	0.38
11.95	3.73	3.49	3.47	14.55	7.09	6.85	0.37
12.00	4.02	3.79	4.34	14.60	7.10	6.86	0.36
12.05	4.52	4.28	5.53	14.65	7.11	6.88	0.36
12.10	5.01	4.77	7.19	14.70	7.13	6.89	0.35
12.15	5.18	4.94	8.74	14.75	7.14	6.90	0.34
12.20	5.35	5.11	8.50	14.80	7.16	6.92	0.33
12.25	5.47	5.24	6.73	14.85	7.17	6.93	0.33
12.30	5.60	5.36	5.07	14.90	7.18	6.94	0.32
12.35	5.69	5.45	3.98	14.95	7.19	6.96	0.31
12.40	5.78	5.54	3.22	15.00	7.21	6.97	0.30
12.45	5.86	5.62	2.69	15.05	7.22	6.98	0.30
12.50	5.95	5.71	2.35	15.10	7.23	6.99	0.29
12.55	6.00	5.76	2.13	15.15	7.24	7.00	0.28
12.60	6.06	5.82	1.89	15.20	7.25	7.02	0.28
12.65	6.11	5.87	1.62	15.25	7.27	7.03	0.27
12.70	6.16	5.92	1.42	15.30	7.28	7.04	0.27
12.75	6.21	5.97	1.31	15.35	7.29	7.05	0.27
12.80	6.25	6.02	1.22	15.40	7.30	7.06	0.27
12.85	6.30	6.06	1.16	15.45	7.31	7.07	0.26
12.90	6.34	6.10	1.10	15.50	7.32	7.08	0.26
12.95	6.38	6.14	1.04	15.55	7.33	7.09	0.26

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.26	18.20	7.80	7.56	0.16
15.65	7.36	7.12	0.26	18.25	7.80	7.57	0.16
15.70	7.37	7.13	0.25	18.30	7.81	7.57	0.16
15.75	7.38	7.14	0.25	18.35	7.82	7.58	0.16
15.80	7.39	7.15	0.25	18.40	7.82	7.59	0.16
15.85	7.40	7.16	0.25	18.45	7.83	7.59	0.15
15.90	7.41	7.17	0.25	18.50	7.84	7.60	0.15
15.95	7.42	7.18	0.24	18.55	7.84	7.61	0.15
16.00	7.43	7.19	0.24	18.60	7.85	7.61	0.15
16.05	7.44	7.20	0.24	18.65	7.86	7.62	0.15
16.10	7.45	7.21	0.24	18.70	7.86	7.62	0.15
16.15	7.46	7.22	0.24	18.75	7.87	7.63	0.15
16.20	7.47	7.23	0.24	18.80	7.88	7.64	0.15
16.25	7.48	7.24	0.23	18.85	7.88	7.64	0.15
16.30	7.49	7.25	0.23	18.90	7.89	7.65	0.15
16.35	7.50	7.26	0.23	18.95	7.90	7.66	0.15
16.40	7.51	7.27	0.23	19.00	7.90	7.66	0.15
16.45	7.52	7.28	0.23	19.05	7.91	7.67	0.15
16.50	7.53	7.29	0.22	19.10	7.92	7.68	0.15
16.55	7.54	7.30	0.22	19.15	7.92	7.68	0.15
16.60	7.55	7.31	0.22	19.20	7.93	7.69	0.15
16.65	7.55	7.32	0.22	19.25	7.93	7.70	0.15
16.70	7.56	7.32	0.22	19.30	7.94	7.70	0.15
16.75	7.57	7.33	0.21	19.35	7.95	7.71	0.15
16.80	7.58	7.34	0.21	19.40	7.95	7.71	0.15
16.85	7.59	7.35	0.21	19.45	7.96	7.72	0.15
16.90	7.60	7.36	0.21	19.50	7.97	7.73	0.14
16.95	7.61	7.37	0.21	19.55	7.97	7.73	0.14
17.00	7.62	7.38	0.20	19.60	7.98	7.74	0.14
17.05	7.63	7.39	0.20	19.65	7.98	7.74	0.14
17.10	7.63	7.39	0.20	19.70	7.99	7.75	0.14
17.15	7.64	7.40	0.20	19.75	8.00	7.76	0.14
17.20	7.65	7.41	0.20	19.80	8.00	7.76	0.14
17.25	7.66	7.42	0.19	19.85	8.01	7.77	0.14
17.30	7.67	7.43	0.19	19.90	8.01	7.78	0.14
17.35	7.67	7.43	0.19	19.95	8.02	7.78	0.14
17.40	7.68	7.44	0.19	20.00	8.03	7.79	0.14
17.45	7.69	7.45	0.19	20.05	8.03	7.79	0.14
17.50	7.70	7.46	0.18	20.10	8.04	7.80	0.14
17.55	7.71	7.47	0.18	20.15	8.04	7.80	0.14
17.60	7.71	7.47	0.18	20.20	8.05	7.81	0.14
17.65	7.72	7.48	0.18	20.25	8.06	7.82	0.14
17.70	7.73	7.49	0.18	20.30	8.06	7.82	0.14
17.75	7.74	7.50	0.18	20.35	8.07	7.83	0.14
17.80	7.74	7.50	0.17	20.40	8.07	7.83	0.14
17.85	7.75	7.51	0.17	20.45	8.08	7.84	0.14
17.90	7.76	7.52	0.17	20.50	8.09	7.85	0.13
17.95	7.76	7.52	0.17	20.55	8.09	7.85	0.13
18.00	7.77	7.53	0.17	20.60	8.10	7.86	0.13
18.05	7.78	7.54	0.16	20.65	8.10	7.86	0.13
18.10	7.78	7.55	0.16	20.70	8.11	7.87	0.13
18.15	7.79	7.55	0.16	20.75	8.11	7.87	0.13

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.13	23.40	8.38	8.14	0.11
20.85	8.13	7.89	0.13	23.45	8.39	8.15	0.11
20.90	8.13	7.89	0.13	23.50	8.39	8.15	0.11
20.95	8.14	7.90	0.13	23.55	8.40	8.16	0.11
21.00	8.14	7.90	0.13	23.60	8.40	8.16	0.10
21.05	8.15	7.91	0.13	23.65	8.41	8.17	0.10
21.10	8.15	7.91	0.13	23.70	8.41	8.17	0.10
21.15	8.16	7.92	0.13	23.75	8.42	8.18	0.10
21.20	8.16	7.92	0.13	23.80	8.42	8.18	0.10
21.25	8.17	7.93	0.13	23.85	8.42	8.18	0.10
21.30	8.18	7.94	0.13	23.90	8.43	8.19	0.10
21.35	8.18	7.94	0.13	23.95	8.43	8.19	0.10
21.40	8.19	7.95	0.13	24.00	8.44	8.20	0.11
21.45	8.19	7.95	0.13	24.05	8.44	8.20	0.11
21.50	8.20	7.96	0.13	24.10	8.44	8.20	0.09
21.55	8.20	7.96	0.12	24.15	8.44	8.20	0.05
21.60	8.21	7.97	0.12	24.20	8.44	8.20	0.03
21.65	8.21	7.97	0.12	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.12	24.30	8.44	8.20	0.01
21.75	8.22	7.98	0.12	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.12	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.12	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.12	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.12	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.12	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.12	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.12	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.12	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.12	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.12	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.12	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.12	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.12	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.12	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.12	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.11	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.11	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.11	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.11	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.11	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.11	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.11	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.11	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.11	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.11	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.11	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.11	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.11	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.11	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.11	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.11	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.11	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 7.71 cfs @ 12.17 hrs, Volume= 0.585 af, Depth= 5.32"
 Routed to Pond B-36B : Basin #36B

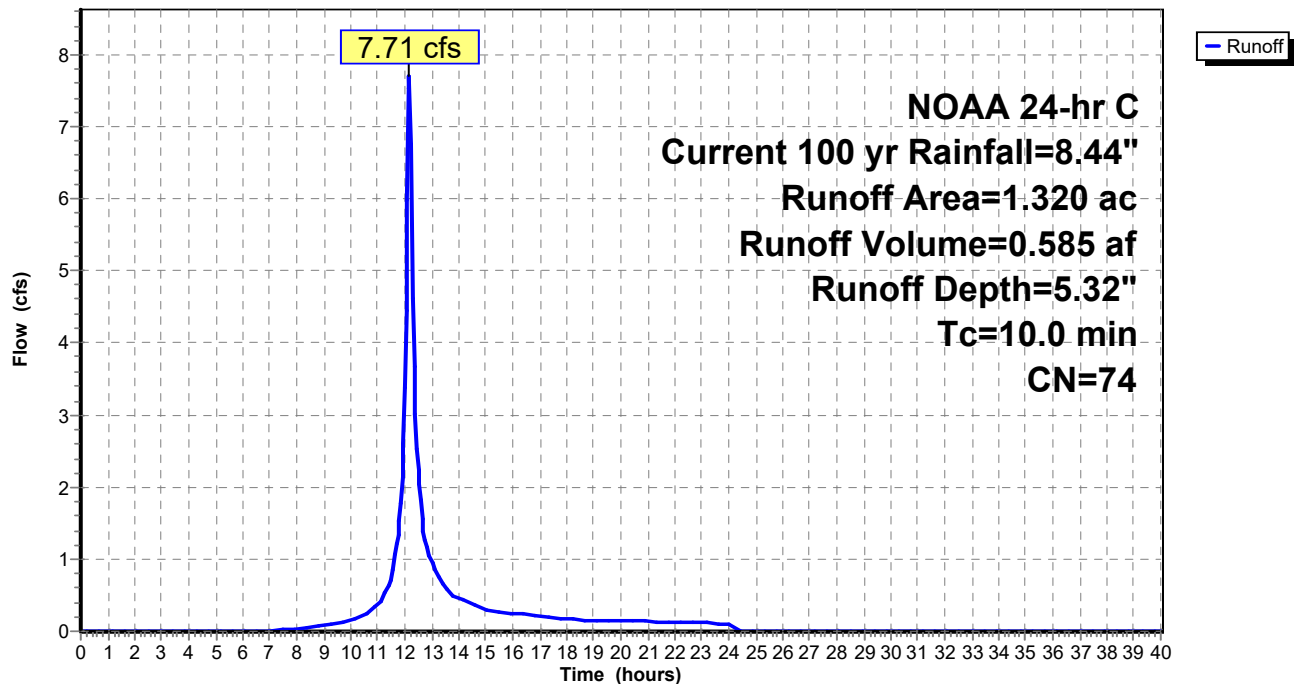
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 36BP: PDA-36B (pervious)

Hydrograph



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.05
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.06
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.06
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.07
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.08
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.09
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.09
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.10
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.11
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.11
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.12
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.12
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.13
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.13
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.14
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.14
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.15
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.15
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.16
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.16
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.17
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.18
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.18
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.19
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.19

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.20	13.00	6.41	3.54	0.97
10.45	1.72	0.23	0.21	13.05	6.45	3.57	0.92
10.50	1.74	0.24	0.21	13.10	6.48	3.59	0.87
10.55	1.76	0.25	0.22	13.15	6.51	3.62	0.82
10.60	1.79	0.26	0.23	13.20	6.54	3.65	0.78
10.65	1.81	0.27	0.24	13.25	6.57	3.67	0.74
10.70	1.84	0.28	0.26	13.30	6.60	3.70	0.71
10.75	1.87	0.29	0.28	13.35	6.63	3.72	0.69
10.80	1.90	0.30	0.29	13.40	6.65	3.74	0.66
10.85	1.93	0.32	0.31	13.45	6.68	3.76	0.63
10.90	1.96	0.33	0.33	13.50	6.70	3.78	0.60
10.95	1.99	0.35	0.35	13.55	6.72	3.80	0.58
11.00	2.03	0.36	0.37	13.60	6.74	3.82	0.55
11.05	2.06	0.38	0.39	13.65	6.76	3.84	0.52
11.10	2.10	0.40	0.42	13.70	6.78	3.85	0.50
11.15	2.14	0.42	0.45	13.75	6.80	3.87	0.49
11.20	2.19	0.44	0.49	13.80	6.82	3.89	0.48
11.25	2.23	0.46	0.52	13.85	6.84	3.91	0.47
11.30	2.28	0.49	0.56	13.90	6.86	3.92	0.46
11.35	2.33	0.52	0.60	13.95	6.88	3.94	0.46
11.40	2.38	0.54	0.64	14.00	6.90	3.96	0.45
11.45	2.44	0.57	0.68	14.05	6.92	3.97	0.44
11.50	2.49	0.60	0.73	14.10	6.94	3.99	0.44
11.55	2.58	0.65	0.78	14.15	6.95	4.00	0.43
11.60	2.66	0.70	0.90	14.20	6.97	4.02	0.42
11.65	2.75	0.76	1.07	14.25	6.99	4.03	0.41
11.70	2.84	0.81	1.22	14.30	7.01	4.05	0.41
11.75	2.97	0.89	1.35	14.35	7.02	4.06	0.40
11.80	3.09	0.97	1.53	14.40	7.04	4.08	0.39
11.85	3.26	1.08	1.78	14.45	7.05	4.09	0.39
11.90	3.43	1.19	2.14	14.50	7.07	4.10	0.38
11.95	3.73	1.40	2.61	14.55	7.09	4.12	0.37
12.00	4.02	1.61	3.37	14.60	7.10	4.13	0.36
12.05	4.52	1.98	4.44	14.65	7.11	4.14	0.36
12.10	5.01	2.37	5.98	14.70	7.13	4.15	0.35
12.15	5.18	2.51	7.53	14.75	7.14	4.17	0.34
12.20	5.35	2.65	7.49	14.80	7.16	4.18	0.33
12.25	5.47	2.75	6.04	14.85	7.17	4.19	0.33
12.30	5.60	2.85	4.61	14.90	7.18	4.20	0.32
12.35	5.69	2.92	3.67	14.95	7.19	4.21	0.31
12.40	5.78	3.00	3.01	15.00	7.21	4.22	0.31
12.45	5.86	3.07	2.53	15.05	7.22	4.23	0.30
12.50	5.95	3.14	2.23	15.10	7.23	4.24	0.29
12.55	6.00	3.19	2.04	15.15	7.24	4.25	0.28
12.60	6.06	3.23	1.81	15.20	7.25	4.26	0.28
12.65	6.11	3.28	1.56	15.25	7.27	4.27	0.28
12.70	6.16	3.32	1.37	15.30	7.28	4.28	0.27
12.75	6.21	3.36	1.26	15.35	7.29	4.29	0.27
12.80	6.25	3.40	1.19	15.40	7.30	4.30	0.27
12.85	6.30	3.44	1.13	15.45	7.31	4.31	0.27
12.90	6.34	3.47	1.07	15.50	7.32	4.32	0.27
12.95	6.38	3.50	1.02	15.55	7.33	4.33	0.26

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.26	18.20	7.80	4.75	0.16
15.65	7.36	4.35	0.26	18.25	7.80	4.75	0.16
15.70	7.37	4.36	0.26	18.30	7.81	4.76	0.16
15.75	7.38	4.37	0.26	18.35	7.82	4.76	0.16
15.80	7.39	4.38	0.25	18.40	7.82	4.77	0.16
15.85	7.40	4.39	0.25	18.45	7.83	4.78	0.16
15.90	7.41	4.40	0.25	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.25	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.25	18.60	7.85	4.79	0.16
16.05	7.44	4.43	0.24	18.65	7.86	4.80	0.16
16.10	7.45	4.44	0.24	18.70	7.86	4.80	0.16
16.15	7.46	4.44	0.24	18.75	7.87	4.81	0.16
16.20	7.47	4.45	0.24	18.80	7.88	4.82	0.16
16.25	7.48	4.46	0.24	18.85	7.88	4.82	0.15
16.30	7.49	4.47	0.24	18.90	7.89	4.83	0.15
16.35	7.50	4.48	0.23	18.95	7.90	4.83	0.15
16.40	7.51	4.49	0.23	19.00	7.90	4.84	0.15
16.45	7.52	4.50	0.23	19.05	7.91	4.84	0.15
16.50	7.53	4.50	0.23	19.10	7.92	4.85	0.15
16.55	7.54	4.51	0.23	19.15	7.92	4.86	0.15
16.60	7.55	4.52	0.22	19.20	7.93	4.86	0.15
16.65	7.55	4.53	0.22	19.25	7.93	4.87	0.15
16.70	7.56	4.54	0.22	19.30	7.94	4.87	0.15
16.75	7.57	4.55	0.22	19.35	7.95	4.88	0.15
16.80	7.58	4.55	0.22	19.40	7.95	4.88	0.15
16.85	7.59	4.56	0.21	19.45	7.96	4.89	0.15
16.90	7.60	4.57	0.21	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.21	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.21	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.21	19.65	7.98	4.91	0.15
17.10	7.63	4.60	0.20	19.70	7.99	4.92	0.15
17.15	7.64	4.61	0.20	19.75	8.00	4.92	0.15
17.20	7.65	4.61	0.20	19.80	8.00	4.93	0.15
17.25	7.66	4.62	0.20	19.85	8.01	4.93	0.15
17.30	7.67	4.63	0.20	19.90	8.01	4.94	0.15
17.35	7.67	4.64	0.19	19.95	8.02	4.94	0.14
17.40	7.68	4.64	0.19	20.00	8.03	4.95	0.14
17.45	7.69	4.65	0.19	20.05	8.03	4.96	0.14
17.50	7.70	4.66	0.19	20.10	8.04	4.96	0.14
17.55	7.71	4.66	0.19	20.15	8.04	4.97	0.14
17.60	7.71	4.67	0.18	20.20	8.05	4.97	0.14
17.65	7.72	4.68	0.18	20.25	8.06	4.98	0.14
17.70	7.73	4.68	0.18	20.30	8.06	4.98	0.14
17.75	7.74	4.69	0.18	20.35	8.07	4.99	0.14
17.80	7.74	4.70	0.18	20.40	8.07	4.99	0.14
17.85	7.75	4.70	0.17	20.45	8.08	5.00	0.14
17.90	7.76	4.71	0.17	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.17	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.17	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.17	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.17	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.16	20.75	8.11	5.03	0.14

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.14	23.40	8.38	5.27	0.11
20.85	8.13	5.04	0.14	23.45	8.39	5.28	0.11
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.13	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.13	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.13	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.13	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.13	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.13	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.13	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.13	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.13	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.13	24.00	8.44	5.32	0.11
21.45	8.19	5.10	0.13	24.05	8.44	5.32	0.11
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.09
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.13	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.13	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.13	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.12	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.12	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.12	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.12	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.12	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.12	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.12	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.12	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.12	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.11	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.11	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.11	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.11	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.11	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.11	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.11	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.11	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.11	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 6.59 cfs @ 12.17 hrs, Volume= 0.584 af, Depth= 8.20"
 Routed to Pond B-37A : Basin #37A

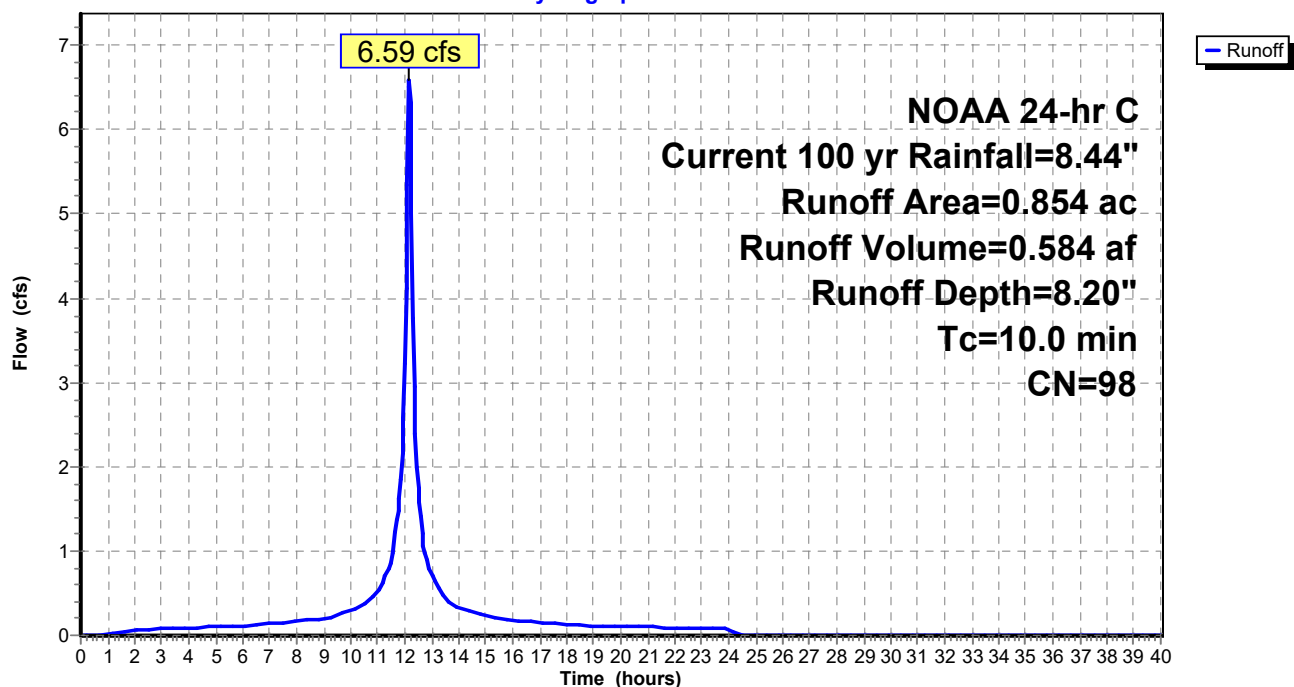
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.07
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.07
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.08
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.08
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.08
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.09
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.09
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.09
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.09
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.09
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.09
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.09
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.10
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.10
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.10
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.10
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.10
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.10
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.10

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.10	7.80	0.97	0.76	0.16
5.25	0.57	0.38	0.10	7.85	0.98	0.77	0.16
5.30	0.58	0.39	0.10	7.90	0.99	0.78	0.16
5.35	0.58	0.39	0.10	7.95	1.00	0.79	0.16
5.40	0.59	0.40	0.10	8.00	1.01	0.80	0.17
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.17
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.17
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.17
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.17
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.17
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.18
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.18
5.80	0.64	0.45	0.11	8.40	1.10	0.88	0.18
5.85	0.65	0.45	0.11	8.45	1.11	0.89	0.18
5.90	0.66	0.46	0.11	8.50	1.12	0.91	0.18
5.95	0.66	0.47	0.11	8.55	1.13	0.92	0.18
6.00	0.67	0.47	0.11	8.60	1.14	0.93	0.18
6.05	0.68	0.48	0.11	8.65	1.15	0.94	0.19
6.10	0.68	0.49	0.11	8.70	1.16	0.95	0.19
6.15	0.69	0.49	0.11	8.75	1.17	0.96	0.19
6.20	0.70	0.50	0.11	8.80	1.19	0.97	0.19
6.25	0.70	0.51	0.11	8.85	1.20	0.98	0.19
6.30	0.71	0.51	0.12	8.90	1.21	0.99	0.19
6.35	0.72	0.52	0.12	8.95	1.22	1.01	0.19
6.40	0.73	0.53	0.12	9.00	1.23	1.02	0.20
6.45	0.73	0.54	0.12	9.05	1.25	1.03	0.20
6.50	0.74	0.54	0.12	9.10	1.26	1.04	0.20
6.55	0.75	0.55	0.12	9.15	1.27	1.05	0.21
6.60	0.76	0.56	0.12	9.20	1.28	1.07	0.21
6.65	0.77	0.57	0.13	9.25	1.30	1.08	0.22
6.70	0.77	0.57	0.13	9.30	1.31	1.09	0.22
6.75	0.78	0.58	0.13	9.35	1.33	1.11	0.23
6.80	0.79	0.59	0.13	9.40	1.34	1.12	0.23
6.85	0.80	0.60	0.13	9.45	1.35	1.14	0.24
6.90	0.81	0.60	0.13	9.50	1.37	1.15	0.24
6.95	0.81	0.61	0.13	9.55	1.39	1.17	0.25
7.00	0.82	0.62	0.14	9.60	1.40	1.18	0.25
7.05	0.83	0.63	0.14	9.65	1.42	1.20	0.26
7.10	0.84	0.64	0.14	9.70	1.43	1.21	0.26
7.15	0.85	0.65	0.14	9.75	1.45	1.23	0.27
7.20	0.86	0.65	0.14	9.80	1.47	1.25	0.27
7.25	0.87	0.66	0.14	9.85	1.49	1.27	0.28
7.30	0.88	0.67	0.15	9.90	1.50	1.28	0.29
7.35	0.89	0.68	0.15	9.95	1.52	1.30	0.29
7.40	0.89	0.69	0.15	10.00	1.54	1.32	0.30
7.45	0.90	0.70	0.15	10.05	1.56	1.34	0.30
7.50	0.91	0.71	0.15	10.10	1.58	1.36	0.31
7.55	0.92	0.72	0.15	10.15	1.60	1.37	0.31
7.60	0.93	0.73	0.15	10.20	1.62	1.39	0.32
7.65	0.94	0.73	0.16	10.25	1.64	1.41	0.32
7.70	0.95	0.74	0.16	10.30	1.66	1.43	0.33
7.75	0.96	0.75	0.16	10.35	1.68	1.45	0.34

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.34	13.00	6.41	6.18	0.74
10.45	1.72	1.50	0.35	13.05	6.45	6.21	0.70
10.50	1.74	1.52	0.35	13.10	6.48	6.24	0.66
10.55	1.76	1.54	0.36	13.15	6.51	6.27	0.62
10.60	1.79	1.56	0.37	13.20	6.54	6.30	0.59
10.65	1.81	1.59	0.39	13.25	6.57	6.33	0.56
10.70	1.84	1.62	0.40	13.30	6.60	6.36	0.54
10.75	1.87	1.64	0.42	13.35	6.63	6.39	0.52
10.80	1.90	1.67	0.44	13.40	6.65	6.41	0.49
10.85	1.93	1.70	0.46	13.45	6.68	6.44	0.47
10.90	1.96	1.73	0.49	13.50	6.70	6.46	0.45
10.95	1.99	1.77	0.51	13.55	6.72	6.48	0.43
11.00	2.03	1.80	0.53	13.60	6.74	6.50	0.41
11.05	2.06	1.84	0.55	13.65	6.76	6.53	0.39
11.10	2.10	1.87	0.58	13.70	6.78	6.55	0.38
11.15	2.14	1.92	0.61	13.75	6.80	6.57	0.37
11.20	2.19	1.96	0.65	13.80	6.82	6.59	0.36
11.25	2.23	2.01	0.68	13.85	6.84	6.61	0.35
11.30	2.28	2.05	0.72	13.90	6.86	6.62	0.35
11.35	2.33	2.10	0.76	13.95	6.88	6.64	0.34
11.40	2.38	2.16	0.80	14.00	6.90	6.66	0.33
11.45	2.44	2.21	0.84	14.05	6.92	6.68	0.33
11.50	2.49	2.26	0.88	14.10	6.94	6.70	0.32
11.55	2.58	2.35	0.92	14.15	6.95	6.72	0.32
11.60	2.66	2.43	1.05	14.20	6.97	6.73	0.31
11.65	2.75	2.52	1.22	14.25	6.99	6.75	0.31
11.70	2.84	2.61	1.36	14.30	7.01	6.77	0.30
11.75	2.97	2.74	1.47	14.35	7.02	6.78	0.30
11.80	3.09	2.86	1.63	14.40	7.04	6.80	0.29
11.85	3.26	3.03	1.86	14.45	7.05	6.82	0.29
11.90	3.43	3.20	2.17	14.50	7.07	6.83	0.28
11.95	3.73	3.49	2.58	14.55	7.09	6.85	0.28
12.00	4.02	3.79	3.23	14.60	7.10	6.86	0.27
12.05	4.52	4.28	4.11	14.65	7.11	6.88	0.26
12.10	5.01	4.77	5.34	14.70	7.13	6.89	0.26
12.15	5.18	4.94	6.50	14.75	7.14	6.90	0.25
12.20	5.35	5.11	6.32	14.80	7.16	6.92	0.25
12.25	5.47	5.24	5.00	14.85	7.17	6.93	0.24
12.30	5.60	5.36	3.77	14.90	7.18	6.94	0.24
12.35	5.69	5.45	2.96	14.95	7.19	6.96	0.23
12.40	5.78	5.54	2.40	15.00	7.21	6.97	0.23
12.45	5.86	5.62	2.00	15.05	7.22	6.98	0.22
12.50	5.95	5.71	1.75	15.10	7.23	6.99	0.21
12.55	6.00	5.76	1.59	15.15	7.24	7.00	0.21
12.60	6.06	5.82	1.41	15.20	7.25	7.02	0.21
12.65	6.11	5.87	1.21	15.25	7.27	7.03	0.20
12.70	6.16	5.92	1.06	15.30	7.28	7.04	0.20
12.75	6.21	5.97	0.97	15.35	7.29	7.05	0.20
12.80	6.25	6.02	0.91	15.40	7.30	7.06	0.20
12.85	6.30	6.06	0.86	15.45	7.31	7.07	0.20
12.90	6.34	6.10	0.82	15.50	7.32	7.08	0.20
12.95	6.38	6.14	0.78	15.55	7.33	7.09	0.19

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.19	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.19	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.19	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.19	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.19	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.18	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.18	18.50	7.84	7.60	0.11
15.95	7.42	7.18	0.18	18.55	7.84	7.61	0.11
16.00	7.43	7.19	0.18	18.60	7.85	7.61	0.11
16.05	7.44	7.20	0.18	18.65	7.86	7.62	0.11
16.10	7.45	7.21	0.18	18.70	7.86	7.62	0.11
16.15	7.46	7.22	0.18	18.75	7.87	7.63	0.11
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.11
16.25	7.48	7.24	0.17	18.85	7.88	7.64	0.11
16.30	7.49	7.25	0.17	18.90	7.89	7.65	0.11
16.35	7.50	7.26	0.17	18.95	7.90	7.66	0.11
16.40	7.51	7.27	0.17	19.00	7.90	7.66	0.11
16.45	7.52	7.28	0.17	19.05	7.91	7.67	0.11
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.11
16.55	7.54	7.30	0.16	19.15	7.92	7.68	0.11
16.60	7.55	7.31	0.16	19.20	7.93	7.69	0.11
16.65	7.55	7.32	0.16	19.25	7.93	7.70	0.11
16.70	7.56	7.32	0.16	19.30	7.94	7.70	0.11
16.75	7.57	7.33	0.16	19.35	7.95	7.71	0.11
16.80	7.58	7.34	0.16	19.40	7.95	7.71	0.11
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.15	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.15	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.15	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.15	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.15	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.15	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.14	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.14	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.14	19.95	8.02	7.78	0.10
17.40	7.68	7.44	0.14	20.00	8.03	7.79	0.10
17.45	7.69	7.45	0.14	20.05	8.03	7.79	0.10
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.10
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.10
17.60	7.71	7.47	0.13	20.20	8.05	7.81	0.10
17.65	7.72	7.48	0.13	20.25	8.06	7.82	0.10
17.70	7.73	7.49	0.13	20.30	8.06	7.82	0.10
17.75	7.74	7.50	0.13	20.35	8.07	7.83	0.10
17.80	7.74	7.50	0.13	20.40	8.07	7.83	0.10
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.10
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.10
17.95	7.76	7.52	0.12	20.55	8.09	7.85	0.10
18.00	7.77	7.53	0.12	20.60	8.10	7.86	0.10
18.05	7.78	7.54	0.12	20.65	8.10	7.86	0.10
18.10	7.78	7.55	0.12	20.70	8.11	7.87	0.10
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.09	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.09	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.09	24.10	8.44	8.20	0.07
21.55	8.20	7.96	0.09	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.09	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.09	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.09	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.09	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.09	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.09	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.09	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.09	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.08	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.08	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.08	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.08	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.08	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 7.59 cfs @ 12.17 hrs, Volume= 0.576 af, Depth= 5.32"
 Routed to Pond B-37A : Basin #37A

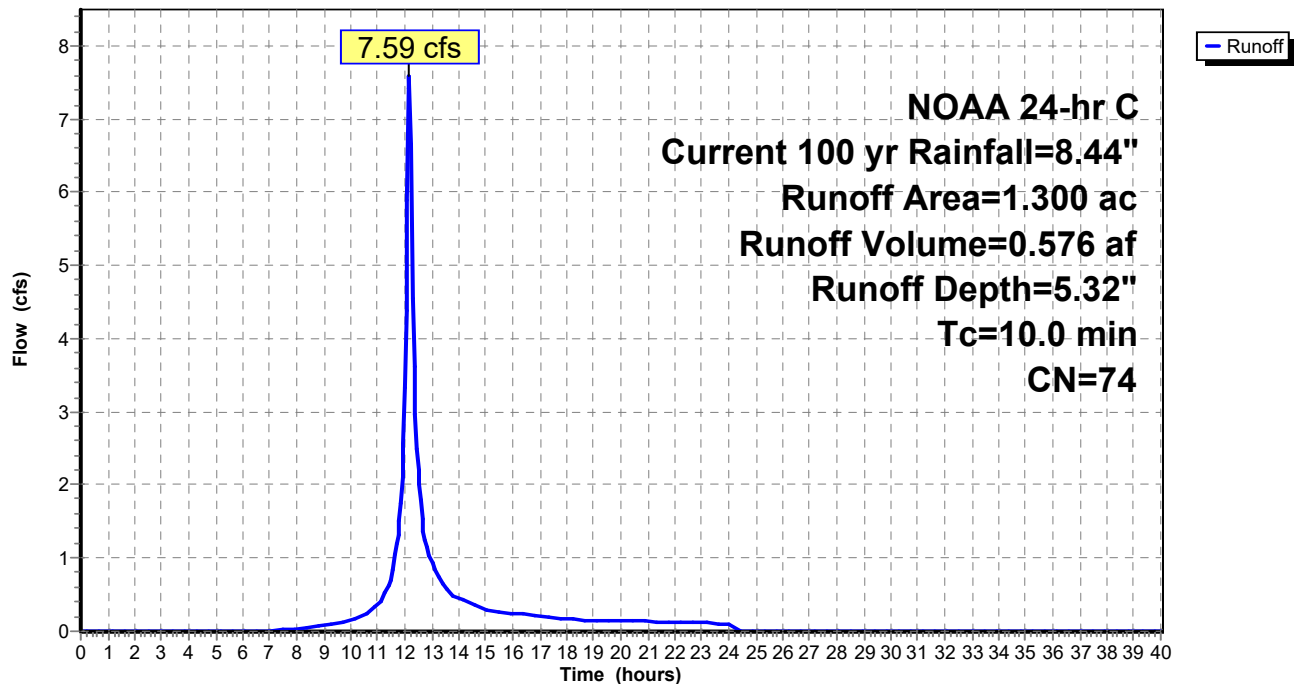
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.04
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.05
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.05
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.06
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.06
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.07
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.08
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.08
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.09
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.09
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.10
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.10
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.11
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.11
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.12
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.12
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.13
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.13
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.14
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.14
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.15
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.15
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.16
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.16
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.17
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.17
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.18
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.19
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.19

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.20	13.00	6.41	3.54	0.95
10.45	1.72	0.23	0.20	13.05	6.45	3.57	0.90
10.50	1.74	0.24	0.21	13.10	6.48	3.59	0.85
10.55	1.76	0.25	0.22	13.15	6.51	3.62	0.81
10.60	1.79	0.26	0.23	13.20	6.54	3.65	0.77
10.65	1.81	0.27	0.24	13.25	6.57	3.67	0.73
10.70	1.84	0.28	0.26	13.30	6.60	3.70	0.70
10.75	1.87	0.29	0.27	13.35	6.63	3.72	0.67
10.80	1.90	0.30	0.29	13.40	6.65	3.74	0.65
10.85	1.93	0.32	0.31	13.45	6.68	3.76	0.62
10.90	1.96	0.33	0.33	13.50	6.70	3.78	0.59
10.95	1.99	0.35	0.35	13.55	6.72	3.80	0.57
11.00	2.03	0.36	0.37	13.60	6.74	3.82	0.54
11.05	2.06	0.38	0.39	13.65	6.76	3.84	0.51
11.10	2.10	0.40	0.41	13.70	6.78	3.85	0.50
11.15	2.14	0.42	0.44	13.75	6.80	3.87	0.48
11.20	2.19	0.44	0.48	13.80	6.82	3.89	0.47
11.25	2.23	0.46	0.51	13.85	6.84	3.91	0.46
11.30	2.28	0.49	0.55	13.90	6.86	3.92	0.46
11.35	2.33	0.52	0.59	13.95	6.88	3.94	0.45
11.40	2.38	0.54	0.63	14.00	6.90	3.96	0.44
11.45	2.44	0.57	0.67	14.05	6.92	3.97	0.44
11.50	2.49	0.60	0.72	14.10	6.94	3.99	0.43
11.55	2.58	0.65	0.77	14.15	6.95	4.00	0.42
11.60	2.66	0.70	0.89	14.20	6.97	4.02	0.41
11.65	2.75	0.76	1.06	14.25	6.99	4.03	0.41
11.70	2.84	0.81	1.20	14.30	7.01	4.05	0.40
11.75	2.97	0.89	1.33	14.35	7.02	4.06	0.39
11.80	3.09	0.97	1.51	14.40	7.04	4.08	0.39
11.85	3.26	1.08	1.76	14.45	7.05	4.09	0.38
11.90	3.43	1.19	2.10	14.50	7.07	4.10	0.37
11.95	3.73	1.40	2.57	14.55	7.09	4.12	0.37
12.00	4.02	1.61	3.32	14.60	7.10	4.13	0.36
12.05	4.52	1.98	4.37	14.65	7.11	4.14	0.35
12.10	5.01	2.37	5.89	14.70	7.13	4.15	0.34
12.15	5.18	2.51	7.41	14.75	7.14	4.17	0.34
12.20	5.35	2.65	7.37	14.80	7.16	4.18	0.33
12.25	5.47	2.75	5.94	14.85	7.17	4.19	0.32
12.30	5.60	2.85	4.55	14.90	7.18	4.20	0.32
12.35	5.69	2.92	3.61	14.95	7.19	4.21	0.31
12.40	5.78	3.00	2.96	15.00	7.21	4.22	0.30
12.45	5.86	3.07	2.49	15.05	7.22	4.23	0.29
12.50	5.95	3.14	2.19	15.10	7.23	4.24	0.29
12.55	6.00	3.19	2.01	15.15	7.24	4.25	0.28
12.60	6.06	3.23	1.79	15.20	7.25	4.26	0.28
12.65	6.11	3.28	1.54	15.25	7.27	4.27	0.27
12.70	6.16	3.32	1.35	15.30	7.28	4.28	0.27
12.75	6.21	3.36	1.25	15.35	7.29	4.29	0.27
12.80	6.25	3.40	1.17	15.40	7.30	4.30	0.26
12.85	6.30	3.44	1.11	15.45	7.31	4.31	0.26
12.90	6.34	3.47	1.06	15.50	7.32	4.32	0.26
12.95	6.38	3.50	1.00	15.55	7.33	4.33	0.26

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.26	18.20	7.80	4.75	0.16
15.65	7.36	4.35	0.26	18.25	7.80	4.75	0.16
15.70	7.37	4.36	0.25	18.30	7.81	4.76	0.16
15.75	7.38	4.37	0.25	18.35	7.82	4.76	0.16
15.80	7.39	4.38	0.25	18.40	7.82	4.77	0.16
15.85	7.40	4.39	0.25	18.45	7.83	4.78	0.16
15.90	7.41	4.40	0.25	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.24	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.24	18.60	7.85	4.79	0.15
16.05	7.44	4.43	0.24	18.65	7.86	4.80	0.15
16.10	7.45	4.44	0.24	18.70	7.86	4.80	0.15
16.15	7.46	4.44	0.24	18.75	7.87	4.81	0.15
16.20	7.47	4.45	0.24	18.80	7.88	4.82	0.15
16.25	7.48	4.46	0.23	18.85	7.88	4.82	0.15
16.30	7.49	4.47	0.23	18.90	7.89	4.83	0.15
16.35	7.50	4.48	0.23	18.95	7.90	4.83	0.15
16.40	7.51	4.49	0.23	19.00	7.90	4.84	0.15
16.45	7.52	4.50	0.23	19.05	7.91	4.84	0.15
16.50	7.53	4.50	0.22	19.10	7.92	4.85	0.15
16.55	7.54	4.51	0.22	19.15	7.92	4.86	0.15
16.60	7.55	4.52	0.22	19.20	7.93	4.86	0.15
16.65	7.55	4.53	0.22	19.25	7.93	4.87	0.15
16.70	7.56	4.54	0.22	19.30	7.94	4.87	0.15
16.75	7.57	4.55	0.21	19.35	7.95	4.88	0.15
16.80	7.58	4.55	0.21	19.40	7.95	4.88	0.15
16.85	7.59	4.56	0.21	19.45	7.96	4.89	0.15
16.90	7.60	4.57	0.21	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.21	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.20	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.20	19.65	7.98	4.91	0.14
17.10	7.63	4.60	0.20	19.70	7.99	4.92	0.14
17.15	7.64	4.61	0.20	19.75	8.00	4.92	0.14
17.20	7.65	4.61	0.20	19.80	8.00	4.93	0.14
17.25	7.66	4.62	0.20	19.85	8.01	4.93	0.14
17.30	7.67	4.63	0.19	19.90	8.01	4.94	0.14
17.35	7.67	4.64	0.19	19.95	8.02	4.94	0.14
17.40	7.68	4.64	0.19	20.00	8.03	4.95	0.14
17.45	7.69	4.65	0.19	20.05	8.03	4.96	0.14
17.50	7.70	4.66	0.19	20.10	8.04	4.96	0.14
17.55	7.71	4.66	0.18	20.15	8.04	4.97	0.14
17.60	7.71	4.67	0.18	20.20	8.05	4.97	0.14
17.65	7.72	4.68	0.18	20.25	8.06	4.98	0.14
17.70	7.73	4.68	0.18	20.30	8.06	4.98	0.14
17.75	7.74	4.69	0.18	20.35	8.07	4.99	0.14
17.80	7.74	4.70	0.17	20.40	8.07	4.99	0.14
17.85	7.75	4.70	0.17	20.45	8.08	5.00	0.14
17.90	7.76	4.71	0.17	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.17	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.17	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.16	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.16	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.16	20.75	8.11	5.03	0.13

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.13	23.40	8.38	5.27	0.11
20.85	8.13	5.04	0.13	23.45	8.39	5.28	0.11
20.90	8.13	5.04	0.13	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.13	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.13	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.13	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.13	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.13	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.13	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.13	23.85	8.42	5.31	0.10
21.30	8.18	5.08	0.13	23.90	8.43	5.31	0.10
21.35	8.18	5.09	0.13	23.95	8.43	5.32	0.10
21.40	8.19	5.09	0.13	24.00	8.44	5.32	0.11
21.45	8.19	5.10	0.13	24.05	8.44	5.32	0.11
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.09
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.05
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.12	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.12	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.12	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.12	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.12	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.12	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.12	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.12	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.12	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.12	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.12	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.12	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.12	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.12	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.11	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.11	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.11	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.11	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.11	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.11	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.11	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.11	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.11	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.11	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.11	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.11	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 8.98 cfs @ 12.17 hrs, Volume= 0.795 af, Depth= 8.20"
 Routed to Pond B-37B : Basin #37B

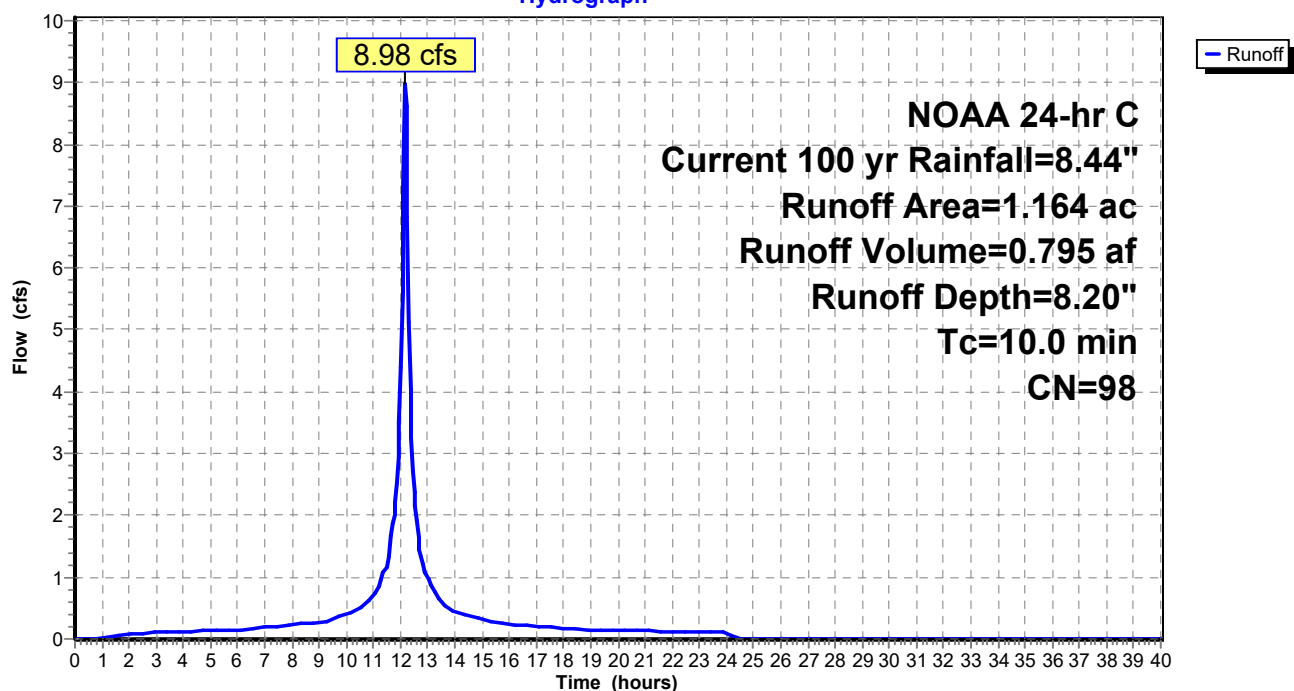
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.09
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.09
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.09
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.10
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.10
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.10
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.10
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.10
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.10
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.10
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.10
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.10
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.11
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.11
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.11
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.11
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.11
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.11
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.11
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.11
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.11
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.11
1.10	0.10	0.01	0.04	3.70	0.38	0.21	0.12
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.12
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.12
1.25	0.12	0.02	0.05	3.85	0.40	0.22	0.12
1.30	0.12	0.02	0.05	3.90	0.40	0.23	0.12
1.35	0.13	0.02	0.05	3.95	0.41	0.24	0.12
1.40	0.13	0.03	0.05	4.00	0.41	0.24	0.12
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.12
1.50	0.14	0.03	0.06	4.10	0.43	0.25	0.12
1.55	0.15	0.04	0.06	4.15	0.43	0.26	0.12
1.60	0.15	0.04	0.06	4.20	0.44	0.26	0.12
1.65	0.16	0.04	0.06	4.25	0.44	0.27	0.12
1.70	0.16	0.04	0.07	4.30	0.45	0.27	0.13
1.75	0.17	0.05	0.07	4.35	0.46	0.28	0.13
1.80	0.17	0.05	0.07	4.40	0.46	0.28	0.13
1.85	0.18	0.05	0.07	4.45	0.47	0.29	0.13
1.90	0.18	0.06	0.07	4.50	0.47	0.29	0.13
1.95	0.19	0.06	0.07	4.55	0.48	0.30	0.13
2.00	0.19	0.06	0.08	4.60	0.49	0.31	0.13
2.05	0.20	0.07	0.08	4.65	0.49	0.31	0.13
2.10	0.20	0.07	0.08	4.70	0.50	0.32	0.13
2.15	0.21	0.07	0.08	4.75	0.51	0.32	0.13
2.20	0.21	0.08	0.08	4.80	0.51	0.33	0.13
2.25	0.22	0.08	0.08	4.85	0.52	0.33	0.13
2.30	0.22	0.09	0.08	4.90	0.52	0.34	0.13
2.35	0.23	0.09	0.09	4.95	0.53	0.35	0.13
2.40	0.23	0.09	0.09	5.00	0.54	0.35	0.14
2.45	0.24	0.10	0.09	5.05	0.54	0.36	0.14
2.50	0.24	0.10	0.09	5.10	0.55	0.36	0.14
2.55	0.25	0.10	0.09	5.15	0.56	0.37	0.14

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.14	7.80	0.97	0.76	0.22
5.25	0.57	0.38	0.14	7.85	0.98	0.77	0.22
5.30	0.58	0.39	0.14	7.90	0.99	0.78	0.22
5.35	0.58	0.39	0.14	7.95	1.00	0.79	0.22
5.40	0.59	0.40	0.14	8.00	1.01	0.80	0.23
5.45	0.60	0.41	0.14	8.05	1.02	0.81	0.23
5.50	0.60	0.41	0.14	8.10	1.03	0.82	0.23
5.55	0.61	0.42	0.14	8.15	1.04	0.83	0.23
5.60	0.62	0.42	0.14	8.20	1.05	0.84	0.23
5.65	0.62	0.43	0.14	8.25	1.06	0.85	0.24
5.70	0.63	0.44	0.14	8.30	1.07	0.86	0.24
5.75	0.64	0.44	0.15	8.35	1.08	0.87	0.24
5.80	0.64	0.45	0.15	8.40	1.10	0.88	0.24
5.85	0.65	0.45	0.15	8.45	1.11	0.89	0.24
5.90	0.66	0.46	0.15	8.50	1.12	0.91	0.25
5.95	0.66	0.47	0.15	8.55	1.13	0.92	0.25
6.00	0.67	0.47	0.15	8.60	1.14	0.93	0.25
6.05	0.68	0.48	0.15	8.65	1.15	0.94	0.25
6.10	0.68	0.49	0.15	8.70	1.16	0.95	0.26
6.15	0.69	0.49	0.15	8.75	1.17	0.96	0.26
6.20	0.70	0.50	0.15	8.80	1.19	0.97	0.26
6.25	0.70	0.51	0.16	8.85	1.20	0.98	0.26
6.30	0.71	0.51	0.16	8.90	1.21	0.99	0.26
6.35	0.72	0.52	0.16	8.95	1.22	1.01	0.27
6.40	0.73	0.53	0.16	9.00	1.23	1.02	0.27
6.45	0.73	0.54	0.16	9.05	1.25	1.03	0.27
6.50	0.74	0.54	0.17	9.10	1.26	1.04	0.27
6.55	0.75	0.55	0.17	9.15	1.27	1.05	0.28
6.60	0.76	0.56	0.17	9.20	1.28	1.07	0.29
6.65	0.77	0.57	0.17	9.25	1.30	1.08	0.29
6.70	0.77	0.57	0.17	9.30	1.31	1.09	0.30
6.75	0.78	0.58	0.18	9.35	1.33	1.11	0.31
6.80	0.79	0.59	0.18	9.40	1.34	1.12	0.32
6.85	0.80	0.60	0.18	9.45	1.35	1.14	0.32
6.90	0.81	0.60	0.18	9.50	1.37	1.15	0.33
6.95	0.81	0.61	0.18	9.55	1.39	1.17	0.34
7.00	0.82	0.62	0.19	9.60	1.40	1.18	0.34
7.05	0.83	0.63	0.19	9.65	1.42	1.20	0.35
7.10	0.84	0.64	0.19	9.70	1.43	1.21	0.36
7.15	0.85	0.65	0.19	9.75	1.45	1.23	0.37
7.20	0.86	0.65	0.19	9.80	1.47	1.25	0.37
7.25	0.87	0.66	0.20	9.85	1.49	1.27	0.38
7.30	0.88	0.67	0.20	9.90	1.50	1.28	0.39
7.35	0.89	0.68	0.20	9.95	1.52	1.30	0.40
7.40	0.89	0.69	0.20	10.00	1.54	1.32	0.40
7.45	0.90	0.70	0.20	10.05	1.56	1.34	0.41
7.50	0.91	0.71	0.21	10.10	1.58	1.36	0.42
7.55	0.92	0.72	0.21	10.15	1.60	1.37	0.43
7.60	0.93	0.73	0.21	10.20	1.62	1.39	0.43
7.65	0.94	0.73	0.21	10.25	1.64	1.41	0.44
7.70	0.95	0.74	0.21	10.30	1.66	1.43	0.45
7.75	0.96	0.75	0.22	10.35	1.68	1.45	0.46

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.46	13.00	6.41	6.18	1.00
10.45	1.72	1.50	0.47	13.05	6.45	6.21	0.95
10.50	1.74	1.52	0.48	13.10	6.48	6.24	0.90
10.55	1.76	1.54	0.49	13.15	6.51	6.27	0.84
10.60	1.79	1.56	0.50	13.20	6.54	6.30	0.80
10.65	1.81	1.59	0.53	13.25	6.57	6.33	0.77
10.70	1.84	1.62	0.55	13.30	6.60	6.36	0.73
10.75	1.87	1.64	0.58	13.35	6.63	6.39	0.70
10.80	1.90	1.67	0.61	13.40	6.65	6.41	0.67
10.85	1.93	1.70	0.63	13.45	6.68	6.44	0.65
10.90	1.96	1.73	0.66	13.50	6.70	6.46	0.62
10.95	1.99	1.77	0.69	13.55	6.72	6.48	0.59
11.00	2.03	1.80	0.72	13.60	6.74	6.50	0.56
11.05	2.06	1.84	0.75	13.65	6.76	6.53	0.53
11.10	2.10	1.87	0.79	13.70	6.78	6.55	0.51
11.15	2.14	1.92	0.83	13.75	6.80	6.57	0.50
11.20	2.19	1.96	0.88	13.80	6.82	6.59	0.49
11.25	2.23	2.01	0.93	13.85	6.84	6.61	0.48
11.30	2.28	2.05	0.99	13.90	6.86	6.62	0.47
11.35	2.33	2.10	1.04	13.95	6.88	6.64	0.46
11.40	2.38	2.16	1.09	14.00	6.90	6.66	0.46
11.45	2.44	2.21	1.14	14.05	6.92	6.68	0.45
11.50	2.49	2.26	1.19	14.10	6.94	6.70	0.44
11.55	2.58	2.35	1.26	14.15	6.95	6.72	0.43
11.60	2.66	2.43	1.43	14.20	6.97	6.73	0.43
11.65	2.75	2.52	1.67	14.25	6.99	6.75	0.42
11.70	2.84	2.61	1.86	14.30	7.01	6.77	0.41
11.75	2.97	2.74	2.00	14.35	7.02	6.78	0.40
11.80	3.09	2.86	2.22	14.40	7.04	6.80	0.40
11.85	3.26	3.03	2.53	14.45	7.05	6.82	0.39
11.90	3.43	3.20	2.96	14.50	7.07	6.83	0.38
11.95	3.73	3.49	3.51	14.55	7.09	6.85	0.37
12.00	4.02	3.79	4.40	14.60	7.10	6.86	0.37
12.05	4.52	4.28	5.61	14.65	7.11	6.88	0.36
12.10	5.01	4.77	7.28	14.70	7.13	6.89	0.35
12.15	5.18	4.94	8.86	14.75	7.14	6.90	0.34
12.20	5.35	5.11	8.61	14.80	7.16	6.92	0.34
12.25	5.47	5.24	6.82	14.85	7.17	6.93	0.33
12.30	5.60	5.36	5.14	14.90	7.18	6.94	0.32
12.35	5.69	5.45	4.03	14.95	7.19	6.96	0.32
12.40	5.78	5.54	3.26	15.00	7.21	6.97	0.31
12.45	5.86	5.62	2.72	15.05	7.22	6.98	0.30
12.50	5.95	5.71	2.38	15.10	7.23	6.99	0.29
12.55	6.00	5.76	2.16	15.15	7.24	7.00	0.29
12.60	6.06	5.82	1.92	15.20	7.25	7.02	0.28
12.65	6.11	5.87	1.64	15.25	7.27	7.03	0.28
12.70	6.16	5.92	1.44	15.30	7.28	7.04	0.27
12.75	6.21	5.97	1.32	15.35	7.29	7.05	0.27
12.80	6.25	6.02	1.24	15.40	7.30	7.06	0.27
12.85	6.30	6.06	1.17	15.45	7.31	7.07	0.27
12.90	6.34	6.10	1.11	15.50	7.32	7.08	0.27
12.95	6.38	6.14	1.06	15.55	7.33	7.09	0.26

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.26	18.20	7.80	7.56	0.16
15.65	7.36	7.12	0.26	18.25	7.80	7.57	0.16
15.70	7.37	7.13	0.26	18.30	7.81	7.57	0.16
15.75	7.38	7.14	0.26	18.35	7.82	7.58	0.16
15.80	7.39	7.15	0.25	18.40	7.82	7.59	0.16
15.85	7.40	7.16	0.25	18.45	7.83	7.59	0.16
15.90	7.41	7.17	0.25	18.50	7.84	7.60	0.16
15.95	7.42	7.18	0.25	18.55	7.84	7.61	0.16
16.00	7.43	7.19	0.25	18.60	7.85	7.61	0.16
16.05	7.44	7.20	0.24	18.65	7.86	7.62	0.15
16.10	7.45	7.21	0.24	18.70	7.86	7.62	0.15
16.15	7.46	7.22	0.24	18.75	7.87	7.63	0.15
16.20	7.47	7.23	0.24	18.80	7.88	7.64	0.15
16.25	7.48	7.24	0.24	18.85	7.88	7.64	0.15
16.30	7.49	7.25	0.23	18.90	7.89	7.65	0.15
16.35	7.50	7.26	0.23	18.95	7.90	7.66	0.15
16.40	7.51	7.27	0.23	19.00	7.90	7.66	0.15
16.45	7.52	7.28	0.23	19.05	7.91	7.67	0.15
16.50	7.53	7.29	0.23	19.10	7.92	7.68	0.15
16.55	7.54	7.30	0.22	19.15	7.92	7.68	0.15
16.60	7.55	7.31	0.22	19.20	7.93	7.69	0.15
16.65	7.55	7.32	0.22	19.25	7.93	7.70	0.15
16.70	7.56	7.32	0.22	19.30	7.94	7.70	0.15
16.75	7.57	7.33	0.22	19.35	7.95	7.71	0.15
16.80	7.58	7.34	0.21	19.40	7.95	7.71	0.15
16.85	7.59	7.35	0.21	19.45	7.96	7.72	0.15
16.90	7.60	7.36	0.21	19.50	7.97	7.73	0.15
16.95	7.61	7.37	0.21	19.55	7.97	7.73	0.15
17.00	7.62	7.38	0.21	19.60	7.98	7.74	0.15
17.05	7.63	7.39	0.21	19.65	7.98	7.74	0.15
17.10	7.63	7.39	0.20	19.70	7.99	7.75	0.14
17.15	7.64	7.40	0.20	19.75	8.00	7.76	0.14
17.20	7.65	7.41	0.20	19.80	8.00	7.76	0.14
17.25	7.66	7.42	0.20	19.85	8.01	7.77	0.14
17.30	7.67	7.43	0.19	19.90	8.01	7.78	0.14
17.35	7.67	7.43	0.19	19.95	8.02	7.78	0.14
17.40	7.68	7.44	0.19	20.00	8.03	7.79	0.14
17.45	7.69	7.45	0.19	20.05	8.03	7.79	0.14
17.50	7.70	7.46	0.19	20.10	8.04	7.80	0.14
17.55	7.71	7.47	0.19	20.15	8.04	7.80	0.14
17.60	7.71	7.47	0.18	20.20	8.05	7.81	0.14
17.65	7.72	7.48	0.18	20.25	8.06	7.82	0.14
17.70	7.73	7.49	0.18	20.30	8.06	7.82	0.14
17.75	7.74	7.50	0.18	20.35	8.07	7.83	0.14
17.80	7.74	7.50	0.18	20.40	8.07	7.83	0.14
17.85	7.75	7.51	0.17	20.45	8.08	7.84	0.14
17.90	7.76	7.52	0.17	20.50	8.09	7.85	0.14
17.95	7.76	7.52	0.17	20.55	8.09	7.85	0.14
18.00	7.77	7.53	0.17	20.60	8.10	7.86	0.14
18.05	7.78	7.54	0.17	20.65	8.10	7.86	0.14
18.10	7.78	7.55	0.16	20.70	8.11	7.87	0.14
18.15	7.79	7.55	0.16	20.75	8.11	7.87	0.13

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.13	23.40	8.38	8.14	0.11
20.85	8.13	7.89	0.13	23.45	8.39	8.15	0.11
20.90	8.13	7.89	0.13	23.50	8.39	8.15	0.11
20.95	8.14	7.90	0.13	23.55	8.40	8.16	0.11
21.00	8.14	7.90	0.13	23.60	8.40	8.16	0.11
21.05	8.15	7.91	0.13	23.65	8.41	8.17	0.11
21.10	8.15	7.91	0.13	23.70	8.41	8.17	0.11
21.15	8.16	7.92	0.13	23.75	8.42	8.18	0.11
21.20	8.16	7.92	0.13	23.80	8.42	8.18	0.10
21.25	8.17	7.93	0.13	23.85	8.42	8.18	0.10
21.30	8.18	7.94	0.13	23.90	8.43	8.19	0.10
21.35	8.18	7.94	0.13	23.95	8.43	8.19	0.10
21.40	8.19	7.95	0.13	24.00	8.44	8.20	0.11
21.45	8.19	7.95	0.13	24.05	8.44	8.20	0.11
21.50	8.20	7.96	0.13	24.10	8.44	8.20	0.09
21.55	8.20	7.96	0.13	24.15	8.44	8.20	0.05
21.60	8.21	7.97	0.13	24.20	8.44	8.20	0.03
21.65	8.21	7.97	0.13	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.12	24.30	8.44	8.20	0.01
21.75	8.22	7.98	0.12	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.12	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.12	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.12	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.12	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.12	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.12	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.12	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.12	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.12	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.12	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.12	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.12	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.12	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.12	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.12	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.12	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.12	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.12	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.12	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.11	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.11	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.11	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.11	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.11	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.11	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.11	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.11	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.11	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.11	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.11	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.11	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.11	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

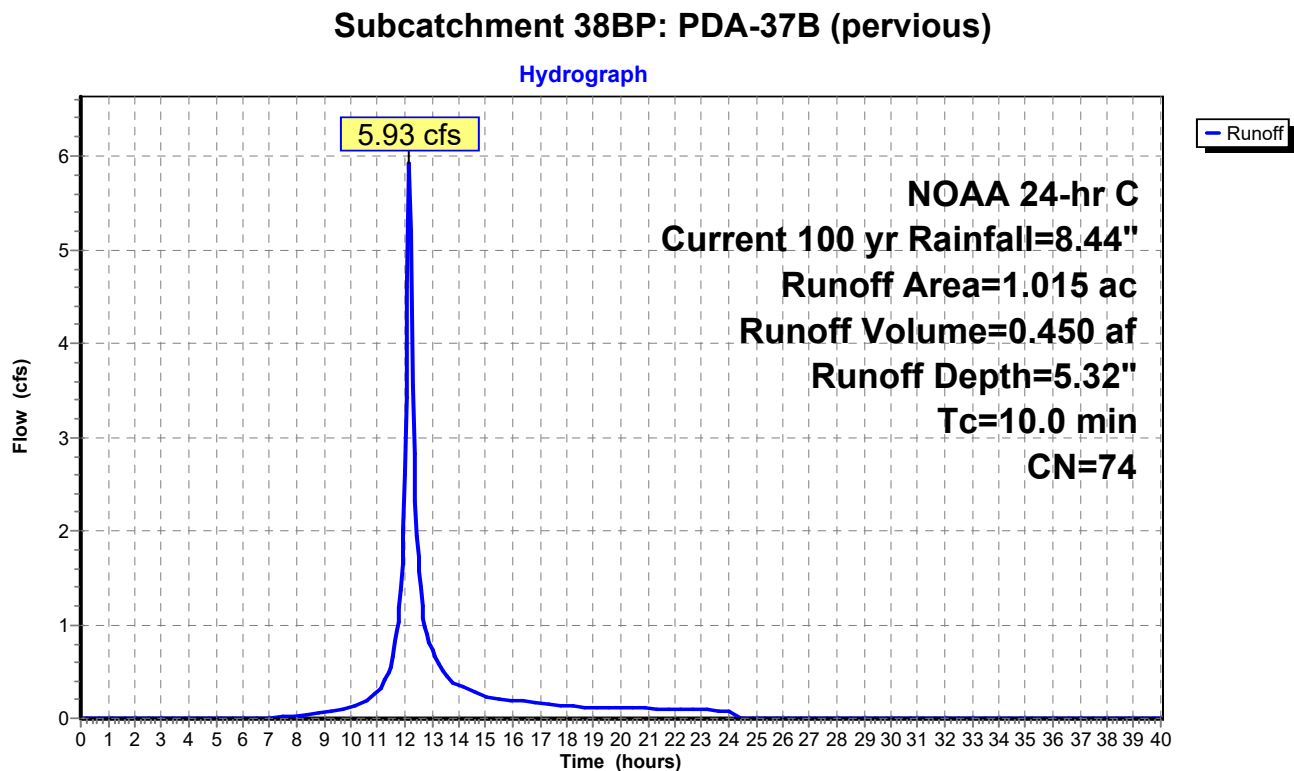
Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 5.93 cfs @ 12.17 hrs, Volume= 0.450 af, Depth= 5.32"
 Routed to Pond B-37B : Basin #37B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.03
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.03
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.04
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.04
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.04
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.04
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.04
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.04
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.04
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.05
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.05
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.05
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.05
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.05
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.05
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.05
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.06
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.06
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.06
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.06
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.06
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.07
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.07
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.07
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.08
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.08
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.08
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.08
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.09
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.09
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.10
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.10
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.10
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.11
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.11
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.11
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.12
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.12
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.13
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.13
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.14
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.14
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.14
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.15

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.15	13.00	6.41	3.54	0.74
10.45	1.72	0.23	0.16	13.05	6.45	3.57	0.71
10.50	1.74	0.24	0.16	13.10	6.48	3.59	0.67
10.55	1.76	0.25	0.17	13.15	6.51	3.62	0.63
10.60	1.79	0.26	0.18	13.20	6.54	3.65	0.60
10.65	1.81	0.27	0.19	13.25	6.57	3.67	0.57
10.70	1.84	0.28	0.20	13.30	6.60	3.70	0.55
10.75	1.87	0.29	0.21	13.35	6.63	3.72	0.53
10.80	1.90	0.30	0.23	13.40	6.65	3.74	0.51
10.85	1.93	0.32	0.24	13.45	6.68	3.76	0.48
10.90	1.96	0.33	0.25	13.50	6.70	3.78	0.46
10.95	1.99	0.35	0.27	13.55	6.72	3.80	0.44
11.00	2.03	0.36	0.29	13.60	6.74	3.82	0.42
11.05	2.06	0.38	0.30	13.65	6.76	3.84	0.40
11.10	2.10	0.40	0.32	13.70	6.78	3.85	0.39
11.15	2.14	0.42	0.35	13.75	6.80	3.87	0.38
11.20	2.19	0.44	0.37	13.80	6.82	3.89	0.37
11.25	2.23	0.46	0.40	13.85	6.84	3.91	0.36
11.30	2.28	0.49	0.43	13.90	6.86	3.92	0.36
11.35	2.33	0.52	0.46	13.95	6.88	3.94	0.35
11.40	2.38	0.54	0.49	14.00	6.90	3.96	0.35
11.45	2.44	0.57	0.53	14.05	6.92	3.97	0.34
11.50	2.49	0.60	0.56	14.10	6.94	3.99	0.33
11.55	2.58	0.65	0.60	14.15	6.95	4.00	0.33
11.60	2.66	0.70	0.69	14.20	6.97	4.02	0.32
11.65	2.75	0.76	0.83	14.25	6.99	4.03	0.32
11.70	2.84	0.81	0.94	14.30	7.01	4.05	0.31
11.75	2.97	0.89	1.04	14.35	7.02	4.06	0.31
11.80	3.09	0.97	1.18	14.40	7.04	4.08	0.30
11.85	3.26	1.08	1.37	14.45	7.05	4.09	0.30
11.90	3.43	1.19	1.64	14.50	7.07	4.10	0.29
11.95	3.73	1.40	2.01	14.55	7.09	4.12	0.29
12.00	4.02	1.61	2.59	14.60	7.10	4.13	0.28
12.05	4.52	1.98	3.41	14.65	7.11	4.14	0.27
12.10	5.01	2.37	4.60	14.70	7.13	4.15	0.27
12.15	5.18	2.51	5.79	14.75	7.14	4.17	0.26
12.20	5.35	2.65	5.76	14.80	7.16	4.18	0.26
12.25	5.47	2.75	4.64	14.85	7.17	4.19	0.25
12.30	5.60	2.85	3.55	14.90	7.18	4.20	0.25
12.35	5.69	2.92	2.82	14.95	7.19	4.21	0.24
12.40	5.78	3.00	2.31	15.00	7.21	4.22	0.24
12.45	5.86	3.07	1.95	15.05	7.22	4.23	0.23
12.50	5.95	3.14	1.71	15.10	7.23	4.24	0.22
12.55	6.00	3.19	1.57	15.15	7.24	4.25	0.22
12.60	6.06	3.23	1.40	15.20	7.25	4.26	0.22
12.65	6.11	3.28	1.20	15.25	7.27	4.27	0.21
12.70	6.16	3.32	1.06	15.30	7.28	4.28	0.21
12.75	6.21	3.36	0.97	15.35	7.29	4.29	0.21
12.80	6.25	3.40	0.91	15.40	7.30	4.30	0.21
12.85	6.30	3.44	0.87	15.45	7.31	4.31	0.21
12.90	6.34	3.47	0.82	15.50	7.32	4.32	0.20
12.95	6.38	3.50	0.78	15.55	7.33	4.33	0.20

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.20	18.20	7.80	4.75	0.12
15.65	7.36	4.35	0.20	18.25	7.80	4.75	0.12
15.70	7.37	4.36	0.20	18.30	7.81	4.76	0.12
15.75	7.38	4.37	0.20	18.35	7.82	4.76	0.12
15.80	7.39	4.38	0.19	18.40	7.82	4.77	0.12
15.85	7.40	4.39	0.19	18.45	7.83	4.78	0.12
15.90	7.41	4.40	0.19	18.50	7.84	4.78	0.12
15.95	7.42	4.41	0.19	18.55	7.84	4.79	0.12
16.00	7.43	4.42	0.19	18.60	7.85	4.79	0.12
16.05	7.44	4.43	0.19	18.65	7.86	4.80	0.12
16.10	7.45	4.44	0.19	18.70	7.86	4.80	0.12
16.15	7.46	4.44	0.19	18.75	7.87	4.81	0.12
16.20	7.47	4.45	0.18	18.80	7.88	4.82	0.12
16.25	7.48	4.46	0.18	18.85	7.88	4.82	0.12
16.30	7.49	4.47	0.18	18.90	7.89	4.83	0.12
16.35	7.50	4.48	0.18	18.95	7.90	4.83	0.12
16.40	7.51	4.49	0.18	19.00	7.90	4.84	0.12
16.45	7.52	4.50	0.18	19.05	7.91	4.84	0.12
16.50	7.53	4.50	0.17	19.10	7.92	4.85	0.12
16.55	7.54	4.51	0.17	19.15	7.92	4.86	0.12
16.60	7.55	4.52	0.17	19.20	7.93	4.86	0.12
16.65	7.55	4.53	0.17	19.25	7.93	4.87	0.12
16.70	7.56	4.54	0.17	19.30	7.94	4.87	0.12
16.75	7.57	4.55	0.17	19.35	7.95	4.88	0.12
16.80	7.58	4.55	0.17	19.40	7.95	4.88	0.11
16.85	7.59	4.56	0.16	19.45	7.96	4.89	0.11
16.90	7.60	4.57	0.16	19.50	7.97	4.90	0.11
16.95	7.61	4.58	0.16	19.55	7.97	4.90	0.11
17.00	7.62	4.58	0.16	19.60	7.98	4.91	0.11
17.05	7.63	4.59	0.16	19.65	7.98	4.91	0.11
17.10	7.63	4.60	0.16	19.70	7.99	4.92	0.11
17.15	7.64	4.61	0.16	19.75	8.00	4.92	0.11
17.20	7.65	4.61	0.15	19.80	8.00	4.93	0.11
17.25	7.66	4.62	0.15	19.85	8.01	4.93	0.11
17.30	7.67	4.63	0.15	19.90	8.01	4.94	0.11
17.35	7.67	4.64	0.15	19.95	8.02	4.94	0.11
17.40	7.68	4.64	0.15	20.00	8.03	4.95	0.11
17.45	7.69	4.65	0.15	20.05	8.03	4.96	0.11
17.50	7.70	4.66	0.14	20.10	8.04	4.96	0.11
17.55	7.71	4.66	0.14	20.15	8.04	4.97	0.11
17.60	7.71	4.67	0.14	20.20	8.05	4.97	0.11
17.65	7.72	4.68	0.14	20.25	8.06	4.98	0.11
17.70	7.73	4.68	0.14	20.30	8.06	4.98	0.11
17.75	7.74	4.69	0.14	20.35	8.07	4.99	0.11
17.80	7.74	4.70	0.14	20.40	8.07	4.99	0.11
17.85	7.75	4.70	0.13	20.45	8.08	5.00	0.11
17.90	7.76	4.71	0.13	20.50	8.09	5.00	0.11
17.95	7.76	4.72	0.13	20.55	8.09	5.01	0.11
18.00	7.77	4.72	0.13	20.60	8.10	5.01	0.11
18.05	7.78	4.73	0.13	20.65	8.10	5.02	0.11
18.10	7.78	4.73	0.13	20.70	8.11	5.02	0.11
18.15	7.79	4.74	0.13	20.75	8.11	5.03	0.11

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.10	23.40	8.38	5.27	0.09
20.85	8.13	5.04	0.10	23.45	8.39	5.28	0.08
20.90	8.13	5.04	0.10	23.50	8.39	5.28	0.08
20.95	8.14	5.05	0.10	23.55	8.40	5.28	0.08
21.00	8.14	5.05	0.10	23.60	8.40	5.29	0.08
21.05	8.15	5.06	0.10	23.65	8.41	5.29	0.08
21.10	8.15	5.06	0.10	23.70	8.41	5.30	0.08
21.15	8.16	5.07	0.10	23.75	8.42	5.30	0.08
21.20	8.16	5.07	0.10	23.80	8.42	5.30	0.08
21.25	8.17	5.08	0.10	23.85	8.42	5.31	0.08
21.30	8.18	5.08	0.10	23.90	8.43	5.31	0.08
21.35	8.18	5.09	0.10	23.95	8.43	5.32	0.08
21.40	8.19	5.09	0.10	24.00	8.44	5.32	0.09
21.45	8.19	5.10	0.10	24.05	8.44	5.32	0.09
21.50	8.20	5.10	0.10	24.10	8.44	5.32	0.07
21.55	8.20	5.11	0.10	24.15	8.44	5.32	0.04
21.60	8.21	5.11	0.10	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.10	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.10	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.10	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.10	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.10	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.10	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.10	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.10	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.10	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.09	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.09	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.09	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.09	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.09	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.09	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.09	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.09	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.09	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.09	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.09	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.09	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.09	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.09	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.09	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.09	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.09	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.09	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.09	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.09	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.09	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.09	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.09	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.09	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.09	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.09	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 5.70 cfs @ 12.17 hrs, Volume= 0.505 af, Depth= 8.20"
 Routed to Pond B-38 : Basin #38

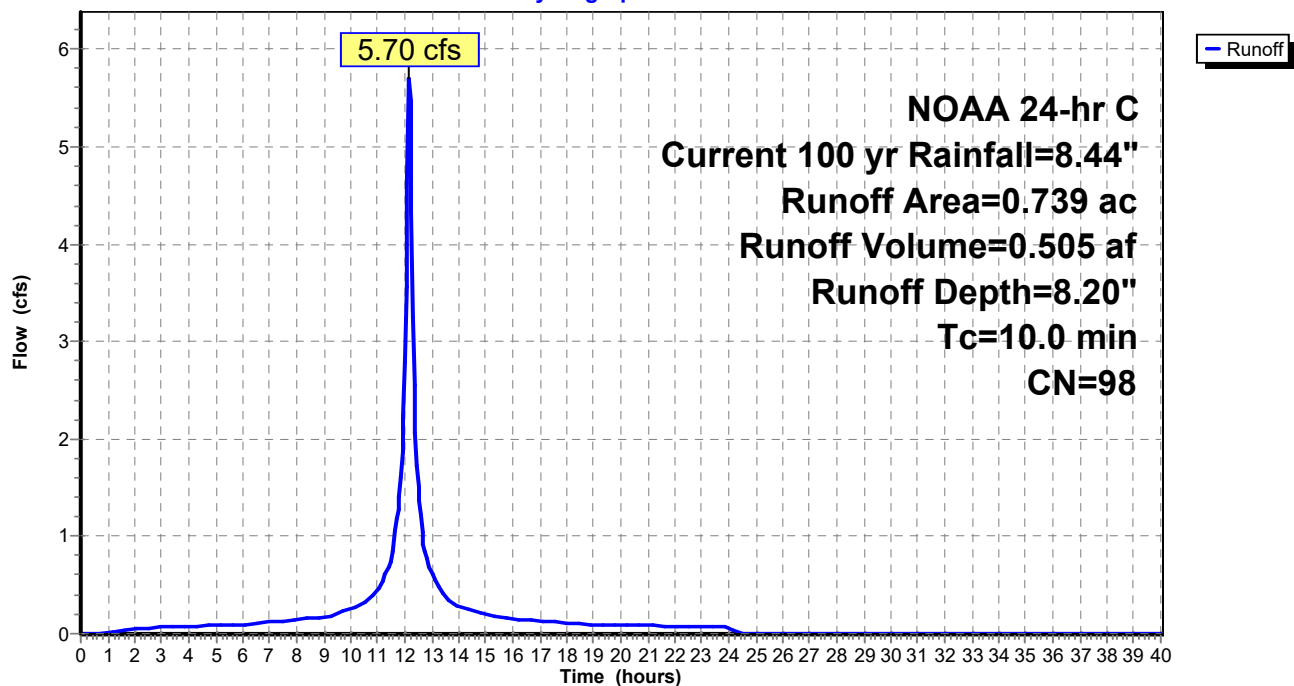
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.06
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.06
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.06
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.06
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.07
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.07
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.07
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.07
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.07
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.07
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.07
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.07
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.07
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.07
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.08
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.08
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.08
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.08
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.08
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.08
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.08
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.08
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.08
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.08
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.08
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.08
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.08
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.08
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.08
2.30	0.22	0.09	0.05	4.90	0.52	0.34	0.08
2.35	0.23	0.09	0.05	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.09
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.09

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.09	7.80	0.97	0.76	0.14
5.25	0.57	0.38	0.09	7.85	0.98	0.77	0.14
5.30	0.58	0.39	0.09	7.90	0.99	0.78	0.14
5.35	0.58	0.39	0.09	7.95	1.00	0.79	0.14
5.40	0.59	0.40	0.09	8.00	1.01	0.80	0.14
5.45	0.60	0.41	0.09	8.05	1.02	0.81	0.15
5.50	0.60	0.41	0.09	8.10	1.03	0.82	0.15
5.55	0.61	0.42	0.09	8.15	1.04	0.83	0.15
5.60	0.62	0.42	0.09	8.20	1.05	0.84	0.15
5.65	0.62	0.43	0.09	8.25	1.06	0.85	0.15
5.70	0.63	0.44	0.09	8.30	1.07	0.86	0.15
5.75	0.64	0.44	0.09	8.35	1.08	0.87	0.15
5.80	0.64	0.45	0.09	8.40	1.10	0.88	0.15
5.85	0.65	0.45	0.09	8.45	1.11	0.89	0.16
5.90	0.66	0.46	0.09	8.50	1.12	0.91	0.16
5.95	0.66	0.47	0.09	8.55	1.13	0.92	0.16
6.00	0.67	0.47	0.09	8.60	1.14	0.93	0.16
6.05	0.68	0.48	0.09	8.65	1.15	0.94	0.16
6.10	0.68	0.49	0.10	8.70	1.16	0.95	0.16
6.15	0.69	0.49	0.10	8.75	1.17	0.96	0.16
6.20	0.70	0.50	0.10	8.80	1.19	0.97	0.16
6.25	0.70	0.51	0.10	8.85	1.20	0.98	0.17
6.30	0.71	0.51	0.10	8.90	1.21	0.99	0.17
6.35	0.72	0.52	0.10	8.95	1.22	1.01	0.17
6.40	0.73	0.53	0.10	9.00	1.23	1.02	0.17
6.45	0.73	0.54	0.10	9.05	1.25	1.03	0.17
6.50	0.74	0.54	0.11	9.10	1.26	1.04	0.17
6.55	0.75	0.55	0.11	9.15	1.27	1.05	0.18
6.60	0.76	0.56	0.11	9.20	1.28	1.07	0.18
6.65	0.77	0.57	0.11	9.25	1.30	1.08	0.19
6.70	0.77	0.57	0.11	9.30	1.31	1.09	0.19
6.75	0.78	0.58	0.11	9.35	1.33	1.11	0.20
6.80	0.79	0.59	0.11	9.40	1.34	1.12	0.20
6.85	0.80	0.60	0.11	9.45	1.35	1.14	0.20
6.90	0.81	0.60	0.12	9.50	1.37	1.15	0.21
6.95	0.81	0.61	0.12	9.55	1.39	1.17	0.21
7.00	0.82	0.62	0.12	9.60	1.40	1.18	0.22
7.05	0.83	0.63	0.12	9.65	1.42	1.20	0.22
7.10	0.84	0.64	0.12	9.70	1.43	1.21	0.23
7.15	0.85	0.65	0.12	9.75	1.45	1.23	0.23
7.20	0.86	0.65	0.12	9.80	1.47	1.25	0.24
7.25	0.87	0.66	0.12	9.85	1.49	1.27	0.24
7.30	0.88	0.67	0.13	9.90	1.50	1.28	0.25
7.35	0.89	0.68	0.13	9.95	1.52	1.30	0.25
7.40	0.89	0.69	0.13	10.00	1.54	1.32	0.26
7.45	0.90	0.70	0.13	10.05	1.56	1.34	0.26
7.50	0.91	0.71	0.13	10.10	1.58	1.36	0.27
7.55	0.92	0.72	0.13	10.15	1.60	1.37	0.27
7.60	0.93	0.73	0.13	10.20	1.62	1.39	0.28
7.65	0.94	0.73	0.13	10.25	1.64	1.41	0.28
7.70	0.95	0.74	0.14	10.30	1.66	1.43	0.29
7.75	0.96	0.75	0.14	10.35	1.68	1.45	0.29

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.29	13.00	6.41	6.18	0.64
10.45	1.72	1.50	0.30	13.05	6.45	6.21	0.60
10.50	1.74	1.52	0.30	13.10	6.48	6.24	0.57
10.55	1.76	1.54	0.31	13.15	6.51	6.27	0.54
10.60	1.79	1.56	0.32	13.20	6.54	6.30	0.51
10.65	1.81	1.59	0.33	13.25	6.57	6.33	0.49
10.70	1.84	1.62	0.35	13.30	6.60	6.36	0.47
10.75	1.87	1.64	0.37	13.35	6.63	6.39	0.45
10.80	1.90	1.67	0.38	13.40	6.65	6.41	0.43
10.85	1.93	1.70	0.40	13.45	6.68	6.44	0.41
10.90	1.96	1.73	0.42	13.50	6.70	6.46	0.39
10.95	1.99	1.77	0.44	13.55	6.72	6.48	0.37
11.00	2.03	1.80	0.46	13.60	6.74	6.50	0.36
11.05	2.06	1.84	0.48	13.65	6.76	6.53	0.34
11.10	2.10	1.87	0.50	13.70	6.78	6.55	0.33
11.15	2.14	1.92	0.53	13.75	6.80	6.57	0.32
11.20	2.19	1.96	0.56	13.80	6.82	6.59	0.31
11.25	2.23	2.01	0.59	13.85	6.84	6.61	0.30
11.30	2.28	2.05	0.63	13.90	6.86	6.62	0.30
11.35	2.33	2.10	0.66	13.95	6.88	6.64	0.29
11.40	2.38	2.16	0.69	14.00	6.90	6.66	0.29
11.45	2.44	2.21	0.73	14.05	6.92	6.68	0.29
11.50	2.49	2.26	0.76	14.10	6.94	6.70	0.28
11.55	2.58	2.35	0.80	14.15	6.95	6.72	0.28
11.60	2.66	2.43	0.91	14.20	6.97	6.73	0.27
11.65	2.75	2.52	1.06	14.25	6.99	6.75	0.27
11.70	2.84	2.61	1.18	14.30	7.01	6.77	0.26
11.75	2.97	2.74	1.27	14.35	7.02	6.78	0.26
11.80	3.09	2.86	1.41	14.40	7.04	6.80	0.25
11.85	3.26	3.03	1.61	14.45	7.05	6.82	0.25
11.90	3.43	3.20	1.88	14.50	7.07	6.83	0.24
11.95	3.73	3.49	2.23	14.55	7.09	6.85	0.24
12.00	4.02	3.79	2.79	14.60	7.10	6.86	0.23
12.05	4.52	4.28	3.56	14.65	7.11	6.88	0.23
12.10	5.01	4.77	4.62	14.70	7.13	6.89	0.22
12.15	5.18	4.94	5.62	14.75	7.14	6.90	0.22
12.20	5.35	5.11	5.47	14.80	7.16	6.92	0.21
12.25	5.47	5.24	4.33	14.85	7.17	6.93	0.21
12.30	5.60	5.36	3.26	14.90	7.18	6.94	0.21
12.35	5.69	5.45	2.56	14.95	7.19	6.96	0.20
12.40	5.78	5.54	2.07	15.00	7.21	6.97	0.20
12.45	5.86	5.62	1.73	15.05	7.22	6.98	0.19
12.50	5.95	5.71	1.51	15.10	7.23	6.99	0.19
12.55	6.00	5.76	1.37	15.15	7.24	7.00	0.18
12.60	6.06	5.82	1.22	15.20	7.25	7.02	0.18
12.65	6.11	5.87	1.04	15.25	7.27	7.03	0.18
12.70	6.16	5.92	0.92	15.30	7.28	7.04	0.17
12.75	6.21	5.97	0.84	15.35	7.29	7.05	0.17
12.80	6.25	6.02	0.79	15.40	7.30	7.06	0.17
12.85	6.30	6.06	0.75	15.45	7.31	7.07	0.17
12.90	6.34	6.10	0.71	15.50	7.32	7.08	0.17
12.95	6.38	6.14	0.67	15.55	7.33	7.09	0.17

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.17	18.20	7.80	7.56	0.10
15.65	7.36	7.12	0.17	18.25	7.80	7.57	0.10
15.70	7.37	7.13	0.16	18.30	7.81	7.57	0.10
15.75	7.38	7.14	0.16	18.35	7.82	7.58	0.10
15.80	7.39	7.15	0.16	18.40	7.82	7.59	0.10
15.85	7.40	7.16	0.16	18.45	7.83	7.59	0.10
15.90	7.41	7.17	0.16	18.50	7.84	7.60	0.10
15.95	7.42	7.18	0.16	18.55	7.84	7.61	0.10
16.00	7.43	7.19	0.16	18.60	7.85	7.61	0.10
16.05	7.44	7.20	0.15	18.65	7.86	7.62	0.10
16.10	7.45	7.21	0.15	18.70	7.86	7.62	0.10
16.15	7.46	7.22	0.15	18.75	7.87	7.63	0.10
16.20	7.47	7.23	0.15	18.80	7.88	7.64	0.10
16.25	7.48	7.24	0.15	18.85	7.88	7.64	0.10
16.30	7.49	7.25	0.15	18.90	7.89	7.65	0.10
16.35	7.50	7.26	0.15	18.95	7.90	7.66	0.10
16.40	7.51	7.27	0.15	19.00	7.90	7.66	0.10
16.45	7.52	7.28	0.15	19.05	7.91	7.67	0.10
16.50	7.53	7.29	0.14	19.10	7.92	7.68	0.10
16.55	7.54	7.30	0.14	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.14	19.20	7.93	7.69	0.09
16.65	7.55	7.32	0.14	19.25	7.93	7.70	0.09
16.70	7.56	7.32	0.14	19.30	7.94	7.70	0.09
16.75	7.57	7.33	0.14	19.35	7.95	7.71	0.09
16.80	7.58	7.34	0.14	19.40	7.95	7.71	0.09
16.85	7.59	7.35	0.13	19.45	7.96	7.72	0.09
16.90	7.60	7.36	0.13	19.50	7.97	7.73	0.09
16.95	7.61	7.37	0.13	19.55	7.97	7.73	0.09
17.00	7.62	7.38	0.13	19.60	7.98	7.74	0.09
17.05	7.63	7.39	0.13	19.65	7.98	7.74	0.09
17.10	7.63	7.39	0.13	19.70	7.99	7.75	0.09
17.15	7.64	7.40	0.13	19.75	8.00	7.76	0.09
17.20	7.65	7.41	0.13	19.80	8.00	7.76	0.09
17.25	7.66	7.42	0.13	19.85	8.01	7.77	0.09
17.30	7.67	7.43	0.12	19.90	8.01	7.78	0.09
17.35	7.67	7.43	0.12	19.95	8.02	7.78	0.09
17.40	7.68	7.44	0.12	20.00	8.03	7.79	0.09
17.45	7.69	7.45	0.12	20.05	8.03	7.79	0.09
17.50	7.70	7.46	0.12	20.10	8.04	7.80	0.09
17.55	7.71	7.47	0.12	20.15	8.04	7.80	0.09
17.60	7.71	7.47	0.12	20.20	8.05	7.81	0.09
17.65	7.72	7.48	0.12	20.25	8.06	7.82	0.09
17.70	7.73	7.49	0.11	20.30	8.06	7.82	0.09
17.75	7.74	7.50	0.11	20.35	8.07	7.83	0.09
17.80	7.74	7.50	0.11	20.40	8.07	7.83	0.09
17.85	7.75	7.51	0.11	20.45	8.08	7.84	0.09
17.90	7.76	7.52	0.11	20.50	8.09	7.85	0.09
17.95	7.76	7.52	0.11	20.55	8.09	7.85	0.09
18.00	7.77	7.53	0.11	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.11	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.10	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.10	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.08	23.40	8.38	8.14	0.07
20.85	8.13	7.89	0.08	23.45	8.39	8.15	0.07
20.90	8.13	7.89	0.08	23.50	8.39	8.15	0.07
20.95	8.14	7.90	0.08	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.08	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.08	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.08	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.08	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.08	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.08	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.08	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.08	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.08	24.00	8.44	8.20	0.07
21.45	8.19	7.95	0.08	24.05	8.44	8.20	0.07
21.50	8.20	7.96	0.08	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.08	24.15	8.44	8.20	0.03
21.60	8.21	7.97	0.08	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.08	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.08	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.08	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.08	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.08	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.08	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.08	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.08	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.07	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.07	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.07	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.07	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.07	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.07	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.07	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.07	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.07	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.07	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.07	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.07	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.07	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.07	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.07	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.07	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.07	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.07	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 8.03 cfs @ 12.17 hrs, Volume= 0.610 af, Depth= 5.32"
 Routed to Pond B-38 : Basin #38

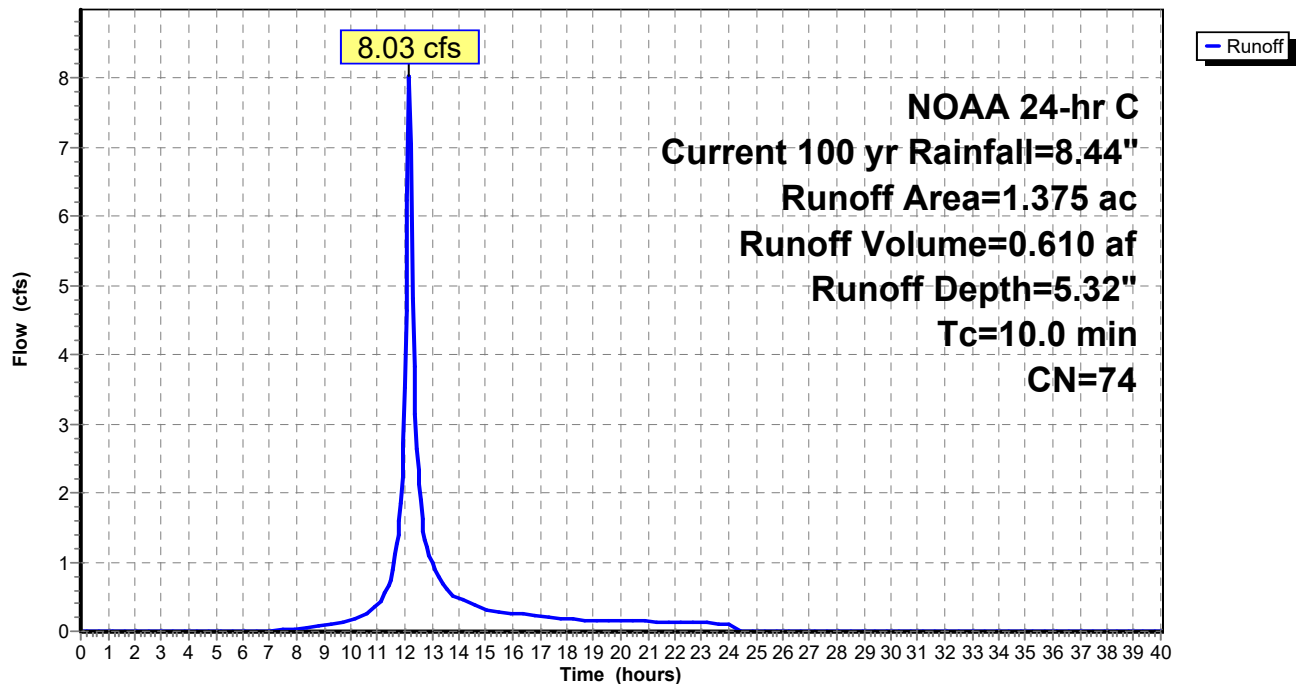
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.07
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.08
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.09
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.09
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.10
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.10
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.11
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.11
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.12
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.12
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.12
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.13
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.13
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.14
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.14
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.15
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.16
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.16
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.17
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.17
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.18
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.18
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.19
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.20
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.20

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.21	13.00	6.41	3.54	1.01
10.45	1.72	0.23	0.21	13.05	6.45	3.57	0.96
10.50	1.74	0.24	0.22	13.10	6.48	3.59	0.90
10.55	1.76	0.25	0.23	13.15	6.51	3.62	0.85
10.60	1.79	0.26	0.24	13.20	6.54	3.65	0.81
10.65	1.81	0.27	0.25	13.25	6.57	3.67	0.78
10.70	1.84	0.28	0.27	13.30	6.60	3.70	0.74
10.75	1.87	0.29	0.29	13.35	6.63	3.72	0.71
10.80	1.90	0.30	0.31	13.40	6.65	3.74	0.68
10.85	1.93	0.32	0.32	13.45	6.68	3.76	0.66
10.90	1.96	0.33	0.34	13.50	6.70	3.78	0.63
10.95	1.99	0.35	0.37	13.55	6.72	3.80	0.60
11.00	2.03	0.36	0.39	13.60	6.74	3.82	0.57
11.05	2.06	0.38	0.41	13.65	6.76	3.84	0.54
11.10	2.10	0.40	0.44	13.70	6.78	3.85	0.52
11.15	2.14	0.42	0.47	13.75	6.80	3.87	0.51
11.20	2.19	0.44	0.51	13.80	6.82	3.89	0.50
11.25	2.23	0.46	0.54	13.85	6.84	3.91	0.49
11.30	2.28	0.49	0.58	13.90	6.86	3.92	0.48
11.35	2.33	0.52	0.63	13.95	6.88	3.94	0.48
11.40	2.38	0.54	0.67	14.00	6.90	3.96	0.47
11.45	2.44	0.57	0.71	14.05	6.92	3.97	0.46
11.50	2.49	0.60	0.76	14.10	6.94	3.99	0.45
11.55	2.58	0.65	0.81	14.15	6.95	4.00	0.45
11.60	2.66	0.70	0.94	14.20	6.97	4.02	0.44
11.65	2.75	0.76	1.12	14.25	6.99	4.03	0.43
11.70	2.84	0.81	1.27	14.30	7.01	4.05	0.42
11.75	2.97	0.89	1.40	14.35	7.02	4.06	0.42
11.80	3.09	0.97	1.59	14.40	7.04	4.08	0.41
11.85	3.26	1.08	1.86	14.45	7.05	4.09	0.40
11.90	3.43	1.19	2.22	14.50	7.07	4.10	0.39
11.95	3.73	1.40	2.72	14.55	7.09	4.12	0.39
12.00	4.02	1.61	3.51	14.60	7.10	4.13	0.38
12.05	4.52	1.98	4.63	14.65	7.11	4.14	0.37
12.10	5.01	2.37	6.23	14.70	7.13	4.15	0.36
12.15	5.18	2.51	7.84	14.75	7.14	4.17	0.36
12.20	5.35	2.65	7.80	14.80	7.16	4.18	0.35
12.25	5.47	2.75	6.29	14.85	7.17	4.19	0.34
12.30	5.60	2.85	4.81	14.90	7.18	4.20	0.33
12.35	5.69	2.92	3.82	14.95	7.19	4.21	0.33
12.40	5.78	3.00	3.13	15.00	7.21	4.22	0.32
12.45	5.86	3.07	2.64	15.05	7.22	4.23	0.31
12.50	5.95	3.14	2.32	15.10	7.23	4.24	0.30
12.55	6.00	3.19	2.12	15.15	7.24	4.25	0.30
12.60	6.06	3.23	1.89	15.20	7.25	4.26	0.29
12.65	6.11	3.28	1.63	15.25	7.27	4.27	0.29
12.70	6.16	3.32	1.43	15.30	7.28	4.28	0.28
12.75	6.21	3.36	1.32	15.35	7.29	4.29	0.28
12.80	6.25	3.40	1.24	15.40	7.30	4.30	0.28
12.85	6.30	3.44	1.17	15.45	7.31	4.31	0.28
12.90	6.34	3.47	1.12	15.50	7.32	4.32	0.28
12.95	6.38	3.50	1.06	15.55	7.33	4.33	0.27

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.27	18.20	7.80	4.75	0.17
15.65	7.36	4.35	0.27	18.25	7.80	4.75	0.17
15.70	7.37	4.36	0.27	18.30	7.81	4.76	0.17
15.75	7.38	4.37	0.27	18.35	7.82	4.76	0.17
15.80	7.39	4.38	0.26	18.40	7.82	4.77	0.17
15.85	7.40	4.39	0.26	18.45	7.83	4.78	0.17
15.90	7.41	4.40	0.26	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.26	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.26	18.60	7.85	4.79	0.16
16.05	7.44	4.43	0.25	18.65	7.86	4.80	0.16
16.10	7.45	4.44	0.25	18.70	7.86	4.80	0.16
16.15	7.46	4.44	0.25	18.75	7.87	4.81	0.16
16.20	7.47	4.45	0.25	18.80	7.88	4.82	0.16
16.25	7.48	4.46	0.25	18.85	7.88	4.82	0.16
16.30	7.49	4.47	0.24	18.90	7.89	4.83	0.16
16.35	7.50	4.48	0.24	18.95	7.90	4.83	0.16
16.40	7.51	4.49	0.24	19.00	7.90	4.84	0.16
16.45	7.52	4.50	0.24	19.05	7.91	4.84	0.16
16.50	7.53	4.50	0.24	19.10	7.92	4.85	0.16
16.55	7.54	4.51	0.23	19.15	7.92	4.86	0.16
16.60	7.55	4.52	0.23	19.20	7.93	4.86	0.16
16.65	7.55	4.53	0.23	19.25	7.93	4.87	0.16
16.70	7.56	4.54	0.23	19.30	7.94	4.87	0.16
16.75	7.57	4.55	0.23	19.35	7.95	4.88	0.16
16.80	7.58	4.55	0.22	19.40	7.95	4.88	0.16
16.85	7.59	4.56	0.22	19.45	7.96	4.89	0.16
16.90	7.60	4.57	0.22	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.22	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.22	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.21	19.65	7.98	4.91	0.15
17.10	7.63	4.60	0.21	19.70	7.99	4.92	0.15
17.15	7.64	4.61	0.21	19.75	8.00	4.92	0.15
17.20	7.65	4.61	0.21	19.80	8.00	4.93	0.15
17.25	7.66	4.62	0.21	19.85	8.01	4.93	0.15
17.30	7.67	4.63	0.20	19.90	8.01	4.94	0.15
17.35	7.67	4.64	0.20	19.95	8.02	4.94	0.15
17.40	7.68	4.64	0.20	20.00	8.03	4.95	0.15
17.45	7.69	4.65	0.20	20.05	8.03	4.96	0.15
17.50	7.70	4.66	0.20	20.10	8.04	4.96	0.15
17.55	7.71	4.66	0.19	20.15	8.04	4.97	0.15
17.60	7.71	4.67	0.19	20.20	8.05	4.97	0.15
17.65	7.72	4.68	0.19	20.25	8.06	4.98	0.15
17.70	7.73	4.68	0.19	20.30	8.06	4.98	0.15
17.75	7.74	4.69	0.19	20.35	8.07	4.99	0.15
17.80	7.74	4.70	0.18	20.40	8.07	4.99	0.15
17.85	7.75	4.70	0.18	20.45	8.08	5.00	0.15
17.90	7.76	4.71	0.18	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.18	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.18	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.17	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.17	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.17	20.75	8.11	5.03	0.14

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.14	23.40	8.38	5.27	0.12
20.85	8.13	5.04	0.14	23.45	8.39	5.28	0.12
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.14	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.14	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.14	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.14	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.14	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.14	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.14	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.14	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.14	23.95	8.43	5.32	0.11
21.40	8.19	5.09	0.14	24.00	8.44	5.32	0.12
21.45	8.19	5.10	0.14	24.05	8.44	5.32	0.12
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.10
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.06
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.03
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.13	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.13	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.13	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.13	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.13	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.13	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.13	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.13	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.13	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.13	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.13	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.13	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.13	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.12	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.12	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.12	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.12	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.12	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.12	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.12	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.12	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 6.04 cfs @ 12.17 hrs, Volume= 0.535 af, Depth= 8.20"
 Routed to Pond B-39 : Basin #39

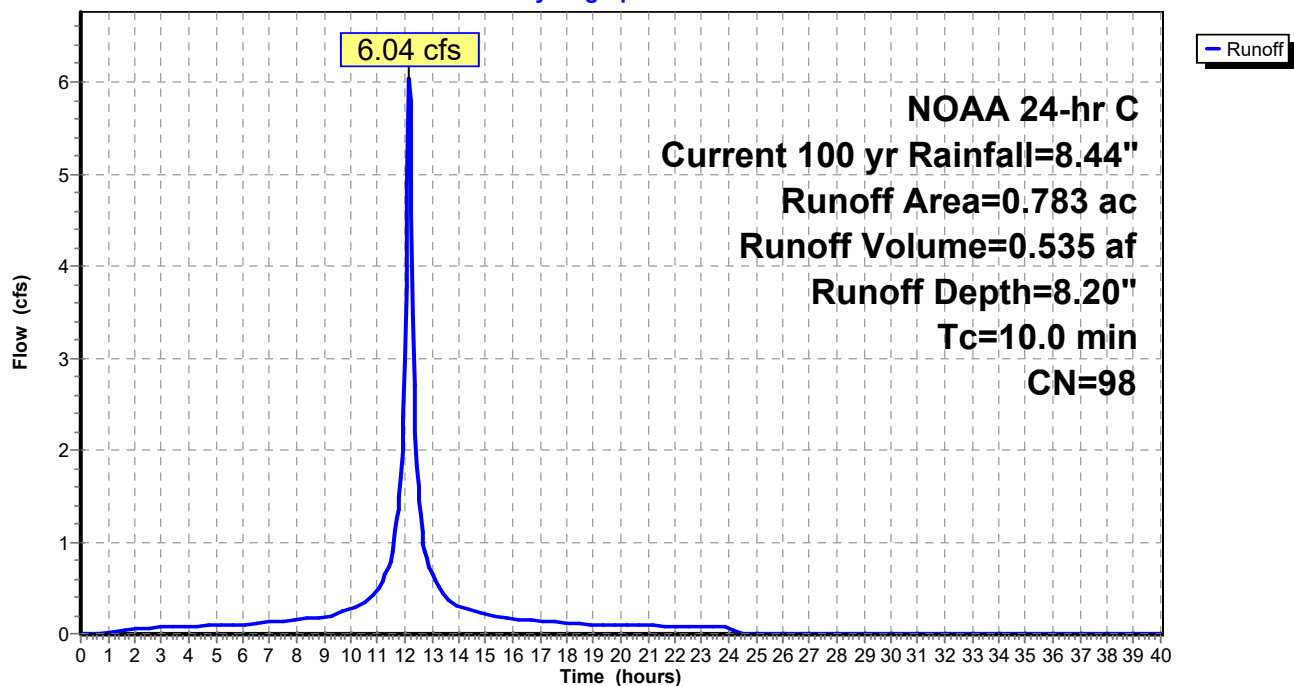
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.783	98	Weighted Average
0.783		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.07
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.07
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.08
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.08
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.08
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.08
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.08
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.09
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.09
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.09
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.09

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.09	7.80	0.97	0.76	0.15
5.25	0.57	0.38	0.09	7.85	0.98	0.77	0.15
5.30	0.58	0.39	0.09	7.90	0.99	0.78	0.15
5.35	0.58	0.39	0.09	7.95	1.00	0.79	0.15
5.40	0.59	0.40	0.09	8.00	1.01	0.80	0.15
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.15
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.16
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.16
5.60	0.62	0.42	0.10	8.20	1.05	0.84	0.16
5.65	0.62	0.43	0.10	8.25	1.06	0.85	0.16
5.70	0.63	0.44	0.10	8.30	1.07	0.86	0.16
5.75	0.64	0.44	0.10	8.35	1.08	0.87	0.16
5.80	0.64	0.45	0.10	8.40	1.10	0.88	0.16
5.85	0.65	0.45	0.10	8.45	1.11	0.89	0.16
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.17
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.17
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.17
6.05	0.68	0.48	0.10	8.65	1.15	0.94	0.17
6.10	0.68	0.49	0.10	8.70	1.16	0.95	0.17
6.15	0.69	0.49	0.10	8.75	1.17	0.96	0.17
6.20	0.70	0.50	0.10	8.80	1.19	0.97	0.17
6.25	0.70	0.51	0.10	8.85	1.20	0.98	0.18
6.30	0.71	0.51	0.11	8.90	1.21	0.99	0.18
6.35	0.72	0.52	0.11	8.95	1.22	1.01	0.18
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.18
6.45	0.73	0.54	0.11	9.05	1.25	1.03	0.18
6.50	0.74	0.54	0.11	9.10	1.26	1.04	0.18
6.55	0.75	0.55	0.11	9.15	1.27	1.05	0.19
6.60	0.76	0.56	0.11	9.20	1.28	1.07	0.19
6.65	0.77	0.57	0.12	9.25	1.30	1.08	0.20
6.70	0.77	0.57	0.12	9.30	1.31	1.09	0.20
6.75	0.78	0.58	0.12	9.35	1.33	1.11	0.21
6.80	0.79	0.59	0.12	9.40	1.34	1.12	0.21
6.85	0.80	0.60	0.12	9.45	1.35	1.14	0.22
6.90	0.81	0.60	0.12	9.50	1.37	1.15	0.22
6.95	0.81	0.61	0.12	9.55	1.39	1.17	0.23
7.00	0.82	0.62	0.13	9.60	1.40	1.18	0.23
7.05	0.83	0.63	0.13	9.65	1.42	1.20	0.24
7.10	0.84	0.64	0.13	9.70	1.43	1.21	0.24
7.15	0.85	0.65	0.13	9.75	1.45	1.23	0.25
7.20	0.86	0.65	0.13	9.80	1.47	1.25	0.25
7.25	0.87	0.66	0.13	9.85	1.49	1.27	0.26
7.30	0.88	0.67	0.13	9.90	1.50	1.28	0.26
7.35	0.89	0.68	0.13	9.95	1.52	1.30	0.27
7.40	0.89	0.69	0.14	10.00	1.54	1.32	0.27
7.45	0.90	0.70	0.14	10.05	1.56	1.34	0.28
7.50	0.91	0.71	0.14	10.10	1.58	1.36	0.28
7.55	0.92	0.72	0.14	10.15	1.60	1.37	0.29
7.60	0.93	0.73	0.14	10.20	1.62	1.39	0.29
7.65	0.94	0.73	0.14	10.25	1.64	1.41	0.30
7.70	0.95	0.74	0.14	10.30	1.66	1.43	0.30
7.75	0.96	0.75	0.15	10.35	1.68	1.45	0.31

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.31	13.00	6.41	6.18	0.67
10.45	1.72	1.50	0.32	13.05	6.45	6.21	0.64
10.50	1.74	1.52	0.32	13.10	6.48	6.24	0.60
10.55	1.76	1.54	0.33	13.15	6.51	6.27	0.57
10.60	1.79	1.56	0.34	13.20	6.54	6.30	0.54
10.65	1.81	1.59	0.35	13.25	6.57	6.33	0.51
10.70	1.84	1.62	0.37	13.30	6.60	6.36	0.49
10.75	1.87	1.64	0.39	13.35	6.63	6.39	0.47
10.80	1.90	1.67	0.41	13.40	6.65	6.41	0.45
10.85	1.93	1.70	0.43	13.45	6.68	6.44	0.43
10.90	1.96	1.73	0.45	13.50	6.70	6.46	0.41
10.95	1.99	1.77	0.46	13.55	6.72	6.48	0.40
11.00	2.03	1.80	0.48	13.60	6.74	6.50	0.38
11.05	2.06	1.84	0.50	13.65	6.76	6.53	0.36
11.10	2.10	1.87	0.53	13.70	6.78	6.55	0.35
11.15	2.14	1.92	0.56	13.75	6.80	6.57	0.34
11.20	2.19	1.96	0.59	13.80	6.82	6.59	0.33
11.25	2.23	2.01	0.63	13.85	6.84	6.61	0.32
11.30	2.28	2.05	0.66	13.90	6.86	6.62	0.32
11.35	2.33	2.10	0.70	13.95	6.88	6.64	0.31
11.40	2.38	2.16	0.73	14.00	6.90	6.66	0.31
11.45	2.44	2.21	0.77	14.05	6.92	6.68	0.30
11.50	2.49	2.26	0.80	14.10	6.94	6.70	0.30
11.55	2.58	2.35	0.85	14.15	6.95	6.72	0.29
11.60	2.66	2.43	0.96	14.20	6.97	6.73	0.29
11.65	2.75	2.52	1.12	14.25	6.99	6.75	0.28
11.70	2.84	2.61	1.25	14.30	7.01	6.77	0.28
11.75	2.97	2.74	1.35	14.35	7.02	6.78	0.27
11.80	3.09	2.86	1.50	14.40	7.04	6.80	0.27
11.85	3.26	3.03	1.70	14.45	7.05	6.82	0.26
11.90	3.43	3.20	1.99	14.50	7.07	6.83	0.26
11.95	3.73	3.49	2.36	14.55	7.09	6.85	0.25
12.00	4.02	3.79	2.96	14.60	7.10	6.86	0.25
12.05	4.52	4.28	3.77	14.65	7.11	6.88	0.24
12.10	5.01	4.77	4.90	14.70	7.13	6.89	0.24
12.15	5.18	4.94	5.96	14.75	7.14	6.90	0.23
12.20	5.35	5.11	5.79	14.80	7.16	6.92	0.23
12.25	5.47	5.24	4.59	14.85	7.17	6.93	0.22
12.30	5.60	5.36	3.45	14.90	7.18	6.94	0.22
12.35	5.69	5.45	2.71	14.95	7.19	6.96	0.21
12.40	5.78	5.54	2.20	15.00	7.21	6.97	0.21
12.45	5.86	5.62	1.83	15.05	7.22	6.98	0.20
12.50	5.95	5.71	1.60	15.10	7.23	6.99	0.20
12.55	6.00	5.76	1.45	15.15	7.24	7.00	0.19
12.60	6.06	5.82	1.29	15.20	7.25	7.02	0.19
12.65	6.11	5.87	1.11	15.25	7.27	7.03	0.19
12.70	6.16	5.92	0.97	15.30	7.28	7.04	0.18
12.75	6.21	5.97	0.89	15.35	7.29	7.05	0.18
12.80	6.25	6.02	0.83	15.40	7.30	7.06	0.18
12.85	6.30	6.06	0.79	15.45	7.31	7.07	0.18
12.90	6.34	6.10	0.75	15.50	7.32	7.08	0.18
12.95	6.38	6.14	0.71	15.55	7.33	7.09	0.18

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.18	18.20	7.80	7.56	0.11
15.65	7.36	7.12	0.17	18.25	7.80	7.57	0.11
15.70	7.37	7.13	0.17	18.30	7.81	7.57	0.11
15.75	7.38	7.14	0.17	18.35	7.82	7.58	0.11
15.80	7.39	7.15	0.17	18.40	7.82	7.59	0.11
15.85	7.40	7.16	0.17	18.45	7.83	7.59	0.11
15.90	7.41	7.17	0.17	18.50	7.84	7.60	0.11
15.95	7.42	7.18	0.17	18.55	7.84	7.61	0.10
16.00	7.43	7.19	0.17	18.60	7.85	7.61	0.10
16.05	7.44	7.20	0.16	18.65	7.86	7.62	0.10
16.10	7.45	7.21	0.16	18.70	7.86	7.62	0.10
16.15	7.46	7.22	0.16	18.75	7.87	7.63	0.10
16.20	7.47	7.23	0.16	18.80	7.88	7.64	0.10
16.25	7.48	7.24	0.16	18.85	7.88	7.64	0.10
16.30	7.49	7.25	0.16	18.90	7.89	7.65	0.10
16.35	7.50	7.26	0.16	18.95	7.90	7.66	0.10
16.40	7.51	7.27	0.15	19.00	7.90	7.66	0.10
16.45	7.52	7.28	0.15	19.05	7.91	7.67	0.10
16.50	7.53	7.29	0.15	19.10	7.92	7.68	0.10
16.55	7.54	7.30	0.15	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.15	19.20	7.93	7.69	0.10
16.65	7.55	7.32	0.15	19.25	7.93	7.70	0.10
16.70	7.56	7.32	0.15	19.30	7.94	7.70	0.10
16.75	7.57	7.33	0.15	19.35	7.95	7.71	0.10
16.80	7.58	7.34	0.14	19.40	7.95	7.71	0.10
16.85	7.59	7.35	0.14	19.45	7.96	7.72	0.10
16.90	7.60	7.36	0.14	19.50	7.97	7.73	0.10
16.95	7.61	7.37	0.14	19.55	7.97	7.73	0.10
17.00	7.62	7.38	0.14	19.60	7.98	7.74	0.10
17.05	7.63	7.39	0.14	19.65	7.98	7.74	0.10
17.10	7.63	7.39	0.14	19.70	7.99	7.75	0.10
17.15	7.64	7.40	0.14	19.75	8.00	7.76	0.10
17.20	7.65	7.41	0.13	19.80	8.00	7.76	0.10
17.25	7.66	7.42	0.13	19.85	8.01	7.77	0.10
17.30	7.67	7.43	0.13	19.90	8.01	7.78	0.10
17.35	7.67	7.43	0.13	19.95	8.02	7.78	0.10
17.40	7.68	7.44	0.13	20.00	8.03	7.79	0.10
17.45	7.69	7.45	0.13	20.05	8.03	7.79	0.09
17.50	7.70	7.46	0.13	20.10	8.04	7.80	0.09
17.55	7.71	7.47	0.12	20.15	8.04	7.80	0.09
17.60	7.71	7.47	0.12	20.20	8.05	7.81	0.09
17.65	7.72	7.48	0.12	20.25	8.06	7.82	0.09
17.70	7.73	7.49	0.12	20.30	8.06	7.82	0.09
17.75	7.74	7.50	0.12	20.35	8.07	7.83	0.09
17.80	7.74	7.50	0.12	20.40	8.07	7.83	0.09
17.85	7.75	7.51	0.12	20.45	8.08	7.84	0.09
17.90	7.76	7.52	0.12	20.50	8.09	7.85	0.09
17.95	7.76	7.52	0.11	20.55	8.09	7.85	0.09
18.00	7.77	7.53	0.11	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.11	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.11	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.11	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.07
20.85	8.13	7.89	0.09	23.45	8.39	8.15	0.07
20.90	8.13	7.89	0.09	23.50	8.39	8.15	0.07
20.95	8.14	7.90	0.09	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.09	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.09	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.09	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.09	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.09	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.09	24.00	8.44	8.20	0.07
21.45	8.19	7.95	0.09	24.05	8.44	8.20	0.08
21.50	8.20	7.96	0.09	24.10	8.44	8.20	0.06
21.55	8.20	7.96	0.08	24.15	8.44	8.20	0.04
21.60	8.21	7.97	0.08	24.20	8.44	8.20	0.02
21.65	8.21	7.97	0.08	24.25	8.44	8.20	0.01
21.70	8.22	7.98	0.08	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.08	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.08	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.08	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.08	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.08	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.08	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.08	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.08	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.08	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.08	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.08	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.08	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.08	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.08	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.08	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.08	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.08	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.07	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.07	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.07	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.07	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.07	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00